Lista de publicações

- Afonso, C., Silveira, J. E., Zazo, J. A., & Fernandes, A. (2026). Sustainable water reuse in textile processing: A hybrid nanofiltration–reverse osmosis–persulfate oxidation treatment approach. Textile Research Journal. doi:10.1177/00405175261449433

- Afonso, C., Sousa, C., Farinon, D. M., Espinoza, M., & Fernandes, A. (2026). Energy Optimisation of Electrochemical Treatment of Textile Wastewater Springer Proceedings in Earth and Environmental Sciences (Vol. Part F1848, pp. 207-216). doi:10.1007/978-3-032-14960-2_21

- Ali, M., Gomes, I. M. M., Dardanelli, M., Carena, L., Corrao, E., Lopes, A., Fernandes, A., Pellegrino, F., Vione, D., Minero, C., & Sordello, F. (2026). Electrochemical degradation of oxolinic acid on boron-doped diamond electrodes. Journal of Applied Electrochemistry, 56(3). doi:10.1007/s10800-025-02390-2

- Almeida, R., Ramos, A., Håkonsen, V., Deuermeier, J., Maloney, T., Belgacem, N., & Gamelas, J. (2026). Remarkable enhancement of the stability against aging of nanocellulose films by the incorporation of boron compounds. Reactive and Functional Polymers, 228. doi:10.1016/j.reactfunctpolym.2026.106886

- Almeida, R., Ramos, A., Håkonsen, V., Maloney, T., Belgacem, N., & Gamelas, J. (2026). Mitigating the effects of moist-heat aging on the properties of phosphorylated cellulose nanofibril films. Polymer Degradation and Stability, 252. doi:10.1016/j.polymdegradstab.2026.112275

- Almeida, R., Ramos, A., Håkonsen, V., Maloney, T., Belgacem, N., & Gamelas, J. (2026). Moist-heat aging of phosphorylated cellulose nanofibril films: influence of phosphorus content and residual lignin. Polymer Degradation and Stability, 245. doi:10.1016/j.polymdegradstab.2025.111866

- Barata, T. R., Bicho, M., Miguel, R., Santiago, A., Ferreira, S., & Pereira, M. (2027). Problem-Based Learning for Enhancing Sustainability and Circularity Concepts in Fashion Design Springer Series in Design and Innovation (Vol. 65, pp. 99-112). doi:10.1007/978-3-032-33282-0_6

- Baía, A., Arroyo-Escoto, A. I., Ramos, N., Afonso, C., Pesce, G. R., Fernandes, M. C., & Fernandes, A. (2026). Anaerobic metabolic responses of sludge and mine wastewater-derived consortia to winery wastewater-related compounds. World Journal of Microbiology and Biotechnology, 42(9). doi:10.1007/s11274-026-05195-3

- Carrasco, F., Hernández, W., Castro, N., Sivipaucar, N., Bongiorno, B., Chupayo, O., Raposo, C., Silva, L. A., Rodilla, J. M., Carrasco, E., & Dávalos, J. Z. (2026). Identification of Secondary Metabolites from the Lichen Hypotrachyna enderythraea (Zahlbr.) Hale by HPLC-ESI-MS/MS. Molecules, 31(6). doi:10.3390/molecules31060954

- Espinosa, M., Afonso, C., Saraiva, B., Vione, D., & Fernandes, A. (2026). Textile Wastewater Treatment by Membrane and Electrooxidation Processes: A Critical Review. Clean Technologies, 8(1). doi:10.3390/cleantechnol8010009

- Fernandes, V. B., Farinon, D. M., Fernandes, A., Silveira, J. E., Amaro, A., Zazo, J. A., & Sousa, C. Y. (2026). Towards a Circular Phosphorus Economy: Electroless Struvite Precipitation from Cheese Whey Wastewater Using Magnesium Anodes. Applied Sciences (Switzerland), 16(1). doi:10.3390/app16010298

- Ferreira, S., Pereira, M., Barata, T. R., Belino, N., Santiago, A., Fernandes, M. B., & Miguel, R. (2026). Sustainable Textile Waste Valorization as New Raw Materials for Knitwear Design Springer Proceedings in Earth and Environmental Sciences (Vol. Part F1848, pp. 692-702). doi:10.1007/978-3-032-14960-2_69

- Gomes, I., Silveira, J. E., Sousa, C. Y., Garbellini, L. R., Zazo, J. A., Pliego, G., Rodrigues, C., & Fernandes, A. (2026). Electrochemical Pathways to Circular Livestock Wastewater Management: Boron-Doped Diamond Anodes for Detoxification and Nutrient Recycling. Earth Systems and Environment. doi:10.1007/s41748-026-01161-z

- Gupta, S., Fernandes, A., Grasa, L., Rubio, C., & Salafranca, J. (2026). Performance of a Continuous Dark–Photo Fermentation System to Produce Hydrogen from Simulated Sugar–Rich Processing Wastewater Under Suboptimal pH and Temperature Conditions. Fermentation, 12(8). doi:10.3390/fermentation12080384

- Kinkela, N., Morales, A., Sánchez-Martínez, H. A., Díaz, M., Samba, N., Mawunu, M., Morán-Pinzón, J. A., Silva, L., Rodilla, J. M., & Guerrero De León, E. (2026). Comprehensive Characterization of Lantana camara Essential Oil from Angola: GC-MS Profiling, Antioxidant Capacity, and Drug-likeness Prediction. Antioxidants, 15(3). doi:10.3390/antiox15030291

- Nunes, M., Vieira, J. C., Costa, A. P., Cabral, M. E. A., Vieira, B. J. C., Waerenborgh, J. C., Nogueira, H. I. S., Mitchell, S. G., Claro, A., & Ferreira, T. (2026). From Ink to Mockup: An Integrated Study of Historical Gall Ink Formulations and Their Impact on Paper. ChemPlusChem, 91(2). doi:10.1002/cplu.202500369

- Nunes, S. C., Duarte, T. A. G., Pereira, S., Fortunato, E., Correia, S. F. H., Fu, L., Ferreira, R. A. S., & Bermudez, V. D. Z. (2026). UV-blocking luminescent hybrid electrolyte doped with [BMIm][Trif], lithium salt and carbon dots derived from Arundo donax leaves for electrochromic windows. Journal of Ionic Liquids, 6(1). doi:10.1016/j.jil.2026.100192

- Oliveira, M., Ferreira, R. A., Almeida, A., Fernandes, A., Carvalho, F., & Afonso, A. (2026). Valorization of Treated Olive Mill Wastewater and Olive Pits in Hydroponic Systems for Lettuce Production. Water (Switzerland), 18(3). doi:10.3390/w18030375

- Pereira, M., Ferreira, S., Raquel, T., Bicho, M., Santiago, A., Belino, N., Miguel, R., Guise, C., Tavares, A. S., Silva, C. J., Batista, J., & Rani, S. (2026). Development of Sustainable Fashion Product in Portuguese Industry with Textile and Clothing Waste: A Case Study EAI/Springer Innovations in Communication and Computing (Vol. Part F1602, pp. 315-330). doi:10.1007/978-3-032-11013-8_10

- Pereira, M., Ferrão, C., Quaresma, A., & Quaresma, T. (2026). A Project to Create Value with Local Wool in Fashion Design Products: A Social, Environment and Economic Sustainable Model Springer Series in Design and Innovation (Vol. 59, pp. 253-266). doi:10.1007/978-3-032-00733-9_17

- Queiroz, J., Raquel Barata, T., & Pereira, M. (2027). Fashion Second-Hand Market and Re-Branding of Humana Portugal: One Strategy for Sustainability and Circular Economy Springer Series in Design and Innovation (Vol. 65, pp. 27-45). doi:10.1007/978-3-032-33282-0_2

- Rani, S., Ferreira, S., Barata, T. R., Bicho Fernandes, M., Belino, N., Santiago, A., Miguel, R., & Pereira, M. (2026). The Future of Fashion: Recycling and Sustainable Solutions for Textile Waste Springer Proceedings in Earth and Environmental Sciences (Vol. Part F1848, pp. 663-674). doi:10.1007/978-3-032-14960-2_66

- Rebelo, A., Mariano, A., Fernandes, S., Franco, A., & Quadrado, F. (2026). A novel semi-quantitative model for environmental risk assessment in Portuguese surface water catchments: Supporting compliance with the European Drinking Water Directive. Water Science and Engineering. doi:10.1016/j.wse.2026.01.003

- Silva, M. G., Gama, A., Nunes, S. C., Fernandes, M., Oliveira, M. M., & Peixoto, F. (2026). Renal Mitochondria as Targets of Microplastic Toxicity in Mice: Comparing Fluorescent and Non-Fluorescent Polyethylene Particles. Microplastics, 5(2). doi:10.3390/microplastics5020113

- Silva, M. G., Medeiros-Fonseca, B., Gama, A., Gaivão, I., Nunes, S., Fernandes, M., Oliveira, P. A., Monedero, V., Zúñiga, M., Oliveira, M. M., & Peixoto, F. (2026). Hepatic Mitochondrial Dysfunction and Gut Dysbiosis Induced by Polyethylene Microplastics in FVB/n Mice: A Comparative Study of Fluorescent and Non-Fluorescent Particles. Toxics, 14(5). doi:10.3390/toxics14050386

- Sousa, C. Y., Farinon, D. M., Afonso, C., & Fernandes, A. (2026). Electrogeneration of Hypochlorite from Reverse Osmosis Retentate for Reuse as Antifouling Agent Springer Proceedings in Earth and Environmental Sciences (Vol. Part F1848, pp. 426-435). doi:10.1007/978-3-032-14960-2_43

- Vieira, J. C., Videira, P., Mendes, A. O., Pinto, P., Soares, B., Costa, M. P., Fiadeiro, P. T., Curto, J. M. R., Amaral, M. E., Costa, A. P., & Costa, V. L. D. (2026). Laboratory Scale vs. Pilot Scale Recyclability Evaluation of a Brown Packaging Paper Containing Strength Additive. Recycling, 11(6). doi:10.3390/recycling11060107

- Wynn, M., Wiegand, T., Radev, R., Visintin, F., Hörner Bussolo, G., Pereira, M., Ocak, S., & Erdinçler, A. (2026). Sustainability, circular economy and digitalisation in the European textile and clothing industry: an applied maturity framework. Frontiers in Sustainability, 7. doi:10.3389/frsus.2026.1839047

- Almeida, R. O., Ferraz, E., Ramos, A., Håkonsen, V., Puertas, M. L., & Gamelas, J. A. F. (2025). High-Optical-Performance Composite Films of Deep Eutectic Solvent Pretreated-Cellulose Nanofibrils and Fibrous Clay Minerals. Biomacromolecules, 26(10), 6430-6443. doi:10.1021/acs.biomac.5c00376

- Antunes, J., Rocha, A., Santos, M., Costa, C., Oliveira, J., Lopes Miguel, R., Pereira, M., Santiago, A., Marinho, A. S., & Silva, C. J. (2025). Natural feel on natural fabrics, by using bio-based softeners. Journal of Cleaner Production, 518. doi:10.1016/j.jclepro.2025.145635

- Barata, T. R. A., Paul, R., & Belino, N. J. R. (2025). Effect of solution concentration, process

parameters and a second electric field on electrospun polyamide-11 fibers. Journal of Industrial Textiles, 55. doi:10.1177/15280837241299694

- Baía, A., Arroyo-Escoto, A. I., Ramos, N., Pereira, M., Fernandes, M. C., Zhang, Y., & Fernandes, A. (2025). Hydrogen Production from Winery Wastewater Through a Dual-Chamber Microbial Electrolysis Cell. Energies, 18(12). doi:10.3390/en18123043

- Carbajo, J., Silveira, J. E., Gomes, I., Fernandes, A., Ciríaco, L., García-Costa, A. L., Zazo, J. A., & Casas, J. A. (2025). Electrochemical Anodic Oxidation Treatment of Pool Water Containing Cyanuric Acid. Pollutants, 5(4). doi:10.3390/pollutants5040039

- Carena, L., Bertolotti, S., Minutoli, V., Sarakha, M., Fernandes, A., Lopes, A., Sordello, F., Minella, M., & Vione, D. (2025). Direct and indirect photolysis of oxolinic acid in surface waters and its inhibition by antioxidant effects. Water Research, 271. doi:10.1016/j.watres.2024.122880

- Costa, V., Videira, P., Mendes, A., Duarte, T., Valente, B., Pinto, P., Gaspar, A., Viana, T., Fiadeiro, P., Curto, J. M. R., Amaral, M., Costa, A., & Costa Vieira, J. (2025). Evaluating Environmental Performance of PLA–Cellulose-Based Biocomposites: A Comprehensive Study on Biodegradability, Compostability, and Ecotoxicity. Polymers, 17, 3232. doi:10.3390/polym17233232

- Cristelo, N., Veloso, R. C., Maia, J., Nunes, S., Bermudez Benito, V., Ramos, N. M. M., Ventura, J., & Rocha, J. (2025). Enhancement of mechanical and thermal properties of porous alkaline cements using silica and alumina nanoparticles. Journal of Sustainable Cement-Based Materials, 14(4), 746-764. doi:10.1080/21650373.2025.2454917

- Cunha, A. E. P., & Simões, R. M. S. (2025). Xylooligosaccharides production from hardwood xylans: Effects of ball-milling and ozone pretreatments on enzymatic depolymerization. Carbohydrate Polymer Technologies and Applications, 10. doi:10.1016/j.carpta.2025.100747

- Cunha, A. E. P., Rencoret, J., del Río, J. C., & Simões, R. M. S. (2025). Laccase-induced lignin cross-linking and the potential for cellulose-based composite reinforcement. Industrial Crops and Products, 226. doi:10.1016/j.indcrop.2025.120610

- Ferreira, E., Encarnação, B., Cascalheira, J. F., Gallardo, E., Ferreira, S., Ramos, A., Domingues, F., & Luís, Â. (2025). Production and Characterization of a Pullulan-Based Facial Mask Incorporating Grape Seed Flour Extract for Cosmeceutical Applications. International Journal of Molecular Sciences, 26(24). doi:10.3390/ijms262411845

- Gomes, I., Sousa, C. Y., Afonso, C., Ciríaco, L., Pacheco, M. J., Rodrigues, C., & Fernandes, A. (2025). Nutrient recovery from livestock effluent in a circular economy approach Advances in Computers. doi:10.1016/bs.adcom.2025.08.009

- Lopes Miguel, R., Reis, B., Santiago, A., Fernandes, M. B., & Pereira, M. (2025). Functional Wool Fabric Design Optimizing the Comfort of Activewear Clothing Springer Series in Design and Innovation (Vol. 48, pp. 121-137). doi:10.1007/978-3-031-74975-9_10

- Mascarenhas, F. J. R., Dias, A. M. P. G., Christóforo, A. L., & Simões, R. M. S. (2025). Effects of Microwave Treatment on the Retention of a Preservative Product in Two

Portuguese Wood Species Springer Proceedings in Materials (Vol. 86, pp. 305-312). doi:10.1007/978-3-031-99418-0_38

- Mascarenhas, F. J. R., Dias, A. M. P. G., Christóforo, A. L., Simões, R. M. S., Paes, J. B., & Cunha, A. E. P. (2025). Microwave-treated Eucalyptus globulus wood for construction applications: Enhanced impregnability, biological resistance, and preserved mechanical performance. Construction and Building Materials, 499. doi:10.1016/j.conbuildmat.2025.144049

- Mouro, C., Gomes, A., Gomes, A. P., & Gouveia, I. C. (2025). Sustainable Bacterial Cellulose Production Using Low-Cost Fruit Wastewater Feedstocks. Nanomaterials, 15(4). doi:10.3390/nano15040271

- Nunes, M. J., Lopes, A., Pacheco, M. J., Fiadeiro, P. T., Inacio, G. J., Silveira, J. E., Ribeiro, A. R., Paz, W. S., & Ciríaco, L. (2025). Photocatalytic Degradation of Oxytetracycline and Imidacloprid Under Visible Light with Sr0.95Bi0.05TiO3: Influence of Aqueous Matrix. Water (Switzerland), 17(15). doi:10.3390/w17152177

- Nunes, P. J., Pereira, R. F. P., Nunes, S. C., Correia, S. F. H., Fu, L., Ferreira, R. A. S., Fernandes, M., & Bermudez, V. D. Z. (2025). POE-Mediated Tunable Quantum Yield of Carbon Dots?Derived From Agapanthus Africanus (L.) Hoffmann Leaves. Small, 21(5). doi:10.1002/smll.202404717

- Ouarghi, A., Zaidi, S., Chaabane, T., Fernandes, A., Darchen, A., Omine, K., & Venkataraman, V. (2025). Magnesium – Aluminium – layered double hydroxides (Mg – Al – LDH) by MgCl2/Mg(NO3)2 mediated electrolysis using aluminium/vitreous carbon electrodes: Prominent in removing fluoride and nitrate from semiconductor wastewater. Journal of the Indian Chemical Society, 102(12). doi:10.1016/j.jics.2025.102281

- Pereira, M., Santos, R., Barata, T., Santiago, A., & Miguel, R. (2025). Sustainability and Circularity in Textile Industry: New Approach for Development of Fashion Products with Textile Pre-Consumer Waste Springer Series in Design and Innovation (Vol. 48, pp. 67-82). doi:10.1007/978-3-031-74975-9_6

- Ramos, A., Rodilla, J. M., Ferreira, R., & Luís, Â. (2025). Enhancing Hydrophobicity of Nanocellulose-Based Films by Coating with Natural Wax from Halimium viscosum. Applied Sciences (Switzerland), 15(13). doi:10.3390/app15137576

- Rebelo, A., & Farabegoli, G. (2025). Water circularity index: A novel approach for authorities and operators. Chemosphere, 377. doi:10.1016/j.chemosphere.2025.144366

- Reis, B., Pereira, M., Jerónimo, N. A., & Garrido, S. (2025). Analysing the Characteristics of Genderless Clothing: A Qualitative Approach with MaxQDA Software Springer Series in Design and Innovation (Vol. 48, pp. 215-227). doi:10.1007/978-3-031-74975-9_18

- S., Ferreira, G., & Braga, R. S. S. (2025). Microwave-assisted modification process to enhance the technological properties of maritime pine for sustainable construction applications. European Journal of Wood and Wood Products, 83(5). doi:10.1007/s00107-025-02330-z

- Samba, N., Barrios, A. M., de León, E. G., Raposo, C., Aitfella Lahlou, R. A., Curto, J., Rodilla, J. M., Roncero, A. M., Díez, D., & Silva, L. (2025). Cochlospermum angolense Welw ex Oliv: Phytochemical Profile, Antioxidant Activity, and Therapeutic Prospects. Molecules, 30(13). doi:10.3390/molecules30132768

- Santiago, A., Pinheiro, C., & Belino, N. (2025). Development of a New Clothing Product Through Upcycling—From Jeans to Top Springer Series in Design and Innovation (Vol. 48, pp. 111-120). doi:10.1007/978-3-031-74975-9_9

- Santos, D., Fiadeiro, P. T., P Silva, A., & Nunes-Pereira, J. (2025). Multifunctional Magnetic Soft Actuators for Aerospace Applications: Morphing Structures and Biomimetics. Advanced Materials Technologies. doi:10.1002/admt.202501180

- Santos, F. M., Duarte, T. A. G., Correia, S. F. H., Pereira, R. F. P., Conde, A., Ribeiro, A. R., Braga, S. S., Ventura, S. P. M., Ferreira, R. A. S., de Zea Bermudez, V., & Nunes, S. C. (2025). Biphosphor Carbon Dots/Chlorophyll System Entirely Derived from Chlorella Microalgae for Luminescent Solar Concentrators. ACS Nanoscience Au. doi:10.1021/acsnanoscienceau.4c00048

- Santos, F. M., Nunes, P., Fernandes, M., Soares, F. M., Cruz, R., Bacelar, E., Casal, S., Rocha, J., Maia, A., Pais, P. J., Bermudez, V. D. Z., Crespí, A. L., & Nunes, S. C. (2025). Iris sibirica leaf surface: From plant adaptation to biomimetic replication. Surfaces and Interfaces, 75. doi:10.1016/j.surfin.2025.107805

- Saraiva, B., Belino, N., Lopes Miguel, R., López-Grimau, V., Buscio, V., Carvalho, J., & Fernandes, A. (2025). Treatment of natural dye wastewaters by electrochemical oxidation: Comparative analysis of anode materials and optimization for reuse. Journal of Environmental Management, 395. doi:10.1016/j.jenvman.2025.127908

- Sheydaei, P., Amaral, M. E., & Duarte, A. P. (2025). Genus Echium L.: Phytochemical Characterization and Bioactivity Evaluation for Drug Discovery. Plants, 14(16). doi:10.3390/plants14162548

- Sheydaei, P., Ferreira, S., Almeida, M., Coimbra, A., Yousefbeyk, F., Gallardo, E., Breitenfeld, L., Amaral, M. E., & Duarte, A. P. (2025). Bioactive Compounds and Traditional Uses of Tripleurospermum disciforme (C.A.Mey.) Sch.Bip.: A Comprehensive Study on Its Therapeutic Potential. Molecules, 30(18). doi:10.3390/molecules30183685

- Souli, I., Fernandes, A., Lopes, A., Gomes, I., Afonso, A., Labiadh, L., & Ammar, S. (2025). Treatment of cheese whey wastewater by electrochemical oxidation using BDD, Ti/RuO2-TiO2, and Ti/RuO2-IrO2-Pt anodes: ecotoxicological and energetic evaluation. Environmental Science and Pollution Research, 32(11), 7058-7069. doi:10.1007/s11356-025-36174-0

- Sousa, C. Y., Gomes, I., Amaro, A., & Fernandes, A. (2025). Phosphorus recovery from industrial effluents through chemical and electrochemical precipitation: a critical review. Reviews in Environmental Science and Biotechnology, 24(2), 377-398. doi:10.1007/s11157-025-09727-5

- Sátiro, J., Fernandes, J. P., Mucha, A. P., Gomes, A. P., Calheiros, C. S. C., Muñoz Torre, R.,

Simões, R., & Albuquerque, A. (2025). Effect of slow feeding and hydraulic retention time on algal-bacterial aerobic granular sludge for low-nitrogen pulp mill wastewater treatment. Journal of Environmental Chemical Engineering, 13(5). doi:10.1016/j.jece.2025.118216

- Sátiro, J., Marchiori, L., Morais, M. V., Marinho, T., Florencio, L., Gomes, A., Muñoz, R., Albuquerque, A., & Simões, R. (2025). Integrating photobioreactors and constructed wetlands for paper pulp industry wastewater treatment: A nature-based system approach. Journal of Water Process Engineering, 71. doi:10.1016/j.jwpe.2025.107237

- Velosa, J. C., & Curto, J. M. R. (2025). Simulation studies of printed circuit board using finite element method to evaluate the potential of cellulose fibres to replace glass fibres: Simulationsstudien an Leiterplatten mithilfe der Finite-Elemente-Methode zur Bewertung des Potenzials von Zellulosefasern als Ersatz für Glasfasern. Materialwissenschaft und Werkstofftechnik. doi:10.1002/mawe.202400028

- Velosa, J. C., Silva, A., Mitchel, G. R., & Curto, J. M. R. (2025). Simulation Studies to Compare Innovative Cellulose-Based Fibers Composites Printed Circuit Border with Glass Fibres Key Engineering Materials (Vol. 1026, pp. 37-47). doi:10.4028/p-2Aufd2

- de Oliveira Mendes, A. D. O., Costa, V. L. D., Vieira, J. C., Videira, P. E. M., Nunes, M. J. R. M., Gaspar, A., Pinto, P., Baldaia, J., Curto, J. M. R., & Amaral, M. E. (2025). UV-Accelerated Aging of PLA and PP-Based Biocomposites: A Spectral and Colorimetric Study. Journal of Composites Science, 9(7). doi:10.3390/jcs9070317

- de Oliveira Mendes, A. D. O., Vieira, J. C., Carta, A. M., Curto, J. M. R., Amaral, M. E., Costa, A. P., & Fiadeiro, P. T. (2025). Tissue Paper Softness: A Comparison Between Different Experimental Assessment Approaches. Materials, 18(2). doi:10.3390/ma18020228

- de Oliveira Mendes, A. D. O., Vieira, J. C., Costa, V. L. D., Pinto, P., Soares, B., Barata, P., Curto, J. M. R., Amaral, M. E., Costa, A. P., & Fiadeiro, P. T. (2025). Macro Stickies Content Evaluation of Different Cellulose-Based Materials Through Image Analysis. Recycling, 10(2). doi:10.3390/recycling10020069

- Afonso, A., Ribeiro, C., Carvalho, M. J., Correia, T., Correia, P., Regato, M., Costa, I., Fernandes, A., Almeida, A., Lopes, A., & Carvalho, F. (2024). Pretreated Agro-Industrial Effluents as a Source of Nutrients for Tomatoes Grown in a Dual Function Hydroponic System: Tomato Quality Assessment. Sustainability (Switzerland), 16(1). doi:10.3390/su16010315

- Afonso, C., Sousa, C. Y., Farinon, D. M., Lopes, A., & Fernandes, A. (2024). Electrochemical Oxidation of Pollutants in Textile Wastewaters Using BDD and Ti-Based Anode Materials. Textiles, 4(4), 521-529. doi:10.3390/textiles4040030

- Almeida, R. O., Ramos, A., Kimiaei, E., Österberg, M., Maloney, T. C., & Gamelas, J. A. F. (2024). Improvement of the properties of nanocellulose suspensions and films by the presence of residual lignin. Cellulose, 31(18), 10951-10967. doi:10.1007/s10570-024-06222-y

- Almeida, R., Ramos, A., Håkonsen, V., Maloney, T., & Gamelas, J. (2024). Functionalized cellulose nanofiber films as potential substitutes for Japanese paper. Carbohydrate Polymer Technologies and Applications, 8 C7 – 100573. doi:10.1016/j.carpta.2024.100573

- Amorim, L. F. A., Mouro, C., & Gouveia, I. C. (2024). Electrospun fiber materials based on polysaccharides and natural colorants for food packaging applications. Cellulose, 31(10), 6043-6069. doi:10.1007/s10570-024-05956-z

- Antunes, C., Costa, A. P., Vieira, A. C., & Vieira, J. C. (2024). Mechanical Behaviour of Green Epoxy Composites Reinforced with Sheep and Dog Wool from Serra Da Estrela. Polymers, 16(22 C7 – 3115). doi:10.3390/polym16223115

- Belino, N. J. R., Barata, T. R. A., & Paul, R. (2024). Electrospinning drafting system for polyamide 6 and polyamide 6.6 nanofiber production. Textile Research Journal, 94(3-4), 341-356. doi:10.1177/00405175231205320

- Belino, N., Paul, R., Pardeshi, P., & Seth, R. (2024). Functional finishing and smart coating Sustainable Innovations in the Textile Industry (pp. 377-404). doi:10.1016/B978-0-323-90392-9.00014-8

- Carrasco, F., Hernández, W., Castro, N., Guerrero, M., Tamariz-Angeles, C., Olivera-Gonzales, P., Echevarría-Rodríguez, D., Raposo, C., Silva, L. A., & Rodilla, J. M. (2024). Identification and determination of usnic acid and fatty acid from various lichen species in arequipa, Peru, as well as antibacterial and antioxidant capacity. Heliyon, 10(21 C7 – e39703). doi:10.1016/j.heliyon.2024.e39703

- Cassemiro, A., Motta, L. J., Fiadeiro, P., & Fonseca, E. (2024). Predictive Model of the Effects of Skin Phototype and Body Mass Index on Photobiomodulation Therapy for Orofacial Disorders. Photonics, 11(11 C7 – 1038). doi:10.3390/photonics11111038

- Costa, A. P. O., Seabra, M. R. R., César de Sá, J. M. A., & Santos, A. D. (2024). Manufacturing process encoding through natural language processing for prediction of material properties. Computational Materials Science, 237 C7 – 112896. doi:10.1016/j.commatsci.2024.112896

- Cunha, A. E. P., & Simões, R. M. S. (2024). Effect of eucalyptus globulus pulp properties on fock reactivity. Cellulose, 31(17), 10477-10494. doi:10.1007/s10570-024-06215-x

- Damaceno, T. P., Cunha, A. E. P., Simões, R. M. S., & Vaz, Á. F. C. (2024). Conversion of WastePaper into Dissolving Pulp: A Path for Circular Bioeconomy. ChemistrySelect, 9(30 C7 – e202401762). doi:10.1002/slct.202401762

- Gomes, A. S., Fiadeiro, P. T., Vieira, A. C., & Vieira, J. C. (2024). Viability Study of Serra da Estrela Dog Wool to Produce Green Composites. Polymers, 16(5 C7 – 718). doi:10.3390/polym16050718

- Gonçalves, V., Albuquerque, A., Almeida, P. G., Ferreira Gomes, L., & Cavaleiro, V. (2024). Delineation of Potential Groundwater Zones and Assessment of Their Vulnerability to Pollution from Cemeteries Using GIS and AHP Approaches Based on the DRASTIC Index and Specific DRASTIC. Water (Switzerland), 16(4). doi:10.3390/w16040585

- Gouveia, C., Loss, C., Pinho, P., Vieira, J., & Albuquerque, D. (2024). Low-Profile Textile Antenna for Bioradar Integration Into Car Seat Upholstery: Wireless acquisition of vital signs while on the road. IEEE Antennas and Propagation Magazine, 66(1), 22-33.

doi:10.1109/MAP.2023.3254484

- Gupta, S., Fernandes, A., Lopes, A., Grasa, L., & Salafranca, J. (2024). Microbes and Parameters Influencing Dark Fermentation for Hydrogen Production. Applied Sciences (Switzerland), 14(23 C7 – 10789). doi:10.3390/app142310789

- Gupta, S., Fernandes, A., Lopes, A., Grasa, L., & Salafranca, J. (2024). Photo- Fermentative Bacteria Used for Hydrogen Production. Applied Sciences (Switzerland), 14(3 C7 – 1191). doi:10.3390/app14031191

- Lahlou, R. A., Gonçalves, A. C., Bounechada, M., Nunes, A. R., Soeiro, P., Alves, G., Moreno, D. A., Garcia-Viguera, C., Raposo, C., Silvestre, S., Rodilla, J. M., Ismael, M. I., & Silva, L. R. (2024). Antioxidant, Phytochemical, and Pharmacological Properties of Algerian Mentha aquatica Extracts. Antioxidants, 13(12 C7 – 1512). doi:10.3390/antiox13121512

- Madeira, L., Ribau Teixeira, M., & Carvalho, F. (2024). Modeling and optimization of atmospheric CO2 capture for neutralization of high alkaline wastewaters using response surface methodology. Journal of CO2 Utilization, 81. doi:10.1016/j.jcou.2024.102705

- Marchiori, L., Morais, M. V., Studart, A., Albuquerque, A., Andrade Pais, L., Ferreira Gomes, L., & Cavaleiro, V. (2024). Energy Harvesting Opportunities in Geoenvironmental Engineering. Energies, 17(1). doi:10.3390/en17010215

- Marchiori, L., Studart, A., Morais, M. V., Albuquerque, A., Andrade Pais, L., & Cavaleiro, V. (2024). Environmental-chemical compatibility of granitic-mining waste for liner material. Paper presented at the WASTES: Solutions, Treatments and Opportunities IV – Selected papers from the 6th International Conference Wastes, 2023. doi:10.1201/9781003345084-34

- Marcolino, E., Salavarria, D., da Silva, L. G. M., Almeida, A., Oliveira da Silva, F. M., Ribeiro, C., & Dias, J. (2024). Valorization of baobab seeds (Adansonia digitata) as a coffee-like beverage: evaluation of roasting time on bioactive compounds. Journal of Food Science and Technology, 61(4), 727-733. doi:10.1007/s13197-023-05873-2

- Mascarenhas, F. J. R., Dias, A. M. P. G., Christoforo, A. L., Simões, R. M. S., & Dias, A. M. A. (2024). Experimental investigation on the influence of microwave technology on the treatability and mechanical properties of Portuguese southern blue gum wood. Case Studies in Construction Materials, 20. doi:10.1016/j.cscm.2023.e02698

- Mascarenhas, F. J. R., Dias, A. M. P. G., Christoforo, A. L., Simões, R. M. S., Cunha, A. E. P., Carneiro, L. C. P., & Dias, A. M. A. (2024). Analysis of the Treatability, Water Repellency Efficiency, and Dimensional Stability of Maritime Pine after Microwave Drying. BioResources, 19(3), 4292-4312. doi:10.15376/biores.19.3.4292-4312

- Mascarenhas, F. J. R., Simões, R. M. D. S., Dias, A. M. P. G., Christoforo, A. L., & Cunha, A. E. P. (2024). Moisture and Temperature Profiles of Heartwood Pinus pinaster Ait. Wood Specimens during Microwave Drying. Forests, 15(6 C7 – 944). doi:10.3390/f15060944

- Moreira, R., Pereira, V. A., Rebelo, R. C., Gomes, J., Delgado, M., Barreira, P., Simões, R., Coelho, J. F. J., & Serra, A. C. (2024). A new and easy-to- implement green packaging option with recycled paperboard and PBAT film. Polymer, 311 C7 – 127480.

doi:10.1016/j.polymer.2024.127480

- Mouro, C., & Gouveia, I. C. (2024). Electrospun wound dressings with antibacterial function: a critical review of plant extract and essential oil incorporation. Critical Reviews in Biotechnology, 44(4), 641-659. doi:10.1080/07388551.2023.2193859

- Mouro, C., Gomes, A. P., & Gouveia, I. C. (2024). From Hemp Waste to Bioactive Nanofiber Composites: Deep Eutectic Solvents and Electrospinning in Upcycling Endeavors. Gels, 10(1). doi:10.3390/gels10010001

- Mouro, C., Gomes, A. P., & Gouveia, I. C. (2024). Microbial Exopolysaccharides: Structure, Diversity, Applications, and Future Frontiers in Sustainable Functional Materials. Polysaccharides, 5(3), 241-287. doi:10.3390/polysaccharides5030018

- Mouro, C., Palmeria-de-Oliveira, A., Gomes, A. P., & Cristina Gouveia, I. (2024). Anti-candidiasis functional material for women's cotton undergarments. Textile Research Journal, 94(21-22), 2363-2372. doi:10.1177/00405175241243008

- Neiva, D. M., Godinho, M. C., Simões, R. M. S., & Gominho, J. (2024). Encouraging Invasive Acacia Control Strategies by Repurposing Their Wood Biomass Waste for Pulp and Paper Production. Forests, 15(5 C7 – 822). doi:10.3390/f15050822

- Nouioua, T., Marchiori, L., Albuquerque, A., Silva, F., Andrade Pais, L., & Cavaleiro, V. (2024). Analysis of the chemical properties of almond and walnut shells for use in earthworks. Paper presented at the WASTES: Solutions, Treatments and Opportunities IV – Selected papers from the 6th International Conference Wastes, 2023. doi:10.1201/9781003345084-48

- Nunes, M., García-Orduña, P., Atrián-Blasco, E., Costa Vieira, J., Costa, A. P., Cabral Amaral, M. E., Claro, A., Ferreira, T., & Mitchell, S. G. (2024). Polyoxometalate-Ionic Liquids for Mitigating the Effects of Iron Gall Ink Corrosion on Cellulosic Supports. ACS Omega. doi:10.1021/acsomega.4c04925

- Nunes, P. J., Pereira, R. F. P., Nunes, S. C., Correia, S. F. H., Fu, L., Ferreira, R. A. S., Fernandes, M., & Bermudez, V. D. Z. (2024). POE-Mediated Tunable Quantum Yield of Carbon Dots?Derived From Agapanthus Africanus (L.) Hoffmann Leaves. Small. doi:10.1002/smll.202404717

- Nunes, S. C., Duarte, T. A. G., Pereira, R. F. P., Fu, L., Ferreira, R. A. S., Almeida, P., & de Zea Bermudez, V. (2024). Eco-friendly innovation: three-mode sun- actuated thermotropic devices integrating ?-carrageenan-based film doped with Arundo donax leaf-derived carbon dots and 1-butyl-3-methyl-1H- imidazolium chloride. Journal of Materials Chemistry A, 13(1), 743-761. doi:10.1039/d4ta06890d

- Nunes, S. C., Gomes, A. P., Nunes, P., Fernandes, M., Maia, A., Bacelar, E., Rocha, J., Cruz, R., Boatto, A., Ravishankar, A. P., Casal, S., Anand, S., Bermudez, V. D. Z., & Crespí, A. L. (2024). Corrigendum: Leaf surfaces and neolithization – the case of Arundo donax L(Front. Plant Sci., (2022), 13, (999252), 10.3389/ fpls.2022.999252). Frontiers in Plant Science, 15 C7 – 1452859. doi:10.3389/fpls.2024.1452859

- Nunes, S. C., Nunes, P., Fernandes, M., Maia, A., Bacelar, E., Cruz, R., Boatto, A., Rocha, J.,

Casal, S., Zea Bermudez, V. D., & Crespí, A. L. (2024). Crocosmia x crocosmiiflora: leaf cuticle and bioclimatic variability. Plant Biosystems, 158(6), 1468-1481. doi:10.1080/11263504.2024.2424239

- Parente, J. M., Simoes, R., Silva, A. P., & Reis, P. N. B. (2024). Impact of the Curing Temperature on the Manufacturing Process of Multi-Nanoparticle-Reinforced Epoxy Matrix Composites. Materials, 17(8 C7 – 1930). doi:10.3390/ma17081930

- Rebelo, A., Franco, A., Quadrado, F., Reis, V., Batista, S., Garcia, A. I., Ferreira, R., Quintas, A., & Marques, A. M. (2024). Substantial damage to surface water in the context of environmental crimes. Environmental Science: Advances, 3(3), 422-435. doi:10.1039/d3va00381g

- Rodilla, J. M., Rosado, T., & Gallardo, E. (2024). Essential Oils: Chemistry and Food Applications. Foods, 13(7 C7 – 1074). doi:10.3390/foods13071074

- Santos, F. M., Nunes, S. C., & de Zea Bermudez, V. (2024). Looking beyond biology: glycosaminoglycans as attractive platforms for energy devices and flexible electronics. Energy Advances, 3(8), 1766-1843. doi:10.1039/d4ya00155a

- Satiro, J., Gomes, A., Florencio, L., Simões, R., & Albuquerque, A. (2024). Effect of microalgae and bacteria inoculation on the startup of bioreactors for paper pulp wastewater and biofuel production. Journal of Environmental Management, 362 C7 – 121305. doi:10.1016/j.jenvman.2024.121305

- Satiro, J., dos Santos Neto, A. G., Marinho, T., Sales, M., Marinho, I., Kato, M. T., Simões, R., Albuquerque, A., & Florencio, L. (2024). The Role of the Microalgae–Bacteria Consortium in Biomass Formation and Its Application in Wastewater Treatment Systems: A Comprehensive Review. Applied Sciences (Switzerland), 14(14 C7 – 6083). doi:10.3390/app14146083

- Schuler, S. S. V., Campos, M. C. V., Lacerda, A. J., Mazzoni, A. C., Silva, T., da Silva, F. C., Martins, M. D., Fernandes, K. P. S., Fonseca, E. S., Mesquita- Ferrari, R. A., Horliana, A. C. R. T., Bussadori, S. K., & Motta, L. J. (2024). Dosimetry model for photobiomodulation based on anthropometric and hemodynamic variables in patients with orofacial pain postCovid-19: Study protocol for randomized clinical trial. PLoS ONE, 19(10 October C7 – e0309073). doi:10.1371/journal.pone.0309073

- Simões, A., Ramos, A., Domingues, F., & Luís, Â. (2024). Pullulan-Tween 40 emulsified films containing geraniol: production and characterization as potential food packaging materials. European Food Research and Technology. doi:10.1007/s00217-024-04514-y

- Studart, A., Marchiori, L., Morais, M. V., Albuquerque, A., Cavaleiro, V., Boscov, M. E. G., & Strozberg, I. (2024). Assessment of iron slag properties for granular soil reinforcement. Paper presented at the WASTES: Solutions, Treatments and Opportunities IV – Selected papers from the 6th International Conference Wastes, 2023. doi:10.1201/9781003345084-32

- Tavares, J., Loss, C., Pinho, P., & Alves, H. (2024). Flexible Textile Antennas for 5G Using Eco-Friendly Water-Based Solution and Scalable Printing Processes. Advanced Materials Technologies, 9(6). doi:10.1002/admt.202301499

- Afonso, A., Regato, M., Patanita, M., Luz, S., Carvalho, M. J., Fernandes, A., Lopes, A., Almeida, A., Costa, I., & Carvalho, F. (2023). Reuse of Pretreated Agro-Industrial Wastewaters for Hydroponic Production of Lettuce. Water (Switzerland), 15(10). doi:10.3390/w15101856

- Aguiar, T., Baumann, L., Albuquerque, A., Teixeira, L., de Souza Gil, E., & Scalize, P. (2023). Application of Electrocoagulation for the Removal of Transition Metals in Water. Sustainability (Switzerland), 15(2). doi:10.3390/su15021492

- Alves, L., Ramos, A., Ferraz, E., Ferreira, P. J. T., Rasteiro, M. G., & Gamelas, J. A. F. (2023). Design of cellulose nanofibre-based composites with high barrier properties. Cellulose. doi:10.1007/s10570-023-05495-z

- Alves, L., Ramos, A., Ferraz, E., Sanguino, P., Santarén, J., Rasteiro, M. G., & Gamelas, J. A. F. (2023). Effect of the dispersion state of minerals on the properties of cellulose nanofiber-based composite films. Applied Clay Science, 233. doi:10.1016/j.clay.2023.106823

- Amorim, L. F. A., Li, L., Gomes, A. P., Fangueiro, R., & Gouveia, I. C. (2023). Sustainable bacterial cellulose production by low cost feedstock: evaluation of apple and tea by-products as alternative sources of nutrients. Cellulose, 30(9), 5589-5606. doi:10.1007/s10570-023-05238-0

- Antão-Geraldes, A. M., Pinto, M., Afonso, M. J., Albuquerque, A., Calheiros, C. S. C., & Silva, F. (2023). Promoting Water Efficiency in a Municipal Market Building: A Case Study. Hydrology, 10(3). doi:10.3390/hydrology10030069

- Basso, R., Santana, K., Honório, M., Costa, I., Leitão, S., Albuquerque, A., & Scalize, P. (2023). Identification of Homogeneous Regions of Specific Minimum Flows in the State of Goiás, Brazil. Journal of Ecological Engineering, 24(4), 357-367. doi:10.12911/22998993/161078

- Belino, N. J. R., Barata, T. R. A., & Paul, R. (2023). Electrospinning drafting system for polyamide 6 and polyamide 6.6 nanofiber production. Textile Research Journal. doi:10.1177/00405175231205320

- Belino, N., Rodilla, J., & Paul, R. (2023). Biodyes: A sustainable approach for textile dyeing Natural Secondary Metabolites: From Nature, Through Science, to Industry (pp. 893-922). doi:10.1007/978-3-031-18587-8_28

- Carvalho, F., Coimbra, A. T., Silva, L., Duarte, A. P., & Ferreira, S. (2023). Melissa officinalis essential oil as an antimicrobial agent against Listeria monocytogenes in watermelon juice. Food Microbiology, 109. doi:10.1016/j.fm.2022.104105

- Coelho, J., Costa, V., de Sousa, A. M., Pinto, P., Ramos, A., Simões, R., & Vaz, Á. (2023). Vessel picking in Eucalyptus globulus bleached kraft pulp sheets: Effect of mechanical and enzymatic treatment. Bioresource Technology Reports, 22. doi:10.1016/j.biteb.2023.101496

- Coimbra, A., Miguel, S., Ribeiro, M., Coutinho, P., Silva, L. A., Ferreira, S., & Duarte, A. P. (2023). Chemical composition, antioxidant, and antimicrobial activities of six commercial essential oils. Letters in Applied Microbiology, 76(1). doi:10.1093/lambio/ovac042

- Cubas, A. L. V., Moecke, E. H. S., Provin, A. P., Dutra, A. R. A., Machado, M. M., & Gouveia, I. C. (2023). The Impacts of Plastic Waste from Personal Protective Equipment Used during the COVID-19 Pandemic. Polymers, 15(15). doi:10.3390/polym15153151

- Cubas, A. L. V., Provin, A. P., Dutra, A. R. A., Mouro, C., & Gouveia, I. C. (2023). Advances in the Production of Biomaterials through Kombucha Using Food Waste: Concepts, Challenges, and Potential. Polymers, 15(7). doi:10.3390/polym15071701

- Cunha, A. E. P., & Simões, R. M. S. (2023). Dissolving Kraft Pulp Production and Xylooligosaccharide Coproduction: Effect of Pre-Hydrolysis Conditions. ACS Omega, 8(15), 13626-13638. doi:10.1021/acsomega.2c07594

- Cunha, A. E. P., Sátiro, J. R., Escobar, B. P., & Simões, R. M. S. (2023). Chlorella vulgaris growth, pigment and lipid accumulation: effect of progressive light and hydrogen peroxide exposure. Journal of Chemical Technology and Biotechnology, 98(2), 442-450. doi:10.1002/jctb.7256

- Cunha, T., Pinho, P., Loss, C., Gouveia, C., & Albuquerque, D. (2023). Textile Cardiopulmonary Antenna Design. Paper presented at the 17th European Conference on Antennas and Propagation, EuCAP 2023. doi:10.23919/EuCAP57121.2023.10133628

- Gaspar, D., Martins, J., Carvalho, J. T., Grey, P., Simões, R., Fortunato, E., Martins, R., & Pereira, L. (2023). Alkali-Doped Nanopaper Membranes Applied as a Gate Dielectric in FETs and Logic Gates with an Enhanced Dynamic Response. ACS Applied Materials and Interfaces, 15(6), 8319-8326. doi:10.1021/acsami.2c20486

- Gonçalves, V., Albuquerque, A., Carvalho, P., Almeida, P., & Cavaleiro, V. (2023). Groundwater Vulnerability Assessment to Cemeteries Pollution through GIS-Based DRASTIC Index. Water (Switzerland), 15(4). doi:10.3390/w15040812

- Gonçalves-Pereira, R., Figueiredo, J. A., Lucas, S. D., García-Moreno, M. I., Mellet, C. O., Rauter, A. P., & Ismael, M. I. (2023). Synthesis, Biological Evaluation, and Docking Studies of Open-Chain Carbohydrate Amides as Acetylcholinesterase Inhibitors. Medicinal Chemistry, 19(6), 570-577. doi:10.2174/1573406419666221202154219

- Gouveia, C., Loss, C., Pinho, P., Vieira, J., & Albuquerque, D. (2023). Low-Profile Textile Antenna for Bioradar Integration Into Car Seat Upholstery: <italic>Wireless acquisition of vital signs while on the road.</italic&gt. IEEE Antennas and Propagation Magazine, 2-12. doi:10.1109/MAP.2023.3254484

- Madeira, L., Almeida, A., da Costa, A. M. R., Mestre, A. S., Carvalho, F., & Teixeira, M. R. (2023). Tunning processes for organic matter removal from slaughterhouse wastewater treated by immediate one-step lime precipitation and atmospheric carbonation. Journal of Environmental Chemical Engineering, 11(5). doi:10.1016/j.jece.2023.110450

- Madeira, L., Carvalho, F., Almeida, A., & Ribau Teixeira, M. (2023). Integrated Process of Immediate One-Step Lime Precipitation, Atmospheric Carbonation, Constructed Wetlands, or Adsorption for Industrial Wastewater Treatment: A Review. Water (Switzerland), 15(22). doi:10.3390/w15223929

- Madeira, L., Carvalho, F., Almeida, A., & Ribau Teixeira, M. (2023). Optimization of atmospheric carbonation in the integrated treatment immediate one-step lime precipitation and atmospheric carbonation. The case study of slaughterhouse effluents. Results in Engineering, 17. doi:10.1016/j.rineng.2022.100807

- Madeira, L., Ribau Teixeira, M., Almeida, A., Santos, T., & Carvalho, F. (2023). Reuse of lime sludge from immediate one-step lime precipitation process as a coagulant (aid) in slaughterhouse wastewater treatment. Journal of Environmental Management, 342. doi:10.1016/j.jenvman.2023.118278

- Marchiori, L., Studart, A., Morais, M. V., Albuquerque, A., & Cavaleiro, V. (2023). Geotechnical Characterization of Vegetal Biomass Ashes Based Materials for Liner Production RILEM Bookseries (Vol. 41, pp. 67-82).

- Martins, P., Miguel, R., Pina, L., & Pereira, M. (2023). Consumer Involvement and Ideologies on the Co-creation of Fashion Products Springer Series in Design and Innovation (Vol. 25, pp. 281-297).

- Martins, R., Mouro, C., Pontes, R., Nunes, J., & Gouveia, I. (2023). Natural Deep Eutectic Solvent Extraction of Bioactive Pigments from Spirulina platensis and Electrospinning Ability Assessment. Polymers, 15(6). doi:10.3390/polym15061574

- Martins, R., Mouro, C., Pontes, R., Nunes, J., & Gouveia, I. (2023). Ultrasound-assisted extraction of bioactive pigments from Spirulina platensis in natural deep eutectic solvents. Bioresources and Bioprocessing, 10(1). doi:10.1186/s40643-023-00692-x

- Martins, R., Sales, H., Pontes, R., Nunes, J., & Gouveia, I. (2023). Food Wastes and Microalgae as Sources of Bioactive Compounds and Pigments in a Modern Biorefinery: A Review. Antioxidants, 12(2). doi:10.3390/antiox12020328

- Mascarenhas, F. J. R., Dias, A. M. P. G., Christoforo, A. L., Simões, R. M. D. S., & Cunha, A. E. P. (2023). Microwave Treatments and Their Effects on Selected Properties of Portuguese Pinus pinaster Aiton. and Eucalyptus globulus Labill. Wood. Forests, 14(8). doi:10.3390/f14081671

- Mascarenhas, F., Dias, A., Christoforo, A., & Simões, R. (2023). MICROWAVE TECHNOLOGY AND ITS APPLICATIONS TO WOOD TREATMENT AND MODIFICATION. Paper presented at the 13th World Conference on Timber Engineering, WCTE 2023. doi:10.52202/069179-0005

- Miguel, S. P., D'Angelo, C., Ribeiro, M. P., Simões, R., & Coutinho, P. (2023). Chemical Composition of Macroalgae Polysaccharides from Galician and Portugal Coasts: Seasonal Variations and Biological Properties. Marine Drugs, 21(11). doi:10.3390/md21110589

- Morais, F. P., & Curto, J. M. R. (2023). 3D simulation of nano/micro cellulose delivery systems for dermic and respiratory applications: Case study of eucalyptus essential oil incorporation. Materialwissenschaft und Werkstofftechnik, 54(4), 450-458. doi:10.1002/mawe.202200284

- Morais, F. P., Mendes, A. O., Carta, A. M. M. S., Fiadeiro, P. T., Amaral, M. E., & Curto, J. M.

R. (2023). A 3D Fiber-Based Strategy for Optimization of Tissue Materials Using a Combination of Liquid Absorbency/Retention Methods Advanced Structured Materials (Vol. 171, pp. 81-113).

- Morais, M. V., Marchiori, L., Albuquerque, A., & Cavaleiro, V. (2023). Physical Methods and Scanning Electron Microscopy for Evaluation of Bioclogging in Geotextiles RILEM Bookseries (Vol. 41, pp. 203-211).

- Mouro, C., & Gouveia, I. C. (2023). Electrospun wound dressings with antibacterial function: a critical review of plant extract and essential oil incorporation. Critical Reviews in Biotechnology. doi:10.1080/07388551.2023.2193859

- Mouro, C., Gomes, A. P., & Gouveia, I. C. (2023). Emulsion Electrospinning of PLLA/PVA/Chitosan with Hypericum perforatum L. as an Antibacterial Nanofibrous Wound Dressing. Gels, 9(5). doi:10.3390/gels9050353

- Mouro, C., Gomes, A. P., Costa, R. V., Moghtader, F., & Gouveia, I. C. (2023). The Sustainable Bioactive Dyeing of Textiles: A Novel Strategy Using Bacterial Pigments, Natural Antibacterial Ingredients, and Deep Eutectic Solvents. Gels, 9(10). doi:10.3390/gels9100800

- Mouro, C., Martins, R., Gomes, A. P., & Gouveia, I. C. (2023). Upcycling Wool Waste into Keratin Gel-Based Nanofibers Using Deep Eutectic Solvents. Gels, 9(8). doi:10.3390/gels9080661

- Nunes, P., Nunes, S. C., Pereira, R. F. P., Cruz, R., Rocha, J., Ravishankar, A. P., Fernandes, L., Bacelar, E., Casal, S., Anand, S., Crespí, A. L., Fernandes, M., & de Zea Bermudez, V. (2023). The leaf of Agapanthus africanus (L.) Hoffm.: A physical-chemical perspective of terrestrialization in the cuticle. Environmental and Experimental Botany, 208. doi:10.1016/j.envexpbot.2023.105240

- Pedro, S., Pereira, L., Domingues, F., Ramos, A., & Luís, Â. (2023). Optimization of Whey Protein-Based Films Incorporating Foeniculum vulgare Mill. Essential Oil. Journal of Functional Biomaterials, 14(3). doi:10.3390/jfb14030121

- Ramalho, M., Jovanovi?, T., Afonso, A., Baía, A., Lopes, A., Fernandes, A., Almeida, A., & Carvalho, F. (2023). Landfill leachate treatment by immediate one-step lime precipitation, carbonation, and phytoremediation fine-tuning. Environmental Science and Pollution Research, 30(4), 8647-8656. doi:10.1007/s11356-022-18729-7

- Reis, B., Pereira, M., Jerónimo, N. A., & Azevedo, S. (2023). Studying Genderless Fashion Design: Triangulation Method in Fashion Research Springer Series in Design and Innovation (Vol. 25, pp. 269-280).

- Rito, C., Pereira, M., & Cruchinho, A. (2023). The Cultural Identity of a Country as a Competitive Factor in Fashion Design: The Impact of Academic Education on the Construction of National Brands Springer Series in Design and Innovation (Vol. 25, pp. 248-259).

- Santos, C., Ramos, A., Luís, Â., & Amaral, M. E. (2023). Production and Characterization of k-Carrageenan Films Incorporating Cymbopogon winterianus Essential Oil as New Food

Packaging Materials. Foods, 12(11). doi:10.3390/foods12112169

- Sedira, N., Pinto, J., Ginja, M., Gomes, A. P., Nepomuceno, M. C. S., & Pereira, S. (2023). Investigating the Architecture and Characteristics of Asian Hornet Nests: A Biomimetics Examination of Structure and Materials. Materials, 16(21). doi:10.3390/ma16217027

- Silva, F., Calheiros, C. S. C., Albuquerque, A., Lopes, J. P., & Antão-Geraldes, A. M. (2023). Technical and Financial Feasibility Analysis of Rainwater Harvesting Using Conventional or Green Roofs in an Industrial Building. Sustainability (Switzerland), 15(16). doi:10.3390/su151612430

- Silva, F., Calheiros, C. S. C., Valle, G., Pinto, P., Albuquerque, A., & Antão-Geraldes, A. M. (2023). Influence of Green Roofs on the Design of a Public Stormwater Drainage System: A Case Study. Sustainability (Switzerland), 15(7). doi:10.3390/su15075762

- Simoes, R. M. S., Ferreira, C. I. A., Pires, F., Martins, M., Ramos, A., Sousa, A. P. M., Pinto, P. C. R., & Jorge, R. (2023). Recycling performance of softwood and hardwood unbleached kraft pulps for packaging papers. Tappi Journal, 22(2), 73-86. doi:10.32964/tj22.2.73

- Souiad, F., Bendaoud-Boulahlib, Y., Chibani, A., & Lopes, A. (2023). Valorization of Citrus reticulata (Mandarin) Waste in Inhibition of Scaling Deposit of Natural Hard Water, Electrochemical and Morphological Characterization. Waste and Biomass Valorization, 14(1), 227-235. doi:10.1007/s12649-022-01813-x

- Souli, I., Afonso, C., Lopes, A., Pacheco, M. J., Ciríaco, L., Labiadh, L., Ammar, S., & Fernandes, A. (2023). Treatment of fish canning wastewater by electrochemical oxidation process. Journal of Water Process Engineering, 56. doi:10.1016/j.jwpe.2023.104423

- Tavares, J., Loss, C., Pinho, P., & Alves, H. (2023). Flexible textile antenna for detection of 5G bandwidth in wearable systems. Paper presented at the 2023 53rd European Microwave Conference, EuMC 2023. doi:10.23919/EuMC58039.2023.10290264

- Vaz, Á., Coelho, J., Costa, V., Maloney, T., Phiri, J., Pinto, P., de Sousa, A. M., & Simões, R. (2023). Effect of enzymatic treatment on Eucalyptus globulus vessels passivation. Scientific Reports, 13(1). doi:10.1038/s41598-023-29861-w

- Velhinho, J., Fonseca, E., & Serôdio, R. (2023). General solutions to decay chain equations. Computer Physics Communications, 283 C7 – 108582. doi:10.1016/j.cpc.2022.108582

- Vieira, J. C., Fiadeiro, P. T., & Costa, A. P. (2023). Converting Operations Impact on Tissue Paper Product Properties – A Review. BioResources, 18(1). doi:10.15376/biores.18.1.Vieira

- Vieira, J. C., Vieira, A. C., Ribeiro, M. L., Fiadeiro, P. T., & Costa, A. P. (2023). Angle of the Perforation Line to Optimize Partitioning Efficiency on Toilet Papers. Eng, 4(1), 80-91. doi:10.3390/eng4010005

- Wagih, M., Balocchi, L., Benassi, F., Carvalho, N. B., Chiao, J. C., Correia, R., Costanzo, A., Cui, Y., Georgiadou, D., Gouveia, C., Grosinger, J., Ho, J. S., Hu, K., Komolafe, A., Lemey, S., Loss, C., Marrocco, G., Mitcheson, P., Palazzi, V., Panunzio, N., Paolini, G., Pinho, P., Preishuber-Pflugl, J., Qaragoez, Y., Rahmani, H., Rogier, H., Lopera, J. R., Roselli, L.,

Schreurs, D., Tentzeris, M., Tian, X., Torah, R., Torres, R., Van Torre, P., Vital, D., & Beeby, S. (2023). Microwave-Enabled Wearables: Underpinning Technologies, Integration Platforms, and Next-Generation Roadmap. IEEE Journal of Microwaves, 3(1), 193-226. doi:10.1109/JMW.2022.3223254

- Addo-Bankas, O., Zhao, Y., Gomes, A., & Stefanakis, A. (2022). Challenges of Urban Artificial Landscape Water Bodies: Treatment Techniques and Restoration Strategies towards Ecosystem Services Enhancement. Processes, 10(12). doi:10.3390/pr10122486

- Almeida, E., Soares, S., Gonçalves, J., Rosado, T., Fernández, N., Rodilla, J. M., Passarinha, L. A., Barroso, M., & Gallardo, E. (2022). Stability of Cocaine, Opiates, and Metabolites in Dried Saliva Spots. Molecules, 27(3). doi:10.3390/molecules27030641

- Alves, L., Ramos, A., Rasteiro, M. G., Vitorino, C., Ferraz, E., Ferreira, P. J. T., Puertas, M. L., & Gamelas, J. A. F. (2022). Composite Films of Nanofibrillated Cellulose with Sepiolite: Effect of Preparation Strategy. Coatings, 12(3). doi:10.3390/coatings12030303

- Amirpour, H., Pinheiro, A. M. G., Fonseca, E., Ghanbari, M., & Pereira, M. (2022). Quality Evaluation of Holographic Images Coded With Standard Codecs. IEEE Transactions on Multimedia, 24, 3256-3264. doi:10.1109/TMM.2021.3096059

- Amorim, L. F. A., Fangueiro, R., & Gouveia, I. C. (2022). Characterization of Bioactive Colored Materials Produced from Bacterial Cellulose and Bacterial Pigments. Materials, 15(6). doi:10.3390/ma15062069

- Amorim, L. F. A., Fangueiro, R., & Gouveia, I. C. (2022). Novel functional material incorporating flexirubin-type pigment in polyvinyl alcohol_kefiran/polycaprolactone nanofibers. Journal of Applied Polymer Science, 139(48). doi:10.1002/app.53208

- Amorim, L. F. A., Gomes, A. P., & Gouveia, I. C. (2022). Design and Preparation of a Biobased Colorimetric pH Indicator from Cellulose and Pigments of Bacterial Origin, for Potential Application as Smart Food Packaging. Polymers, 14(18). doi:10.3390/polym14183869

- Amorim, L. F. A., Mouro, C., Riool, M., & Gouveia, I. C. (2022). Antimicrobial Food Packaging Based on Prodigiosin-Incorporated Double-Layered Bacterial Cellulose and Chitosan Composites. Polymers, 14(2). doi:10.3390/polym14020315

- Ayanoglu, S. G., Pereira, M., & Duarte, E. (2022). User-Oriented Challenges of Smart Mobility: An Analysis of Focus Group to Identify User Behaviour Springer Series in Design and Innovation (Vol. 17, pp. 445-458).

- Basso, R., Honório, M., Costa, I., Bezerra, N., Baumann, L., Silva, F., Albuquerque, A., & Scalize, P. (2022). Comparison between Regionalized Minimum Reference Flow and On-Site Measurements in Hydrographic Basins of Rural Communities in the State of Goiás, Brazil. Water (Switzerland), 14(7). doi:10.3390/w14071016

- Baía, A., Lopes, A., Nunes, M. J., Ciríaco, L., Pacheco, M. J., & Fernandes, A. (2022). Removal of Recalcitrant Compounds from Winery Wastewater by Electrochemical Oxidation. Water (Switzerland), 14(5). doi:10.3390/w14050750

- Belino, N., Alves, E., Almeida, E., Gameiro, C., Rosado, T., Passarinha, L., Gallardo, E., Pinto, M., & Rodilla, J. (2022). Extraction Optimization of Sorghum vulgare for Natural Wool Dyeing Applications Materials Science Forum (Vol. 1063, pp. 209-223).

- Bilohan, M., Ramos, A., Domingues, F., & Luís, Â. (2022). Production and characterization of pullulan/paper/zein laminates as active food packaging materials. Journal of Food Processing and Preservation, 46(11). doi:10.1111/jfpp.17083

- Coimbra, A., Miguel, S., Ribeiro, M., Coutinho, P., Silva, L., Duarte, A. P., & Ferreira, S. (2022). Thymus zygis Essential Oil: Phytochemical Characterization, Bioactivity Evaluation and Synergistic Effect with Antibiotics against Staphylococcus aureus. Antibiotics, 11(2). doi:10.3390/antibiotics11020146

- Costa, A. P. O., Seabra, M. R. R., Santos, A. D., Ribeiro, L. M. M., & César de Sá, J. M. A. (2022). Experimental and numerical multiscale characterization of a super duplex stainless steel 25Cr-7Ni-Mo-N. Materials Today Communications, 33. doi:10.1016/j.mtcomm.2022.104903

- Costa, V. L. D., & Simões, R. M. S. (2022). Hydrophobicity improvement of cellulose nanofibrils films by stearic acid and modified precipitated calcium carbonate coating. Journal of Materials Science, 57(24), 11443-11459. doi:10.1007/s10853-022-07249-x

- Cubas, A. L. V., Bianchet, R. T., Reis, I. M. A. S. D., & Gouveia, I. C. (2022). Plastics and Microplastic in the Cosmetic Industry: Aggregating Sustainable Actions Aimed at Alignment and Interaction with UN Sustainable Development Goals. Polymers, 14(21). doi:10.3390/polym14214576

- Ferreira, E. F., Mouro, C., Silva, L., & Gouveia, I. C. (2022). Sustainable Packaging Material Based on PCL Nanofibers and Lavandula luisieri Essential Oil, to Preserve Museological Textiles. Polymers, 14(3). doi:10.3390/polym14030597

- Gonçalves, V., Albuquerque, A., Almeida, P. G., & Cavaleiro, V. (2022). DRASTIC Index GIS-Based Vulnerability Map for the Entre-os-Rios Thermal Aquifer. Water (Switzerland), 14(16). doi:10.3390/w14162448

- Guerra, R., Fonseca, E., Pinheiro, A., & Pereira, M. (2022). Holography challenges on coding and quality assessment. Paper presented at the Proceedings – European Workshop on Visual Information Processing, EUVIP. doi:10.1109/EUVIP53989.2022.9922867

- Kerboua, M., Monia, A. A., Samba, N., Silva, L., Raposo, C., Díez, D., & Rodilla, J. M. (2022). Phytochemical Composition of Lichen Parmotrema hypoleucinum (J. Steiner) Hale from Algeria. Molecules, 27(16). doi:10.3390/molecules27165229

- Lahlou, R. A., Samba, N., Soeiro, P., Alves, G., Gonçalves, A. C., Silva, L. R., Silvestre, S., Rodilla, J., & Ismael, M. I. (2022). Thymus hirtus Willd. ssp. algeriensis Boiss. and Reut: A Comprehensive Review on Phytochemistry, Bioactivities, and Health-Enhancing Effects. Foods, 11(20). doi:10.3390/foods11203195

- Marchiori, L., Albuquerque, A., & Cavaleiro, V. (2022). Granitic Mining Waste Feasibility for Liner Material Production. Paper presented at the World Congress on Civil, Structural, and

Environmental Engineering. doi:10.11159/iceptp22.203

- Marchiori, L., Studart, A., Albuquerque, A., Pais, L. A., Boscov, M. E., & Cavaleiro, V. (2022). Mechanical and Chemical Behaviour of Water Treatment Sludge and Soft Soil Mixtures for Liner Production. Open Civil Engineering Journal, 16(1). doi:10.2174/18741495-V16-E221115-2022-27

- Martins, G., Pinho, P., & Loss, C. (2022). Textile Star-Shaped Supershaped Patch Antenna for 5G Applications. Paper presented at the 2022 16th European Conference on Antennas and Propagation, EuCAP 2022.

- Morais, F. P., & Curto, J. M. R. (2022). 3D Computational Simulation and Experimental Validation of Structured Materials: Case Studies of Tissue Papers. BioResources, 17(3), 4206-4225. doi:10.15376/biores.17.3.4206-4225

- Morais, F. P., & Curto, J. M. R. (2022). Challenges in computational materials modelling and simulation: A case-study to predict tissue paper properties. Heliyon, 8(5). doi:10.1016/j.heliyon.2022.e09356

- Morais, F. P., & Curto, J. M. R. (2022). Design and Engineering of Natural Cellulose Fiber-Based Biomaterials with Eucalyptus Essential Oil Retention to Replace Non-Biodegradable Delivery Systems. Polymers, 14(17). doi:10.3390/polym14173621

- Morais, F. P., Vieira, J. C., Mendes, A. O., Carta, A. M., Costa, A. P., Fiadeiro, P. T., Curto, J. M. R., & Amaral, M. E. (2022). Characterization of absorbency properties on tissue paper materials with and without “deco” and “micro” embossing patterns. Cellulose, 29(1), 541-555. doi:10.1007/s10570-021-04328-1

- Navada, A. P., Guna, V., Paul, R., Belino, N., Tavares, M., & Reddy, N. (2022). Residues from Cajanus cajan Plant Provide Natural Cellulose Fibers Similar to Flax. Journal of Natural Fibers, 19(16), 14539-14547. doi:10.1080/15440478.2022.2068104

- Nunes, M. J., Lopes, A., Pacheco, M. J., & Ciríaco, L. (2022). Visible-Light-Driven AO7 Photocatalytic Degradation and Toxicity Removal at Bi-Doped SrTiO3. Materials, 15(7). doi:10.3390/ma15072465

- Nunes, S. C., Gomes, A. P., Nunes, P., Fernandes, M., Maia, A., Bacelar, E., Rocha, J., Cruz, R., Boatto, A., Ravishankar, A. P., Casal, S., Anand, S., Bermudez, V. D. Z., & Crespí, A. L. (2022). Leaf surfaces and neolithization – the case of Arundo donax L. Frontiers in Plant Science, 13. doi:10.3389/fpls.2022.999252

- Oliveira da Silva, F. M., Silvério, K. S., Castanheira, M. I., Raposo, M., Imaginário, M. J., Simões, I., & Almeida, M. A. (2022). Construction of Control Charts to Help in the Stability and Reliability of Results in an Accredited Water Quality Control Laboratory. Sustainability (Switzerland), 14(22). doi:10.3390/su142215392

- Pinto, C., Fernandes, A., Lopes, A., Nunes, M. J., Baía, A., Ciríaco, L., & Pacheco, M. J. (2022). Reuse of Textile Dyeing Wastewater Treated by Electrooxidation. Water (Switzerland), 14(7). doi:10.3390/w14071084

- Pinto, C., Fernandes, A., Marques, A., Ciríaco, L., Miguel, R. A. L., Lopes, A., & Pacheco, M. J. (2022). Reuse of wool dyeing wastewater after electrochemical treatment at a BDD anode. Journal of Water Process Engineering, 49. doi:10.1016/j.jwpe.2022.102972

- Reis, B., Miguel, R., Lucas, J., Pereira, M., Pinheiro, C., Santos, G., Carvalho, J., da Silva, F. M., & Silva, M. S. (2022). Functional design of tri-laminated wool fabrics improving comfort properties. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 57, 65-76. doi:10.4028/p-435hw2

- Rodrigues, A. S., Souiad, F., Fernandes, A., Baía, A., Pacheco, M. J., Ciríaco, L., Bendaoud-Boulahlib, Y., & Lopes, A. (2022). Treatment of fruit processing wastewater by electrochemical and activated persulfate processes: Toxicological and energetic evaluation. Environmental Research, 209. doi:10.1016/j.envres.2022.112868

- Santos, E., Albuquerque, A., Lisboa, I., Murray, P., & Ermis, H. (2022). Economic Assessment of Energy Consumption in Wastewater Treatment Plants: Applicability of Alternative Nature-Based Technologies in Portugal. Water (Switzerland), 14(13). doi:10.3390/w14132042

- Seabra, M., & Costa, A. (2022). Material Model Calibration Using Machine Learning: A Comparative Study. European Journal of Computational Mechanics, 31(1), 127-154. doi:10.13052/ejcm2642-2085.3115

- Sátiro, J., Cunha, A., Gomes, A. P., Simões, R., & Albuquerque, A. (2022). Optimization of Microalgae–Bacteria Consortium in the Treatment of Paper Pulp Wastewater. Applied Sciences (Switzerland), 12(12). doi:10.3390/app12125799

- Vieira, J. C., Mendes, A. D. O., Ribeiro, M. L., Vieira, A. C., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). Embossing Lines and Dots Geometry Effect on the Key Tissue Paper Properties with Finite Element Method Analysis. Polymers, 14(17). doi:10.3390/polym14173448

- Vieira, J. C., Mendes, A. O., Ribeiro, M. L., Vieira, A. C., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). Embossing Pressure Effect on Mechanical and Softness Properties of Industrial Base Tissue Papers with Finite Element Method Validation. Materials, 15(12). doi:10.3390/ma15124324

- Vieira, J. C., Mendes, A. O., Ribeiro, M. L., Vieira, A. C., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). FEM Analysis Validation of Rubber Hardness Impact on Mechanical and Softness Properties of Embossed Industrial Base Tissue Papers. Polymers, 14(12). doi:10.3390/polym14122485

- Vieira, J. C., Morais, F., de Oliveira Mendes, A., Ribeiro, M. L., Carta, A. M., Curto, J., Amaral, M. E., Fiadeiro, P. T., & Costa, A. P. (2022). Mechanical and softness characterization of “deco” and “micro” embossed tissue papers using finite element model (FEM) validation. Cellulose, 29(10), 5895-5912. doi:10.1007/s10570-022-04618-2

- Vieira, J. C., Vieira, A. C., de O. Mendes, A., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). Toilet Paper Perforation Efficiency. BioResources, 17(1), 492-503. doi:10.15376/biores.17.1.492-503

- Vieira, J. C., de O. Mendes, A., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). Correction: Optical 3D crepe reconstruction for industrial base tissue paper characterization (Cellulose, (2022), 29, 18, (9919-9934), 10.1007/s10570-022-04833-x). Cellulose, 29(18), 9935-9937. doi:10.1007/s10570-022-04866-2

- Vieira, J. C., de O. Mendes, A., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2022). Optical 3D crepe reconstruction for industrial base tissue paper characterization. Cellulose, 29(18), 9919-9934. doi:10.1007/s10570-022-04833-x

- Almeida, R. O., Ramos, A., Alves, L., Potsi, E., Ferreira, P. J. T., Carvalho, M. G. V. S., Rasteiro, M. G., & Gamelas, J. A. F. (2021). Production of nanocellulose gels and films from invasive tree species. International Journal of Biological Macromolecules, 188, 1003-1011. doi:10.1016/j.ijbiomac.2021.08.015

- Andre, L., Pinho, P., Gouveia, C., & Loss, C. (2021). Textile Antenna for First-Person View Goggles. Elektronika ir Elektrotechnika, 27(2), 49-54. doi:10.5755/j02.eie.28841

- Araujo, A. R. T. S., Périno, S., Fernandez, X., Cunha, C., Rodrigues, M., Ribeiro, M. P., Jordao, L., Silva, L. A., Rodilla, J., Coutinho, P., & Chemat, F. (2021). Solvent?free microwave extraction of thymus mastichina essential oil: Influence on their chemical composition and on the antioxidant and antimicrobial activities. Pharmaceuticals, 14(8). doi:10.3390/ph14080709

- Barata, J., & Miguel, R. (2021). Individual Motivation to Create Can Boost the Apparel and Textile Company’s Culture and Climate for Innovation: A Case Study Lecture Notes in Networks and Systems (Vol. 260, pp. 579-584).

- Bernardo, M. V., Fonseca, E., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2021). Efficient coding of experimental holograms using speckle denoising. Signal Processing: Image Communication, 96. doi:10.1016/j.image.2021.116306

- Caliari, P. C., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2021). Treatment of tannery effluent by chemical coagulation combined with batch-recirculated electro-oxidation at different anode materials. Environmental Science and Pollution Research, 28(19), 24138-24149. doi:10.1007/s11356-021-12436-5

- Carrasco, F., Hernández, W., Chupayo, O., Sheen, P., Zimic, M., Coronel, J., Álvarez, C. M., Ferrero, S., Oramas-Royo, S., Spodine, E., Rodilla, J. M., & Dávalos, J. Z. (2021). Phenylisoxazole-3/5-Carbaldehyde Isonicotinylhydrazone Derivatives: Synthesis, Characterization, and Antitubercular Activity. Journal of Chemistry, 2021. doi:10.1155/2021/6014093

- Costa, A. P. O., Sousa, R. O., Ribeiro, L. M. M., Santos, A. D., & de Sá, J. M. A. C. (2021). Multiscale Modeling for Residual Stresses Analysis of a Cast Super Duplex Stainless Steel Advanced Structured Materials (Vol. 149, pp. 47-63).

- De Oliveira, M. T., Sapateiro Torres, I. M., Ruggeri, H., Scalize, P., Albuquerque, A., & Souza Gil, E. D. (2021). Application of electrocoagulation with a new steel-swarf-based electrode for the removal of heavy metals and total coliforms from sanitary landfill leachate. Applied Sciences (Switzerland), 11(11). doi:10.3390/app11115009

- Diogo, M. L. G., Campos, T. M., Fonseca, E. S. R., Pavani, C., Horliana, A. C. R. T., Fernandes, K. P. S., Bussadori, S. K., Fantin, F. G. M. M., Leite, D. P. V., Yamamoto, Â. T. A., Navarro, R. S., & Motta, L. J. (2021). Effect of blue light on acne vulgaris: A systematic review. Sensors, 21(20). doi:10.3390/s21206943

- Fernandes, A., Nunes, M. J., Rodrigues, A. S., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2021). Electro-persulfate processes for the treatment of complex wastewater matrices: Present and future. Molecules, 26(16). doi:10.3390/molecules26164821

- Gomes, T. P., Costa, V. L. D., Vaz, Á. F. C., & Simões, R. M. S. (2021). Fractionation of Broom (Cytisus striatus) Biomass Components via Mild Sulfite Pretreatment and Enzymatic Hydrolysis. BioResources, 16(1), 118-140. doi:10.15376/biores.16.1.118-140

- Kerboua, M., Ahmed, M. A., Samba, N., Aitfella-Lahlou, R., Silva, L., Boyero, J. F., Raposo, C., & Rodilla, J. M. L. (2021). Phytochemical investigation of new algerian lichen species: Physcia mediterranea nimis. Molecules, 26(4). doi:10.3390/molecules26041121

- Loss, C., Gouveia, C., Salvado, R., Pinho, P., & Vieira, J. (2021). Textile antenna for bio-radar embedded in a car seat. Materials, 14(1), 1-18. doi:10.3390/ma14010213

- Lourenço, J. G., Ettlin, D., Cardoso, I. C., & Rodilla, J. M. (2021). Total fat gravimetric method workflow in portuguese olives using closed?vessel microwave?assisted extraction (Mae). Foods, 10(10). doi:10.3390/foods10102364

- Luns, D. A. R., Martins, R., Pombal, S., Rodilla, J. M. L., Githaka, N. W., Vaz, I. S., & Logullo, C. (2021). Effect of essential oils against acaricide?susceptible and acaricide-resistant Rhipicephalus ticks. Experimental and Applied Acarology, 83(4), 597-608. doi:10.1007/s10493-021-00601-x

- Luns, D. A. R., Martins, R., Pombal, S., Rodilla, J. M. L., Githaka, N. W., da Silva Vaz, I., & Logullo, C. (2021). Correction to: Effect of essential oils against acaricide?susceptible and acaricide?resistant Rhipicephalus ticks (Experimental and Applied Acarology, (2021), 83, 4, (597-608), 10.1007/s10493-021-00601-x). Experimental and Applied Acarology, 83(4), 609. doi:10.1007/s10493-021-00614-6

- Luz, S., Rivas, J., Afonso, A., & Carvalho, F. (2021). Immediate one-step lime precipitation process for the valorization of winery wastewater to agricultural purposes. Environmental Science and Pollution Research, 28(15), 18382-18391. doi:10.1007/s11356-020-11933-3

- Luís, Â., Ramos, A., & Domingues, F. (2021). Pullulan–apple fiber biocomposite films: Optical, mechanical, barrier, antioxidant and antibacterial properties. Polymers, 13(6). doi:10.3390/polym13060870

- Madeira, L., Carvalho, F., Teixeira, M. R., Ribeiro, C., & Almeida, A. (2021). Vertical flow constructed wetland as a green solution for low biodegradable and high nitrogen wastewater: A case study of explosives industry. Chemosphere, 272. doi:10.1016/j.chemosphere.2021.129871

- Marchiori, L., Studart, A., Albuquerque, A., Cavaleiro, V., & Silva, A. (2021). Geotechnical characterization of water treatment sludge for liner material production and soft soil

reinforcement Materials Science Forum (Vol. 1046 MSF, pp. 83-88).

- Martins, G., Pinho, P., & Loss, C. (2021). Star-Shaped Supershaped Patch Antenna for 5G. Paper presented at the 2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, APS/URSI 2021 – Proceedings. doi:10.1109/APS/URSI47566.2021.9704129

- Martínez-Cruz, A., Fernandes, A., Ramos, F., Soares, S., Correia, P., Baía, A., Lopes, A., & Carvalho, F. (2021). An eco-innovative solution for reuse of leachate chemical precipitation sludge: Application to sanitary landfill coverage. Ecological Engineering and Environmental Technology, 22(2), 52-58. doi:10.12912/27197050/133329

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2021). An innovative computational strategy to optimize different furnish compositions of tissue materials using micro/nanofibrillated cellulose and biopolymer as additives. Polymers, 13(15). doi:10.3390/polym13152397

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2021). Cellulose Fiber Enzymatic Modification to Improve the Softness, Strength, and Absorption Properties of Tissue Papers. BioResources, 16(1), 846-861. doi:10.15376/biores.16.1.846-861

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2021). Computational simulation tools to support the tissue paper furnish management: Case studies for the optimization of micro/nano cellulose fibers and polymer-based additives. Polymers, 13(22). doi:10.3390/polym13223982

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2021). Micro/nano-fibrillated cellulose (MFC/NFC) fibers as an additive to maximize eucalyptus fibers on tissue paper production. Cellulose, 28(10), 6587-6605. doi:10.1007/s10570-021-03912-9

- Mouro, C., Dunne, C. P., & Gouveia, I. C. (2021). Designing New Antibacterial Wound Dressings: Development of a Dual Layer Cotton Material Coated with Poly(Vinyl Alcohol)_Chitosan Nanofibers Incorporating Agrimonia eupatoria L. Extract. Molecules, 26(1). doi:10.3390/MOLECULES26010083

- Mouro, C., Gomes, A. P., & Gouveia, I. C. (2021). Double-layer PLLA/PEO_Chitosan nanofibrous mats containing Hypericum perforatum L. as an effective approach for wound treatment. Polymers for Advanced Technologies, 32(4), 1493-1506. doi:10.1002/pat.5185

- Mouro, C., Gomes, A. P., Ahonen, M., Fangueiro, R., & Gouveia, I. C. (2021). Chelidonium majus l. Incorporated emulsion electrospun pcl/pva_pec nanofibrous meshes for antibacterial wound dressing applications. Nanomaterials, 11(7). doi:10.3390/nano11071785

- Pina, L., Martins, P., Lucas, J., Duarte, P., & Miguel, R. (2021). Fashion for Visually Impaired Consumers: A Case Study Towards Inclusive Products Springer Series in Design and Innovation (Vol. 9, pp. 311-329).

- Provin, A. P., Dutra, A. R. D. A., de Sousa e Silva Gouveia, I. C. A., & Cubas, E. A. L. V. (2021). Circular economy for fashion industry: Use of waste from the food industry for the production of biotextiles. Technological Forecasting and Social Change, 169.

doi:10.1016/j.techfore.2021.120858

- Reis, B., Miguel, R., Lucas, J., Pereira, M., Pinheiro, C., Barata, J., & Carvalho, J. (2021). Usability Attributes for Fashion Design of Functional Wool Leisurewear Springer Series in Design and Innovation (Vol. 9, pp. 331-342).

- Reis, B., Miguel, R., Lucas, J., Pereira, M., Pinheiro, C., Carvalho, J., Grazina, R., da Silva, F. M., & Silva, M. S. (2021). Design of Fashionable and Functional Tri-laminated Wool Fabrics for Leisurewear Considering Drape and Touch Lecture Notes in Networks and Systems (Vol. 260, pp. 654-662).

- Reis, B., Miguel, R., Lucas, J., Pereira, M., Pinheiro, C., Carvalho, J., Santos, G., da Silva, F. M., & Silva, M. S. (2021). Design of Fashionable and Functional Tri-Laminated Wool Fabrics for Leisurewear Considering Comfort Lecture Notes in Networks and Systems (Vol. 260, pp. 593-601).

- Rodrigues, A. S., Ciríaco, L., Pacheco, M. J., Fernandes, A., Mogo, S., & Lopes, A. (2021). Sunlight-driven ao7 degradation with perovskites (La,ba)(fe,ti)o3 as heterogeneous photocatalysts. Nanomaterials, 11(11). doi:10.3390/nano11113142

- Rodrigues, A. S., Silveira, J. E., Carbajo, J., Zazo, J. A., Casas, J. A., Fernandes, A., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2021). Diclofenac photodegradation with the Perovskites BaFe yTi1-yO3 as catalysts. Environmental Science and Pollution Research, 28(19), 23822-23832. doi:10.1007/s11356-020-11328-4

- Samba, N., Aitfella-Lahlou, R., Nelo, M., Silva, L., Coca, R., Rocha, P., & López Rodilla, J. M. (2021). Chemical composition and antibacterial activity of lippia multiflora moldenke essential oil from different regions of angola. Molecules, 26(1). doi:10.3390/MOLECULES26010155

- Scalize, P., Albuquerque, A., & Di Bernardo, L. (2021). Impact of alum water treatment residues on the methanogenic activity in the digestion of primary domestic wastewater sludge. Sustainability (Switzerland), 13(16). doi:10.3390/su13168783

- Silva, F., Almeida, R., Gouveia, C., Loss, C., Pinho, P., & Belo, D. (2021). Textile Rectenna for RF Energy Harvesting. Paper presented at the 15th European Conference on Antennas and Propagation, EuCAP 2021. doi:10.23919/EuCAP51087.2021.9411039

- Silva, F., Antão-Geraldes, A. M., Zavattieri, C., Afonso, M. J., Freire, F., & Albuquerque, A. (2021). Improving water efficiency in a municipal indoor swimming-pool complex: A case study. Applied Sciences (Switzerland), 11(22). doi:10.3390/app112210530

- Simão, A. Y., Gonçalves, J., Gradillas, A., García, A., Restolho, M., Fernández, N., Rodilla, J. M., Barroso, M., Duarte, A. P., Cristóvão, A. C., & Gallardo, E. (2021). Correction to: Evaluation of the cytotoxicity of ayahuasca beverages (Molecules 2020, 25, 5594). Molecules, 26(5). doi:10.3390/molecules26051236

- Souiad, F., Bendaoud-Boulahlib, Y., Rodrigues, A. S., Fernandes, A., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2021). Electrodeposition of calcium carbonate and magnesium carbonate from hard water on stainless-steel electrode to prevent natural scaling phenomenon. Water (Switzerland), 13(19). doi:10.3390/w13192752

- Sozo, J. S., Pardal, A., Carvalho, M. J., Almeida, A., Chaves, H., & Carvalho, M. F. (2021). Sensory quality of portuguese natural mineral waters: Correlation with chemical composition. Ecological Engineering and Environmental Technology, 22(3), 129-141. doi:10.12912/27197050/135618

- Vieira, J. C., Vieira, A. C., de O. Mendes, A., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2021). Mechanical Behavior of Toilet Paper Perforation. BioResources, 16(3), 4846-4861. doi:10.15376/biores.16.3.4846-4861

- Albuquerque, A., Randerson, P., & Bia?owiec, A. (2020). Oxygen transfer capacity as a measure of water aeration by floating reed plants: Initial laboratory studies. Processes, 8(10), 1-8. doi:10.3390/pr8101270

- Almeida, A., Jó?wiakowski, K., Kowalczyk-Ju?ko, A., Bugajski, P., Kurek, K., Carvalho, F., Durao, A., Ribeiro, C., & Gajewska, M. (2020). Nitrogen removal in vertical flow constructed wetlands: influence of bed depth and high nitrogen loadings. Environmental Technology (United Kingdom), 41(17), 2196-2209. doi:10.1080/09593330.2018.1557749

- Amirpour, H., Pinheiro, A. M. G., Fonseca, E., Ghanbari, M., & Pereira, M. (2020). Quality Evaluation of Digital Holographic Data Encoded on the Object Plane Using State of the Art Codecs. Paper presented at the Proceedings – International Conference on Image Processing, ICIP. doi:10.1109/ICIP40778.2020.9190663

- Batista, É. A., Garcia, L. F., de Albuquerque, A. J. C., Ballaminut, N., Scalize, P. S., & Gil, E. S. (2020). Application of a voltammetric enzymatic biosensor based on crude extract of marasmiellus colocasiae for the detection of phenolic compounds in drinking water. Revista Ambiente e Agua, 15(6), 1-10. doi:10.4136/ambi-agua.2610

- Bernardo, M. V., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2020). Quality perception of specific chromatic impairments. Multimedia Tools and Applications, 79(27-28), 19831-19851. doi:10.1007/s11042-020-08766-0

- Cardoso, M. A., Correia, S. F. H., Frias, A. R., Gonçalves, H. M. R., Pereira, R. F. P., Nunes, S. C., Armand, M., André, P. S., de Zea Bermudez, V., & Ferreira, R. A. S. (2020). Solar spectral conversion based on plastic films of lanthanide-doped ionosilicas for photovoltaics: Down-shifting layers and luminescent solar concentrators. Journal of Rare Earths, 38(5), 531-538. doi:10.1016/j.jre.2020.01.007

- Correia, T., Regato, M., Almeida, A., Santos, T., Amaral, L., & Carvalho, F. (2020). Manual treatment of urban wastewater by chemical precipitation for production of hydroponic nutrient solutions. Journal of Ecological Engineering, 21(3), 143-152. doi:10.12911/22998993/118286

- Costa, V. L. D., Costa, A. P., Amaral, M. E., & Simões, R. M. S. (2020). A comprehensive approach of Eucalyptus globulus acid sulfite pretreatment for enzymatic hydrolysis. Applied Sciences (Switzerland), 10(11). doi:10.3390/app10113764

- Domingues, M., Jaszczyk, J., Ismael, M. I., Figueiredo, J. A., Daniellou, R., Lafite, P., Schuler, M., & Tatibouët, A. (2020). Conformationally Restricted Oxazolidin-2-one Fused Bicyclic Iminosugars as Potential Glycosidase Inhibitors. European Journal of Organic Chemistry, 2020(38), 6109-6126. doi:10.1002/ejoc.202001053

- Dunne, C. P., Askew, P. D., Papadopoulos, T., Gouveia, I. C., Ahonen, M., Modic, M., Azevedo, N. F., Schulte, S., Cosemans, P., Kahru, A., Murzyn, K., Keevil, C. W., Riool, M., & Keinänen-Toivola, M. M. (2020). Antimicrobial coating innovations to prevent infectious disease: a consensus view from the AMiCl COST Action. Journal of Hospital Infection, 105(2), 116-118. doi:10.1016/j.jhin.2020.04.006

- Faria, R., Lopes, I., Pires, I. M., Marques, G., Fernandes, S., Garcia, N. M., Lucas, J., Jevremovic, A., Zdravevski, E., & Trajkovik, V. (2020). Circular economy for clothes using web and mobile technologies-A systematic review and a taxonomy proposal. Information (Switzerland), 11(3). doi:10.3390/info11030161

- Fernandes, A., Pereira, C., Coelho, S., Ferraz, C., Sousa, A. C., Pastorinho, M. R., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2020). Ecotoxicological evaluation of methiocarb electrochemical oxidation. Applied Sciences (Switzerland), 10(21), 1-12. doi:10.3390/app10217435

- Fernandes, A., Pereira, C., Kozio?, V., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2020). Emerging contaminants removal from effluents with complex matrices by electrooxidation. Science of the Total Environment, 740. doi:10.1016/j.scitotenv.2020.140153

- Fernandes, S., Honório, I. D., Cruchinho, A., Madeira, M. J., & Lucas, J. (2020). Fashion revolution as promoter of social innovation and sustainability in fashion. Leather and Footwear Journal, 20(1), 51-58. doi:10.24264/lfj.20.1.6

- Gomes, A. C., Silva, L., Albuquerque, A., Simões, R., & Stefanakis, A. I. (2020). Treatment of cork boiling wastewater using a horizontal subsurface flow constructed wetland combined with ozonation. Chemosphere, 260. doi:10.1016/j.chemosphere.2020.127598

- Gonçalves, I. C., Guilherme, V., Ferra, M. I., Marques, A. M., & Pinheiro, H. M. (2020). Influence of co-substrates on anaerobic thermophilic degradation of syringaldehyde. Journal of Cleaner Production, 275. doi:10.1016/j.jclepro.2020.122577

- Gonçalves, M. C., Pereira, R. F. P., Alves, R., Nunes, S. C., Fernandes, M., Gonçalves, H. M. R., Pereira, S., Silva, M. M., Fortunato, E., Rego, R., & de Zea Bermudez, V. (2020). Electrochromic Device Composed of a Di-Urethanesil Electrolyte Incorporating Lithium Triflate and 1-Butyl-3-Methylimidazolium Chloride. Frontiers in Materials, 7. doi:10.3389/fmats.2020.00139

- Gouveia, C., Loss, C., Raida, Z., Lacik, J., Pinho, P., & Vieira, J. (2020). Textile antenna array for bio-radar applications. Paper presented at the 2020 23rd International Microwave and Radar Conference, MIKON 2020. doi:10.23919/MIKON48703.2020.9253798

- Loss, C., Gonçalves, R., Pinho, P., & Salvado, R. (2020). A review of methods for the electromagnetic: Characterization of textile materials for the development of wearable antennas Wireless Power Transmission for Sustainable Electronics: COST WiPE – IC1301 (pp. 27-56). doi:10.1002/9781119578598.ch2

- Loss, C., Silveira, T. M., Pinho, P., Salvado, R., & De Carvalho, N. B. (2020). Design and Analysis of the Reproducibility of Wearable Textile Antennas. Paper presented at the 2020 12th International Symposium on Communication Systems, Networks and Digital Signal

Processing, CSNDSP 2020. doi:10.1109/CSNDSP49049.2020.9249634

- Ltaïef, A. H., Gadri, A., Ammar, S., Fernandes, A., Nunes, M. J., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2020). Olive mill wastewater treatment by electro-fenton with heterogeneous iron source. Paper presented at the Wastes: Solutions, Treatments and Opportunities III – Selected papers from the 5th International Conference Wastes: Solutions, Treatments and Opportunities, 2019. doi:10.1201/9780429289798-53

- Luís, Â., Gallardo, E., Ramos, A., & Domingues, F. (2020). Design and characterization of bioactive bilayer films: Release kinetics of isopropyl palmitate. Antibiotics, 9(8), 1-18. doi:10.3390/antibiotics9080443

- Luís, Â., Ramos, A., & Domingues, F. (2020). Pullulan films containing rockrose essential oil for potential food packaging applications. Antibiotics, 9(10), 1-20. doi:10.3390/antibiotics9100681

- Madeira, L., Almeida, A., Ribau Teixeira, M., Prazeres, A., Chaves, H., & Carvalho, F. (2020). Immediate one-step lime precipitation and atmospheric carbonation as pre-treatment for low biodegradable and high nitrogen wastewaters: A case study of explosives industry. Journal of Environmental Chemical Engineering, 8(3). doi:10.1016/j.jece.2020.103808

- Martínez-Cruz, A., Fernandes, A., Ciríaco, L., Pacheco, M. J., Carvalho, F., Afonso, A., Madeira, L., Luz, S., & Lopes, A. (2020). Electrochemical oxidation of effluents from food processing industries: A short review and a case-study. Water (Switzerland), 12(12). doi:10.3390/w12123546

- Mendes, A. D. O., Fiadeiro, P. T., Miguel, R. A. L., Lucas, J. M., & Silva, M. J. D. S. (2020). Optical 3D-system for fabric pilling assessment: A complementary tool to avoid evaluation errors. Journal of the Textile Institute, 1-7. doi:10.1080/00405000.2020.1787120

- Mendes, A. D. O., Vieira, J. C., Carta, A. M., Galli, E., Simões, R., Silva, M. J. D. S., Costa, A. P., & Fiadeiro, P. T. (2020). Influence of Tissue Paper Converting Conditions on Finished Product Softness. BioResources, 15(3), 7178-7190. doi:10.15376/biores.15.3.7178-7190

- Morais, F. P., Bértolo, R. A. C., Curto, J. M. R., Amaral, M. E. C. C., Carta, A. M. M. S., & Evtyugin, D. V. (2020). Characterization data of pulp fibres performance in tissue papers applications. Data in Brief, 29. doi:10.1016/j.dib.2020.105253

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2020). 3D Fiber Models to Simulate and Optimize Tissue Materials. BioResources, 15(4), 8833-8848. doi:10.15376/biores.15.4.8833-8848

- Morais, F. P., Carta, A. M. M. S., Amaral, M. E., & Curto, J. M. R. (2020). Experimental 3D fibre data for tissue papers applications. Data in Brief, 30. doi:10.1016/j.dib.2020.105479

- Morais, F. P., Simões, R. M. S., & Curto, J. M. R. (2020). Biopolymeric delivery systems for cosmetic applications using chlorella vulgaris algae and tea tree essential oil. Polymers, 12(11), 1-13. doi:10.3390/polym12112689

- Mouro, C., Fangueiro, R., & Gouveia, I. C. (2020). Preparation and characterization of

electrospun double-layered nanocomposites membranes as a carrier for centella asiatica (l.). Polymers, 12(11), 1-18. doi:10.3390/polym12112653

- Nunes, S. C., Fernandes, M., Gonçalves, H. M. R., Serrano, J. L., Almeida, P., & Bermudez, V. Z. (2020). Di-urea cross-linked siloxane hybrid materials incorporating oligo(oxypropylene) and oligo(oxyethylene) chains. Journal of Sol-Gel Science and Technology, 95(3), 620-634. doi:10.1007/s10971-020-05272-5

- Pai, R. S., Doraswami, U. R., Belino, N., & Paul, R. (2020). Ozone in textile bleaching: Roadblocks and path forward. AATCC Review, 20(6), 34-36. doi:10.14504/AR.20.6.3

- Pereira, H., Simões, R., Santos, A., Gominho, J., Lourenço, A., & Anjos, O. (2020). Potential of Acacia melanoxylon for Pulping Encyclopedia of Plant Science Volume: (12 Volume Set) (pp. 3911-3924).

- Pombal, S., M. Roncero, A., E. Tobal, I., García, N., Silva, L., Diez, D., Mondolis, E., Mero, A., Morán-Pinzón, J., Guerrero, E. I., & Rodilla, J. M. (2020). Antioxidant Activity of New Carvone Derivatives. Natural Product Communications, 15(2). doi:10.1177/1934578X20908081

- Rodrigues, A. S., Jorge, M. E. M., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2020). Perovskites (La,Ba)(Fe,Ti)O3: AO7 photocatalysis under visible light. Reviews on Advanced Materials Science, 59(1), 151-159. doi:10.1515/rams-2020-0012

- Santos, F. M., Barbosa, P. C., Pereira, R. F. P., Silva, M. M., Gonçalves, H. M. R., Nunes, S. C., Figueiredo, F. L., Valente, A. J. M., & de Zea Bermudez, V. (2020). Proton conducting electrolytes composed of chondroitin sulfate polysaccharide and citric acid. European Polymer Journal, 124. doi:10.1016/j.eurpolymj.2019.109453

- Simão, A. Y., Antunes, M., Gonçalves, J., Soares, S., Castro, T., Rosado, T., Caramelo, D., Barroso, M., Araújo, A. R. T. S., Rodilla, J., & Gallardo, E. (2020). The role of gas chromatography in clinical and forensic toxicology Gas Chromatography: History, Methods and Applications (pp. 1-126).

- Simão, A. Y., Gonçalves, J., Caramelo, D., Rosado, T., Barroso, M., Restolho, J., Fernández, N., Rodilla, J., Duarte, A. P., Cristóvão, A. C., & Gallardo, E. (2020). Determination of N,N-dimethyltryptamine and beta-carbolines in plants used to prepare ayahuasca beverages by means of solid-phase extraction and gas-chromatography–mass spectrometry. SN Applied Sciences, 2(3). doi:10.1007/s42452-020-2296-0

- Simão, A. Y., Gonçalves, J., Gradillas, A., García, A., Restolho, J., Fernández, N., Rodilla, J. M., Barroso, M., Duarte, A. P., Cristóvão, A. C., & Gallardo, E. (2020). Evaluation of the cytotoxicity of ayahuasca beverages. Molecules, 25(23). doi:10.3390/molecules25235594

- Souiad, F., Rodrigues, A. S., Lopes, A., Ciríaco, L., Pacheco, M. J., Bendaoud-Boulahlib, Y., & Fernandes, A. (2020). Methiocarb Degradation by Electro-Fenton: Ecotoxicological Evaluation. Molecules, 25(24). doi:10.3390/MOLECULES25245893

- Vieira, J. C., Mendes, A. D. O., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2020). Experimental dataset supporting the physical and mechanical characterization of industrial base tissue papers. Data in Brief, 33. doi:10.1016/j.dib.2020.106434

- Vieira, J. C., Mendes, A. D. O., Carta, A. M., Fiadeiro, P. T., & Costa, A. P. (2020). Impact of 5-Ply Toilet Paper Configuration on Its Mechanical and Absorption Properties. BioResources, 15(4), 7475-7486.

- Vieira, J. C., de Oliveira Mendes, A., Carta, A. M., Galli, E., Fiadeiro, P. T., & Costa, A. P. (2020). Impact of embossing on liquid absorption of toilet tissue papers. BioResources, 15(2), 3888-3898. doi:10.15376/biores.15.2.3888-3898

- Almeida, A., Ribeiro, C., Carvalho, F., Durao, A., Bugajski, P., Kurek, K., Pochwatka, P., & Jó?wiakowski, K. (2019). Phytoremediation potential of Vetiveria zizanioides and Oryza sativa to nitrate and organic substance removal in vertical flow constructed wetland systems. Ecological Engineering, 138, 19-27. doi:10.1016/j.ecoleng.2019.06.020

- Belino, N., Fangueiro, R., Rana, S., Glampedaki, P., & Priniotakis, G. (2019). Medical and healthcare textiles High Performance Technical Textiles (pp. 69-105). doi:10.1002/9781119325062.ch4

- Bernardo, M. V., Fonseca, E., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2019). Speckle Reduction for Efficient Coding of Experimental Holograms. Paper presented at the Data Compression Conference Proceedings. doi:10.1109/DCC.2019.00069

- Caliari, P. C., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2019). Tannery wastewater: Organic load and sulfide removal dynamics by electrochemical oxidation at different anode materials. Environmental Technology and Innovation, 14. doi:10.1016/j.eti.2019.100345

- Caramelo, D., Rosado, T., Oliveira, V., Rodilla, J. M., Rocha, P. M. M., Barroso, M., & Gallardo, E. (2019). Determination of antipsychotic drugs in oral fluid using dried saliva spots by gas chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 411(23), 6141-6153. doi:10.1007/s00216-019-02005-8

- Cardoso, M. A., Pereira, R. F. P., Pereira, S., Gonçalves, H., Silva, M. M., Carlos, L. D., Nunes, S. C., Fortunato, E., Ferreira, R. A. S., Rego, R., & Bermudez, V. Z. (2019). Three-mode modulation electrochromic device with high energy efficiency for windows of buildings located in continental climatic regions. Advanced Sustainable Systems, 3(3), 1-6. doi:10.1002/adsu.201800115

- Cardoso, M. A., Pereira, R. F. P., Pereira, S., Gonçalves, H., Silva, M. M., Carlos, L. D., Nunes, S. C., Fortunato, E., Ferreira, R. A. S., Rego, R., & de Zea Bermudez, V. (2019). Correction to: Three-Mode Modulation Electrochromic Device with High Energy Efficiency for Windows of Buildings Located in Continental Climatic Regions (Advanced Sustainable Systems, (2019), 3, 3, (1800115), 10.1002/adsu.201800115). Advanced Sustainable Systems, 3(7). doi:10.1002/adsu.201900057

- Costa, V. L. D., Costa, A. P., & Simões, R. M. S. (2019). Nanofibrillated cellulose rheology: Effects of morphology, ethanol/acetone addition, and high NaCl concentration. BioResources, 14(4), 7636-7654. doi:10.15376/biores.14.4.7636-7654

- Fernandes, A., Chamem, O., Pacheco, M. J., Ciríaco, L., Zairi, M., & Lopes, A. (2019). Performance of electrochemical processes in the treatment of reverse osmosis concentrates of sanitary landfill leachate. Molecules, 24(16). doi:10.3390/molecules24162905

- Fernandes, A., Gomes, A. C., Pereira, C., Magdziak, A., Pacheco, M. J., Ciríaco, L., Simões, R., & Lopes, A. (2019). Influence of molecular size on the electrochemical oxidation of fractioned cork boiling wastewater. ChemElectroChem, 6(6), 1722-1731. doi:10.1002/celc.201801750

- Fernandes, A., Pastorinho, M. R., Sousa, A. C., Silva, W., Silva, R., Nunes, M. J., Rodrigues, A. S., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2019). Ecotoxicological evaluation of electrochemical oxidation for the treatment of sanitary landfill leachates. Environmental Science and Pollution Research, 26(1), 24-33. doi:10.1007/s11356-018-2650-6

- Fernandes, S., Lucas, J., Madeira, M. J., & Cruchinho, A. (2019). Exponential system strategy for sustainability in fashion design. Paper presented at the Procedia CIRP. doi:10.1016/j.procir.2019.04.283

- Fernandes, S., Lucas, J., Madeira, M. J., Cruchinho, A., & Honório, I. D. (2019). Circular and collaborative economies as a propulsion of environmental sustainability in the new fashion business models Lecture Notes in Electrical Engineering (Vol. 505, pp. 925-932).

- Fonseca, E. S. R., Fiadeiro, P. T., Gomes, R., Trancon, A. S., Baptista, A. M. G., & Serra, P. (2019). Influence of pupil function in pseudophakia. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2527412

- Fonseca, E., Fiadeiro, P. T., Bernardo, M. V., Pinheiro, A., & Pereira, M. (2019). Assessment of speckle denoising filters for digital holography using subjective and objective evaluation models. Applied Optics, 58(34), G282-G292. doi:10.1364/AO.58.00G282

- Fonseca, E., Fiadeiro, P., Gomes, R., Trancon, A. S., Baptista, A., & Serra, P. (2019). Pupil function in pseudophakia: Proximal miosis behavior and optical influence. Photonics, 6(4). doi:10.3390/photonics6040114

- Fonseca, E., Fiadeiro, P., Hajihashemi, V., Bernardo, M., Pinheiro, A., & Pereira, M. (2019). Perceptual evaluation of speckle noise reduction techniques for phase shifting holograms. Paper presented at the 2019 11th International Conference on Quality of Multimedia Experience, QoMEX 2019. doi:10.1109/QoMEX.2019.8743199

- Gonçalves, M. C., Pereira, R. F. P., Ferreira, P., Carbó-Argibay, E., Catita, J., Toquer, G., Nunes, S. C., & Bermudez, V. Z. (2019). Structuring of di-alkyl-urethanesils. Journal of Sol-Gel Science and Technology, 89(1), 205-215. doi:10.1007/s10971-018-4703-1

- Gouveia, C., Loss, C., Pinho, P., & Vieira, J. (2019). Different antenna designs for non-contact vital signs measurement: A review. Electronics (Switzerland), 8(11). doi:10.3390/electronics8111294

- Loss, C., Gonçalves, R., Pinho, P., & Salvado, R. (2019). Influence of some structural parameters on the dielectric behavior of materials for textile antennas. Textile Research Journal, 89(7), 1131-1143. doi:10.1177/0040517518764000

- Loss, C., Rossi, M., Agneessens, S., Gonçalves, R., Rogier, H., Pinho, P., & Salvado, R. (2019). Electromagnetic characterisation of textile materials for the design of wearable antennas and systems Wearable Technologies and Wireless Body Sensor Networks for

Healthcare (pp. 147-184). doi:10.1049/PBHE011E_ch5

- Luís, Â., Domingues, F., & Ramos, A. (2019). Production of hydrophobic zein-based films bioinspired by the lotus leaf surface: characterization and bioactive properties. Microorganisms, 7(8). doi:10.3390/microorganisms7080267

- Luís, Â., Pereira, L., Domingues, F., & Ramos, A. (2019). Development of a carboxymethyl xylan film containing licorice essential oil with antioxidant properties to inhibit the growth of foodborne pathogens. Lwt, 111, 218-225. doi:10.1016/j.lwt.2019.05.040

- Malaca, S., Rosado, T., Restolho, J., Rodilla, J. M., Rocha, P. M. M., Silva, L., Margalho, C., Barroso, M., & Gallardo, E. (2019). Determination of amphetamine-type stimulants in urine samples using microextraction by packed sorbent and gas chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 1120, 41-50. doi:10.1016/j.jchromb.2019.04.052

- Mendes, A. D. O., Fiadeiro, P. T., Miguel, R. A. L., Lucas, J. M., & Dos Santos Silva, M. J. (2019). Three-dimensional surface reconstruction for evaluation of wrinkling on textile fabrics. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2524510

- Morais, F. P., Bértolo, R. A. C., Curto, J. M. R., Amaral, M. E. C. C., Carta, A. M. M. S., & Evtyugin, D. V. (2019). Comparative characterization of eucalyptus fibers and softwood fibers for tissue papers applications. Materials Letters: X, 4. doi:10.1016/j.mlblux.2019.100028

- Mouro, C., Simões, M., Gouveia, I. C., & Xu, B. (2019). Emulsion Electrospun Fiber Mats of PCL/PVA/Chitosan and Eugenol for Wound Dressing Applications. Advances in Polymer Technology, 2019. doi:10.1155/2019/9859506

- Nunes, S. C., Saraiva, S. M., Pereira, R. F. P., Pereira, S., Silva, M. M., Carlos, L. D., Fortunato, E., Ferreira, R. A. S., Rego, R., & De Zea Bermudez, V. (2019). Sustainable Dual-Mode Smart Windows for Energy-Efficient Buildings. ACS Applied Energy Materials, 2(3), 1951-1960. doi:10.1021/acsaem.8b02041

- Nunes, S. C., Saraiva, S. M., Pereira, R. F. P., Silva, M. M., Carlos, L. D., Almeida, P., Gonçalves, M. C., Ferreira, R. A. S., & De Zea Bermudez, V. (2019). Luminescent ?-carrageenan-based electrolytes containing neodymium triflate. Molecules, 24(6). doi:10.3390/molecules24061020

- Pereira, M., Pina, L., Reis, B., Miguel, R., Silva, M., & Rafael, P. (2019). Digital Technology for Global Supply Chain in Fashion: A Contribution for Sustainability Development Technology-Driven Sustainability: Innovation in the Fashion Supply Chain (pp. 117-136). doi:10.1007/978-3-030-15483-7_7

- Prazeres, A. R., Fernandes, F., Madeira, L., Luz, S., Albuquerque, A., Simões, R., Beltrán, F., Jerónimo, E., & Rivas, J. (2019). Treatment of slaughterhouse wastewater by acid precipitation (H2SO4, HCl and HNO3) and oxidation (Ca(ClO)?, H2O2 and CaO?). Journal of Environmental Management, 250. doi:10.1016/j.jenvman.2019.109558

- Prazeres, A. R., Lelis, J., Alves-Ferreira, J., & Carvalho, F. (2019). Treatment of vinasse from

sugarcane ethanol industry: H2SO4, NaOH and Ca(OH)2 precipitations, FeCl3 coagulation-flocculation and atmospheric CO2 carbonation. Journal of Environmental Chemical Engineering, 7(4). doi:10.1016/j.jece.2019.103203

- Salihila, J., Silva, L., Pérez Del Pulgar, H., Quílez Molina, A., González-Coloma, A., Olmeda, A. S., Quílez Del Moral, J. F., & Barrero, A. F. (2019). One-step synthesis of furan rings from ?-isopropylidene ketones mediated by iodine/DMSO: An approach to potent bioactive terpenes. Journal of Organic Chemistry, 84(11), 6886-6894. doi:10.1021/acs.joc.9b00704

- Scalize, P. S., Souza, L. M. D., & Albuquerque, A. (2019). Reuse of alum sludge for reducing flocculant addition in water treatment plants. Environment Protection Engineering, 45(1), 57-70. doi:10.5277/epel90105

- Silva, M. J. S. (2019). Foreword. Wearable Technologies and Wireless Body Sensor Networks for Healthcare, xv-xvi.

- Sousa, S., Costa, A. P., & Simões, R. (2019). Poly(lactic acid) composites reinforced with kraft pulp fibres: Production by a papermaking process and characterisation. Composites Part A: Applied Science and Manufacturing, 121, 273-282. doi:10.1016/j.compositesa.2019.03.024

- Sousa, S., Costa, A., Silva, A., & Simões, R. (2019). Poly(lactic acid)/Cellulose films produced from composite spheres prepared by emulsion-solvent evaporation method. Polymers, 11(1). doi:10.3390/polym11010066

- Vaz, A., Espírito-Santo, A., Araújo, P., Simões, R., & Silvy, J. (2019). Energy efficiency in low consistency refining: A study using a Valley beater. Nordic Pulp and Paper Research Journal, 34(1), 67-74. doi:10.1515/npprj-2018-0009

- Adlhart, C., Verran, J., Azevedo, N. F., Olmez, H., Keinänen-Toivola, M. M., Gouveia, I., Melo, L. F., & Crijns, F. (2018). Surface modifications for antimicrobial effects in the healthcare setting: a critical overview. Journal of Hospital Infection, 99(3), 239-249. doi:10.1016/j.jhin.2018.01.018

- Bernardo, M. V., Fernandes, P., Arrifano, A., Antonini, M., Fonseca, E., Fiadeiro, P. T., Pinheiro, A. M. G., & Pereira, M. (2018). Holographic representation: Hologram plane vs. object plane. Signal Processing: Image Communication, 68, 193-206. doi:10.1016/j.image.2018.08.006

- Bernardo, M. V., Fonseca, E., Fiadeiro, P., Pinheiro, A. M. G., & Pereira, M. (2018). A digital hologram compression scheme for representation on the object plane. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2323442

- Fernandes, A., Ciríaco, L., Pacheco, M. J., Lopes, A., & Albuquerque, A. (2018). Diagnosis and assessment of the management of sanitary landfill leachates in Portugal. Paper presented at the WASTES – Solutions, Treatments and Opportunities II – Selected papers from the 4th edition of the International Conference Wastes: Solutions, Treatments and Opportunities, 2017.

- Freitas Fernandes, N. A., Nave Canelo, L. I., Da Conceição dos Santos Mata, R., Malheiros

Dinis de Mendonça, D. I., & Geraldes de Mendonça, A. J. (2018). In vitro antioxidant activity and total phenolic content of root extracts from phragmanthera glaucocarpa (Peyr.) Balle. Jundishapur Journal of Natural Pharmaceutical Products, 13(4). doi:10.5812/jjnpp.62238

- Gomes, A. C., Silva, L., Albuquerque, A., Simões, R., & Stefanakis, A. I. (2018). Investigation of lab-scale horizontal subsurface flow constructed wetlands treating industrial cork boiling wastewater. Chemosphere, 207, 430-439. doi:10.1016/j.chemosphere.2018.05.123

- Jó?wiakowski, K., Bugajski, P., Kurek, K., de Fátima Nunes de Carvalho, M., Almeida, M. A. A., Siwiec, T., Borowski, G., Czeka?a, W., Dach, J., & Gajewska, M. (2018). The efficiency and technological reliability of biogenic compounds removal during long-term operation of a one-stage subsurface horizontal flow constructed wetland. Separation and Purification Technology, 202, 216-226. doi:10.1016/j.seppur.2018.03.058

- Loss, C., Salvado, R., Goncalves, R., & Pinho, P. (2018). Development of a Textile Antenna Using a Continuous Substrate Integrating the Ground Plane. Paper presented at the 2018 IEEE Antennas and Propagation Society International Symposium and USNC/URSI National Radio Science Meeting, APSURSI 2018 – Proceedings. doi:10.1109/APUSNCURSINRSM.2018.8609177

- Loss, C., Salvado, R., Gonçalves, R., & Pinho, P. (2018). Influence of the laminating manufacturing technique on the S11 parameter of printed textile antennas. Paper presented at the 2017 IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes for RF and THz Applications, IMWS-AMP 2017. doi:10.1109/IMWS-AMP.2017.8247426

- Martins, V. D. F., Cerqueira, M. A., Fuciños, P., Garrido-Maestu, A., Curto, J. M. R., & Pastrana, L. M. (2018). Active bi-layer cellulose-based films: development and characterization. Cellulose, 25(11), 6361-6375. doi:10.1007/s10570-018-2021-y

- Mesquita, C., Albuquerque, A., Amaral, L., & Nogueira, R. (2018). Effectiveness and temporal variation of a full-scale horizontal constructed wetland in reducing nitrogen and phosphorus from domestic wastewater. ChemEngineering, 2(1), 1-14. doi:10.3390/chemengineering2010003

- Nogueira, F., Gomes, A. P., & Gouveia, I. C. (2018). New garment proposal for prevention of spreading Gram-negative bacteria resistant to carbapenem antibiotic class under hospital settings. Journal of Industrial Textiles, 47(6), 1152-1165. doi:10.1177/1528083716682919

- Nogueira, F., Teixeira, P., & Gouveia, I. C. (2018). Electrospinning polypropylene with an amino acid as a strategy to bind the antimicrobial peptide Cys-LC-LL-37. Journal of Materials Science, 53(6), 4655-4664. doi:10.1007/s10853-017-1841-8

- Nunes, S. C., & de Zea Bermudez, V. (2018). Structuring of Amide Cross-Linked Non-Bridged and Bridged Alkyl-Based Silsesquioxanes. Chemical Record, 18(7), 724-736. doi:10.1002/tcr.201700096

- Pereira, H., Simões, R., Santos, A., Gominho, J., Lourenço, A., & Anjos, O. (2018). Potential of acacia melanoxylon for pulping Acacia: Characteristics, Distribution and Uses (pp. 235-254).

- Pereira, R. F. P., Nunes, S. C., Toquer, G., Cardoso, M. A., Valente, A. J. M., Ferro, M. C., Silva, M. M., Carlos, L. D., Ferreira, R. A. S., & Bermudez, V. Z. (2018). Novel highly luminescent amine-functionalized bridged silsesquioxanes. Frontiers in Chemistry, 5. doi:10.3389/fchem.2017.00131

- Pereira, R. F. P., Zehbe, K., Günter, C., Dos Santos, T., Nunes, S. C., Paz, F. A. A., Silva, M. M., Granja, P. L., Taubert, A., & De Zea Bermudez, V. (2018). Ionic Liquid-Assisted Synthesis of Mesoporous Silk Fibroin/Silica Hybrids for Biomedical Applications. ACS Omega, 3(9), 10811-10822. doi:10.1021/acsomega.8b02051

- Pombal, S., Tobal, I. E., Roncero, A. M., Rodilla, J. M., Garrido, N. M., Sanz, F., Esteban, A., Tostado, J., Moro, R. F., Sexmero, M. J., Jambrina, P. G., & Diez, D. (2018). Diastereoselective synthesis of 7,8-carvone epoxides. Catalysts, 8(6). doi:10.3390/catal8060250

- Rodrigues, A. S., Nunes, M. J., Lopes, A., Silva, J. N., Ciríaco, L., & Pacheco, M. J. (2018). Electrodegradation of naphthalenic amines: Influence of the relative position of the substituent groups, anode material and electrolyte on the degradation products and kinetics. Chemosphere, 205, 433-442. doi:10.1016/j.chemosphere.2018.04.104

- Scalize, P. S., Pinheiro, R. V. N., Ruggeri Junior, H. C., Albuquerque, A., Sanz Lobón, G., & Arruda, P. N. (2018). External control of fluoridation in public water supply systems in the state of goiás, Brazil. Ciencia e Saude Coletiva, 23(11), 3849-3860. doi:10.1590/1413-812320182311.24712016

- Scalize, P. S., Soares, S. S., Alves, A. C. F., Marques, T. A., Mesquita, G. G. M., Ballaminut, N., & Albuquerque, A. C. J. (2018). Use of condensed water from air conditioning systems. Open Engineering, 8(1), 284-292. doi:10.1515/eng-2018-0031

- Scalize, P., Neto, A., & Albuquerque, A. (2018). Water treatment sludge as potential soil amendment for native plants of the Brazilian Cerrado. Environmental Engineering and Management Journal, 17(5), 1169-1178. doi:10.30638/eemj.2018.116

- Silva, F., Albuquerque, A., Cavaleiro, V., & Scalize, P. (2018). Removal of Cr, Cu and Zn from liquid effluents using the fine component of granitic residual soils. Open Engineering, 8(1), 417-425. doi:10.1515/eng-2018-0051

- Sério, S., Silva, L. C., Melo Jorge, M. E., Ferreira, S., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2018). Environmental application of Ti/Ti2 anodes prepared by DC-magnetron sputtering: Degradation of acid orange 7. Environmental Engineering and Management Journal, 17(12), 2829-2836. doi:10.30638/eemj.2018.282

- Almeida, A., Carvalho, F., Imaginário, M. J., Castanheira, I., Prazeres, A. R., & Ribeiro, C. (2017). Nitrate removal in vertical flow constructed wetland planted with Vetiveria zizanioides: Effect of hydraulic load. Ecological Engineering, 99, 535-542. doi:10.1016/j.ecoleng.2016.11.069

- Belino, N. J. R., Barata, T. R. A., & Paul, R. (2017). Development of an Electrospinning Drafting System. Paper presented at the IOP Conference Series: Materials Science and Engineering. doi:10.1088/1757-899X/254/10/102004

- Caliari, P. C., Pacheco, M. J., Ciríaco, L. F., & Lopes, A. M. C. (2017). Anodic oxidation of sulfide to sulfate: Effect of the current density on the process kinetics. Journal of the Brazilian Chemical Society, 28(4), 557-566. doi:10.5935/0103-5053.20160197

- Canelo, L. I. N., Mafuca, I., Mata, R. S., & Mendonça, D. I. (2017). Chemical constituents of a population of Croton gratissimus (EUPHORBIACEAE). Quimica Nova, 40(9), 1035-1038. doi:10.21577/0100-4042.20170101

- Carvalho, A., Cavaleiro, V., Albuquerque, A., & Simões, J. A. (2017). Environmental impact of infrastructure A23 -Map of noise. Paper presented at the International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM. doi:10.5593/sgem2017/52/S20.120

- Castro, O. N., Benites, J., Rodilla, J., Santiago, J. C., Simirgiotis, M., Sepulveda, B., & Areche, C. (2017). Metabolomic Analysis of the Lichen Everniopsis trulla Using Ultra High Performance Liquid Chromatography-Quadrupole-Orbitrap Mass Spectrometry (UHPLC-Q-OT-MS). Chromatographia, 80(6), 967-973. doi:10.1007/s10337-017-3304-4

- Cunha, M. N. M., Felgueiras, H. P., Gouveia, I., & Zille, A. (2017). Synergistically enhanced stability of laccase immobilized on synthesized silver nanoparticles with water-soluble polymers. Colloids and Surfaces B: Biointerfaces, 154, 210-220. doi:10.1016/j.colsurfb.2017.03.023

- Dirlik-Uysal, Ç. D., Bou-Belda, E., Bonet-Aracil, M., Belino, N., Diaz-García, P., & Montava, I. (2017). Comparison of Binder Influence and Rigidity on Knitting Fabrics Treated with PCMs by Padding and Coating. Paper presented at the IOP Conference Series: Materials Science and Engineering. doi:10.1088/1757-899X/254/12/122003

- Dunne, C. P., Keinänen-Toivola, M. M., Kahru, A., Teunissen, B., Olmez, H., Gouveia, I., Melo, L., Murzyn, K., Modic, M., Ahonen, M., Askew, P., Papadopoulos, T., Adlhart, C., & Crijns, F. R. L. (2017). Anti-microbial coating innovations to prevent infectious diseases (AMiCI): Cost action ca15114. Bioengineered, 8(6), 679-685. doi:10.1080/21655979.2017.1323593

- Fernandes, A., Jesus, T., Silva, R., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2017). Effluents from Anaerobic Digestion of Organic Wastes: Treatment by Chemical and Electrochemical Processes. Water, Air, and Soil Pollution, 228(11). doi:10.1007/s11270-017-3620-1

- Fernandes, A., Labiadh, L., Ciríaco, L., Pacheco, M. J., Gadri, A., Ammar, S., & Lopes, A. (2017). Electro-Fenton oxidation of reverse osmosis concentrate from sanitary landfill leachate: Evaluation of operational parameters. Chemosphere, 184, 1223-1229. doi:10.1016/j.chemosphere.2017.06.088

- Fernandes, M., Cardoso, M. A., Rodrigues, L. C., Silva, M. M., Ferreira, R. A. S., Carlos, L. D., Nunes, S. C., & de Zea Bermudez, V. (2017). d-Poly(e-caprolactone) (530)/siloxane biohybrid films doped with protic ionic liquids. Journal of Electroanalytical Chemistry, 799, 249-256. doi:10.1016/j.jelechem.2017.06.009

- Fernandes, P., Bernardo, M. V., G. Pinheiro, A. M., Fiadeiro, P. T., & Pereira, M. (2017). Quality comparison of the HEVC and VP9 encoders performance. Multimedia Tools and

Applications, 76(11), 13633-13649. doi:10.1007/s11042-016-3726-2

- Fernandes, S. R., Lucas, J. M., Cruchinho Gomes, A. I., & Miguel, R. A. L. (2017). Sustainability, social innovation and collaborative economy in fashion design. Paper presented at the Challenges for Technology Innovation: An Agenda for the Future – Proceedings of the International Conference on Sustainable Smart Manufacturing, S2M 2016. doi:10.1201/9781315198101-80

- Mesquita, M. C., Albuquerque, A., Amaral, L., & Nogueira, R. (2017). Seasonal variation of nutrient removal in a full-scale horizontal constructed wetland. Paper presented at the Energy Procedia. doi:10.1016/j.egypro.2017.10.246

- Nogueira, F., & Gouveia, I. C. (2017). Amino acid-based material for the complementary therapy of decubitus ulcers. Journal of Microbiology and Biotechnology, 27(4), 747-758. doi:10.4014/jmb.1609.09061

- Nogueira, F., Karumidze, N., Kusradze, I., Goderdzishvili, M., Teixeira, P., & Gouveia, I. C. (2017). Immobilization of bacteriophage in wound-dressing nanostructure. Nanomedicine: Nanotechnology, Biology, and Medicine, 13(8), 2475-2484. doi:10.1016/j.nano.2017.08.008

- Nunes, M. J., Lopes, A., Pacheco, M. J., & Ciríaco, L. (2017). Preparation, characterization and environmental applications of Sr1 ? x(La,Bi)xTiO3 perovskites immobilized on Ni-foam: photodegradation of the Acid Orange 7. Environmental Science and Pollution Research, 24(12), 11102-11110. doi:10.1007/s11356-016-7417-3

- Nunes, S. C., Pereira, R. F. P., Sousa, N., Silva, M. M., Almeida, P., Figueiredo, F. M. L., & de Zea Bermudez, V. (2017). Eco-Friendly Red Seaweed-Derived Electrolytes for Electrochemical Devices. Advanced Sustainable Systems, 1(9). doi:10.1002/adsu.201700070

- Nunes, S. C., Toquer, G., Cardoso, M. A., Mayoral, A., Ferreira, R. A. S., Carlos, L. D., Ferreira, P., Almeida, P., Cattoën, X., Wong Chi Man, M., & de Zea Bermudez, V. (2017). Structuring of Alkyl-Triazole Bridged Silsesquioxanes. ChemistrySelect, 2(1), 432-442. doi:10.1002/slct.201601806

- Pombal, S., Hernández, Y., Diez, D., Mondolis, E., Mero, A., Morán-Pinzón, J., Guerrero, E. I., & Rodilla, J. M. (2017). Antioxidant activity of carvone and derivatives against superoxide ion. Natural Product Communications, 12(5), 653-655. doi:10.1177/1934578×1701200502

- Pombal, S., Lourenço, J. G., Rocha, P., Ettlin, D., & Rodilla, J. M. (2017). Comparison of a new total fat quantification method in cheese using microwave assisted extraction (MAE) and Soxhlet. Brazilian Journal of Analytical Chemistry, 4(17), 10-15.

- Queirós, L. C. C., Sousa, S. C. L., Duarte, A. F. S., Domingues, F. C., & Ramos, A. M. M. (2017). Development of carboxymethyl xylan films with functional properties. Journal of Food Science and Technology, 54(1), 9-17. doi:10.1007/s13197-016-2389-3

- Ramos, A., Sousa, S., Evtuguin, D. V., & Gamelas, J. A. F. (2017). Functionalized xylans in the production of xylan-coated paper laminates. Reactive and Functional Polymers, 117, 89-96. doi:10.1016/j.reactfunctpolym.2017.06.006

- Ribeiro, L. S., Duarte, P. A. O., & Miguel, R. (2017). Online consumer behaviour of mass-customised apparel products: A hierarchy of traits approach. Journal of Fashion Marketing and Management, 21(2), 158-171. doi:10.1108/JFMM-07-2016-0068

- Silva, F., Scalize, P. S., Cruvinel, K. A. S., & Albuquerque, A. (2017). Characterization of residual soils for infiltration of reclaimed water. Engenharia Sanitaria e Ambiental, 22(1), 95-102. doi:10.1590/S1413-41522016141677

- Sério, S., Silva, L. C., Jorge, M. E. M., Ferreira, S., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2017). Ti/pt/tio2 electrodes prepared by DC magnetron sputtering: Environmental application on the degradation of the acid orange 7. Portugaliae Electrochimica Acta, 35(6), 313-321. doi:10.4152/pea.201706313

- Barbosa, J., Fernandes, A., Ciríaco, L., Lopes, A., & Pacheco, M. J. (2016). Electrochemical Treatment of Olive Processing Wastewater Using a Boron-Doped Diamond Anode. Clean – Soil, Air, Water, 44(9), 1242-1249. doi:10.1002/clen.201500158

- Belizario, P., Scalize, P., & Albuquerque, A. (2016). Heavy Metal Removal in a Detention Basin for Road Runoff. Open Engineering, 6(1), 412-417. doi:10.1515/eng-2016-0060

- Bernardo, M. V., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2016). Image quality under chromatic impairments. ACM Transactions on Applied Perception, 14(1). doi:10.1145/2964908

- Cardoso, M. A., Leones, R., Rodrigues, L. C., Fernandes, M., Figueiredo, F. L., Nunes, S. C., Silva, M. M., & deZeaBermudez, V. (2016). Di-ureasil Hybrid Electrolytes Incorporating a New Proton Ionic Liquid. ChemElectroChem, 3(5), 783-789. doi:10.1002/celc.201500557

- Caytan, O., Lemey, S., Agneessens, S., Vande Ginste, D., Demeester, P., Loss, C., Salvado, R., & Rogier, H. (2016). Half-Mode Substrate-Integrated-Waveguide Cavity-Backed Slot Antenna on Cork Substrate. IEEE Antennas and Wireless Propagation Letters, 15, 162-165. doi:10.1109/LAWP.2015.2435891

- Costa, V. L. D., Costa, A. P., Amaral, M. E., Oliveira, C., Gama, M., Dourado, F., & Simões, R. M. (2016). Effect of hot calendering on physical properties and water vapor transfer resistance of bacterial cellulose films. Journal of Materials Science, 51(21), 9562-9572. doi:10.1007/s10853-016-0112-4

- Costa, V. L. D., Gomes, T. P., & Simões, R. M. S. (2016). Effect of Acid Sulphite Pretreatment on Enzymatic Hydrolysis of Eucalypt, Broom, and Pine. Journal of Wood Chemistry and Technology, 36(1), 63-75. doi:10.1080/02773813.2015.1066393

- Domingo, V., Prieto, C., Silva, L., Rodilla, J. M. L., Quílez Del Moral, J. F., & Barrero, A. F. (2016). Iodine, a Mild Reagent for the Aromatization of Terpenoids. Journal of Natural Products, 79(4), 831-837. doi:10.1021/acs.jnatprod.5b00914

- Fernandes, A., Coelho, J., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2016). Electrochemical wastewater treatment: influence of the type of carbon and of nitrogen on the organic load removal. Environmental Science and Pollution Research, 23(24), 24614-24623. doi:10.1007/s11356-016-6851-6

- Fernandes, A., Santos, D., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2016). Electrochemical oxidation of humic acid and sanitary landfill leachate: Influence of anode material, chloride concentration and current density. Science of the Total Environment, 541, 282-291. doi:10.1016/j.scitotenv.2015.09.052

- Fernandes, L. R., Gomes, A. C., Lopes, A., Albuquerque, A., & Simões, R. M. (2016). Sugar and volatile fatty acids dynamic during anaerobic treatment of olive mill wastewater. Environmental Technology (United Kingdom), 37(8), 997-1007. doi:10.1080/09593330.2015.1096310

- Fonseca, E. S. R., Fiadeiro, P. T., Pereira, M., & Pinheiro, A. (2016). Comparative analysis of autofocus functions in digital in-line phase-shifting holography. Applied Optics, 55(27), 7663-7674. doi:10.1364/AO.55.007663

- García-Gonzalo, E., Santos, A. J. A., Martínez-Torres, J., Pereira, H., Simões, R., García-Nieto, P. J., & Anjos, O. (2016). Prediction of five softwood paper properties from its density using support vector machine regression techniques. BioResources, 11(1), 1892-1904. doi:10.15376/biores.11.1.1892-1904

- Gominho, J., Lourenço, A., Neiva, D., Fernandes, L., Amaral, M., Duarte, A. P., Simões, R., & Pereira, H. (2016). The effect of eucalypt tree overaging on pulping and paper properties. European Journal of Wood and Wood Products, 74(1), 101-108. doi:10.1007/s00107-015-0965-2

- Labiadh, L., Fernandes, A., Ciríaco, L., Pacheco, M. J., Gadri, A., Ammar, S., & Lopes, A. (2016). Electrochemical treatment of concentrate from reverse osmosis of sanitary landfill leachate. Journal of Environmental Management, 181, 515-521. doi:10.1016/j.jenvman.2016.06.069

- Loss, C., Goncalves, R., Lopes, C., Salvado, R., & Pinho, P. (2016). Textile antenna for RF energy harvesting fully embedded in clothing. Paper presented at the 2016 10th European Conference on Antennas and Propagation, EuCAP 2016. doi:10.1109/EuCAP.2016.7481721

- Loss, C., Gonçalves, R., Lopes, C., Pinho, P., & Salvado, R. (2016). Smart coat with a fully-embedded textile antenna for IoT applications. Sensors (Switzerland), 16(6). doi:10.3390/s16060938

- Lourenco, A. F., Simoes, R. S., Costa, A. P., Gamelas, J. A. F., & Ferreira, P. J. (2016). Papermaking trials in a pilot paper machine with a new silica coated PCC filler. Nordic Pulp and Paper Research Journal, 31(2), 341-346. doi:10.3183/npprj-2016-31-02-p341-346

- Mouro, C., & Gouveia, I. C. (2016). Antimicrobial functionalization of wool: assessment of the effect of Cecropin-B and [Ala5]-Tritrp7 antimicrobial peptides. Journal of the Textile Institute, 107(12), 1575-1583. doi:10.1080/00405000.2015.1130297

- Neiva, D. M., Gominho, J., Fernandes, L., Lourenço, A., Chemetova, C., Simões, R. M. S., & Pereira, H. (2016). The Potential of Hydrothermally Pretreated Industrial Barks From E. globulus as a Feedstock for Pulp Production. Journal of Wood Chemistry and Technology, 36(6), 383-392. doi:10.1080/02773813.2016.1184280

- Nogueira, F., Granadeiro, L., Mouro, C., & Gouveia, I. C. (2016). Antimicrobial and antioxidant surface modification toward a new silk-fibroin (SF)-l-Cysteine material for skin disease management. Applied Surface Science, 364, 552-559. doi:10.1016/j.apsusc.2015.12.174

- Nunes, M. J., Monteiro, N., Pacheco, M. J., Lopes, A., & Ciríaco, L. (2016). Ti/?-PbO2 versus Ti/Pt/?-PbO2: Influence of the platinum interlayer on the electrodegradation of tetracyclines. Journal of Environmental Science and Health – Part A Toxic/Hazardous Substances and Environmental Engineering, 51(10), 839-846. doi:10.1080/10934529.2016.1181455

- Pombal, S., Rodrigues, C. F., Araújo, J. P., Rocha, P. M., Rodilla, J. M., Diez, D., Granja, Á. P., Gomes, A. C., & Silva, L. A. (2016). Antibacterial and antioxidant activity of Portuguese Lavandula luisieri (Rozeira) Rivas-Martinez and its relation with their chemical composition. SpringerPlus, 5(1). doi:10.1186/s40064-016-3415-7

- Prazeres, A. R., Rivas, J., Almeida, M. A., Patanita, M., Dôres, J., & Carvalho, F. (2016). Agricultural reuse of cheese whey wastewater treated by NaOH precipitation for tomato production under several saline conditions and sludge management. Agricultural Water Management, 167, 62-74. doi:10.1016/j.agwat.2015.12.025

- Prazeres, A. R., Rivas, J., Paulo, Ú., Ruas, F., & Carvalho, F. (2016). Sustainable treatment of different high-strength cheese whey wastewaters: an innovative approach for atmospheric CO2 mitigation and fertilizer production. Environmental Science and Pollution Research, 23(13), 13062-13075. doi:10.1007/s11356-016-6429-3

- Rodilla, J. M., Neves, P. P., Pombal, S., Rives, V., Trujillano, R., & Díez, D. (2016). Hydrotalcite catalysis for the synthesis of new chiral building blocks. Natural Product Research, 30(7), 834-840. doi:10.1080/14786419.2015.1075525

- Silva, Â., Duarte, A., Sousa, S., Ramos, A., & Domingues, F. C. (2016). Characterization and antimicrobial activity of cellulose derivatives films incorporated with a resveratrol inclusion complex. Lwt, 73, 481-489. doi:10.1016/j.lwt.2016.06.043

- Sousa, S., Gaiolas, C., Costa, A. P., Baptista, C., & Amaral, M. E. (2016). Cold plasma treatment of cotton and viscose fabrics impregnated with essential oils of Lavandula angustifolia and Melaleuca alternifolia. Cellulose Chemistry and Technology, 50(5-6), 711-719.

- Sousa, S., Pedrosa, J., Ramos, A., Ferreira, P. J., & Gamelas, J. A. F. (2016). Surface properties of xylan and xylan derivatives measured by inverse gas chromatography. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 506, 600-606. doi:10.1016/j.colsurfa.2016.07.006

- Sousa, S., Ramos, A., Evtuguin, D. V., & Gamelas, J. A. F. (2016). Xylan and xylan derivatives—Their performance in bio-based films and effect of glycerol addition. Industrial Crops and Products, 94, 682-689. doi:10.1016/j.indcrop.2016.09.031

- Trindade, I. G., da Silva, J. M., Miguel, R., Pereira, M., Lucas, J., Oliveira, L., Valentim, B., Barreto, J., & Silva, M. S. (2016). Design and evaluation of novel textile wearable systems for the surveillance of vital signals. Sensors (Switzerland), 16(10). doi:10.3390/s16101573

- Albuquerque, A., Scalize, P. S., Ferreira, N. C., & Silva, F. (2015). Multi-criteria analysis for site selection for the reuse of reclaimed water and biosolids. Revista Ambiente e Agua, 10(1), 23-34. doi:10.4136/ambi-agua.1550

- Anjos, O., García-Gonzalo, E., Santos, A. J. A., Simões, R., Martínez-Torres, J., Pereir, H., & García-Nieto, P. J. (2015). Using apparent density of paper from hardwood kraft pulps to predict sheet properties, based on unsupervised classification and multivariable regression techniques. BioResources, 10(3), 5920-5931. doi:10.15376/biores.10.3.5920-5931

- Araújo, F. C., Scalize, P. S., Albuquerque, A., & Angelim, R. R. (2015). Physical characterization of the residue of a water treatment plant for using in building materials. Ceramica, 61(360), 450-456. doi:10.1590/0366-69132015613601931

- Bernardo, M. V., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2015). Eye gaze behavior under chromatic impairments and quality assessment. Paper presented at the 2015 7th International Workshop on Quality of Multimedia Experience, QoMEX 2015. doi:10.1109/QoMEX.2015.7148139

- Castillo, A., Silva, L., Briones, D., Quílez del Moral, J. F., & Barrero, A. F. (2015). Collective Synthesis of Natural Products Sharing the Dihydro-?-Ionone Core. European Journal of Organic Chemistry, 2015(15), 3266-3273. doi:10.1002/ejoc.201500208

- Curto, J. M. R., Mendes, A. O., Conceição, E. L. T., Portugal, A. T. G., Fiadeiro, P. T., Ramos, A. M. M., Simões, R. M. S., & Santos Silva, M. J. (2015). Development of an innovative 3D simulator for structured polymeric fibrous materials and liquid droplets: Contribution to the experimental characterization and optimization of deposition time and spreading area using an innovative 3D optic system and a fibrous porous materials simulator Advanced Structured Materials (Vol. 70, pp. 301-321).

- Curto, J. M. R., Rodrigues, T. I. F., & Santos Silva, M. J. (2015). Optimization of fibrous structures with cellulose fibres, polyacrylamide polymers and CaCO3 fillers. Materialwissenschaft und Werkstofftechnik, 46(4-5), 434-439. doi:10.1002/mawe.201500418

- De Mendes, A. O., Fiadeiro, P. T., Costa, A. P., Amaral, M. E., & Belgacem, M. N. (2015). Laser scanning for assessment of the fiber anisotropy and orientation in the surfaces and bulk of the paper. Nordic Pulp and Paper Research Journal, 30(2), 308-318. doi:10.3183/npprj-2015-30-02-p308-318

- Domingo, V., Prieto, C., Castillo, A., Silva, L., Quílez Del Moral, J. F., & Barrero, A. F. (2015). Iodine-Promoted Metal-Free Aromatization: Synthesis of Biaryls, Oligo p-Phenylenes and A-Ring Modified Steroids. Advanced Synthesis and Catalysis, 357(14-15), 3359-3364. doi:10.1002/adsc.201500303

- Fernandes, A., Afonso, N., Coelho, J., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2015). Chemical and electrochemical combined processes to treat sanitary landfill leachates. Portugaliae Electrochimica Acta, 33(4), 241-248. doi:10.4152/pea.201504241

- Fernandes, A., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2015). Review on the electrochemical processes for the treatment of sanitary landfill leachates: Present and future. Applied Catalysis B: Environmental, 176-177, 183-200. doi:10.1016/j.apcatb.2015.03.052

- Fernandes, A., Santos, D., Pacheco, M. J., Ciríaco, L., Simões, R., Gomes, A. C., & Lopes, A. (2015). Electrochemical treatment of cork boiling wastewater with a boron-doped diamond anode. Environmental Technology (United Kingdom), 36(1), 26-35. doi:10.1080/09593330.2014.934743

- Fernandes, N. A. F., Canelo, L. I. N., De Mendonça, D. I. M. D., & De Mendonça, A. J. G. (2015). Acetylcholinesterase inhibitory activity of extracts from angolan medicinal plants. International Journal of Pharmacognosy and Phytochemical Research, 7(4), 768-776.

- Gomes, A. P., Mano, J. F., Queiroz, J. A., & Gouveia, I. C. (2015). Incorporation of antimicrobial peptides on functionalized cotton gauzes for medical applications. Carbohydrate Polymers, 127, 451-461. doi:10.1016/j.carbpol.2015.03.089

- Gomes, A. P., Mano, J. F., Queiroz, J. A., & Gouveia, I. C. (2015). Layer-by-layer assembly for biofunctionalization of cellulosic fibers with emergent antimicrobial agents Advances in Polymer Science (Vol. 271, pp. 225-240).

- Gominho, J., Lourenço, A., Neiva, D., Fernandes, L., Amaral, M. E., Duarte, A. P., Simões, R., & Pereira, H. (2015). Variation of wood pulping and bleached pulp properties along the stem in mature Eucalyptus globulus trees. BioResources, 10(4), 7808-7816. doi:10.15376/biores.10.4.7808-7816

- Gonçalves, I. C., Fonseca, A., Morão, A. M., Pinheiro, H. M., Duarte, A. P., & Ferra, M. I. A. (2015). Evaluation of anaerobic co-digestion of spent brewery grains and an azo dye. Renewable Energy, 74, 489-496. doi:10.1016/j.renene.2014.08.053

- Leones, R., Sentanin, F., Nunes, S. C., Esperança, J. M. S. S., Gonçalves, M. C., Pawlicka, A., Bermudez, V. D. Z., & Silva, M. M. (2015). Effect of the alkyl chain length of the ionic liquid anion on polymer electrolytes properties. Electrochimica Acta, 184, 171-178. doi:10.1016/j.electacta.2015.09.163

- Lourenço, A. F., Simões, R. S., Costa, A. P., Esteves, C., Gamelas, J. A. F., & Ferreira, P. J. (2015). Papermaking pilot trials with a new silica coated PCC filler. Paper presented at the ICCM International Conferences on Composite Materials.

- Lucas, J. M., Belino, N. J. R., Miguel, R. A., Pereira, M. M., & Ribeiro, L. S. (2015). Digital printing techniques for denim jeans Denim: Manufacture, Finishing and Applications (pp. 287-312). doi:10.1016/B978-0-85709-843-6.00010-X

- Monteiro, J. C., Esteves, R., Santos, G., Fiadeiro, P. T., Lobo, J., & Cardoso, J. S. (2015). A comparative analysis of two approaches to periocular recognition in mobile scenarios Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) (Vol. 9475, pp. 268-280).

- Mota, A. S., Rosário Martins, M., Arantes, S., Lopes, V. R., Bettencourt, E., Pombal, S., Gomes, A. C., & Silva, L. A. (2015). Antimicrobial activity and chemical composition of the essential oils of Portuguese foeniculum vulgare fruits. Natural Product Communications, 10(4), 673-676. doi:10.1177/1934578×1501000437

- Neiva, D., Fernandes, L., Araújo, S., Lourenço, A., Gominho, J., Simões, R., & Pereira, H.

(2015). Chemical composition and kraft pulping potential of 12 eucalypt species. Industrial Crops and Products, 66, 30-30. doi:10.1016/j.indcrop.2014.12.016

- Nunes, S. C., Almeida, P., & de Zea Bermudez, V. (2015). Ordered Mesoporous Sol-Gel Materials: From Molecular Sieves to Crystal-Like Periodic Mesoporous Organosilicas The Sol-Gel Handbook (Vol. 1-3, pp. 575-604). doi:10.1002/9783527670819.ch18

- Nunes, S. C., Bürglová, K., Hoda?ová, J., Ferreira, R. A. S., Carlos, L. D., Almeida, P., Cattoën, X., Wong Chi Man, M., & De Zea Bermudez, V. (2015). Nanostructuring of bridged organosilane precursors with pendant Alkyl chains. European Journal of Inorganic Chemistry, 2015(7), 1218-1225. doi:10.1002/ejic.201402673

- Nunes, S. C., Hümmer, J., Freitas, V. T., Ferreira, R. A. S., Carlos, L. D., Almeida, P., & De Zea Bermudez, V. (2015). Di-amidosils with tunable structure, morphology and emission quantum yield: the role of hydrogen bonding. Journal of Materials Chemistry C, 3(26), 6844-6861. doi:10.1039/c5tc00721f

- Nunes, S. C., Hümmer, J., Freitas, V. T., Ferreira, R. A. S., Carlos, L. D., Almeida, P., & De Zea Bermudez, V. (2015). Erratum: Di-amidosils with tunable structure, morphology and emission quantum yield: The role of hydrogen bonding (Journal of Materials Chemistry C (2015) 3 (6844-6861)). Journal of Materials Chemistry C, 3(31), 8272. doi:10.1039/c5tc90133b

- Ribeiro, L. S., Miguel, R. A. L., Pereira, M. M. R., Lucas, J. M., & Trindade, I. M. G. (2015). Human body as fashion space: fashion accessories, design and woven fabrics. Journal of Fashion Marketing and Management, 19(3), 249-257. doi:10.1108/JFMM-07-2013-0088

- Santos, G., Fiadeiro, P. T., & Proença, H. (2015). BioHDD: A dataset for studying biometric identification on heavily degraded data. IET Biometrics, 4(1), 1-9. doi:10.1049/iet-bmt.2014.0045

- Santos, G., Grancho, E., Bernardo, M. V., & Fiadeiro, P. T. (2015). Fusing iris and periocular information for cross-sensor recognition. Pattern Recognition Letters, 57, 52-59. doi:10.1016/j.patrec.2014.09.012

- Serra, P. M. D., Espirito-Santo, A., & Albuquerque, A. (2015). An experimental setup for energy efficiency evaluation of microbial fuel cells. Paper presented at the Proceedings of the IEEE International Conference on Industrial Technology. doi:10.1109/ICIT.2015.7125212

- Trindade, I. G., Matos, J., Lucas, J., Miguel, R., Pereira, M., & Silva, M. S. (2015). Synthesis of poly(3, 4-ethylenedioxythiophene) coating on textiles by the vapor phase polymerization method. Textile Research Journal, 85(3), 325-333. doi:10.1177/0040517514545259

- Anjo, C., Figueiredo, J. A., Ismael, M. I., Cabrita, I., & Fernandes, A. C. (2014). Synthesis of ferrocene derivatives functionalized with ?-methylene- ?-butyrolactone rings Dedicated to Professor Maria José Calhorda on the occasion of her 65th birthday. Journal of Organometallic Chemistry, 760, 19-23. doi:10.1016/j.jorganchem.2014.01.032

- Anjos, O., Santos, A. J. A., Simões, R., & Pereira, H. (2014). Morphological, mechanical, and optical properties of cypress papers. Holzforschung, 68(8), 867-874.

doi:10.1515/hf-2013-0125

- Antunes, L., Faustino, G., Mouro, C., Vaz, J., & Gouveia, I. C. (2014). Bioactive microsphere-based coating for biomedical-textiles with encapsulated antimicrobial peptides (AMPs). Ciencia e Tecnologia dos Materiais, 26(2), 118-125. doi:10.1016/j.ctmat.2015.03.006

- Baptista, P., Costa, A. P., Simões, R., & Amaral, M. E. (2014). Ailanthus altissima: An alternative fiber source for papermaking. Industrial Crops and Products, 52, 32-37. doi:10.1016/j.indcrop.2013.10.008

- Bernardo, M. V., Pinheiro, A. M. G., Fiadeiro, P. T., & Pereira, M. (2014). Quality assessment of chromatic variations: A study of Full-Reference and No-Reference Metrics. Paper presented at the European Signal Processing Conference.

- Bia?owiec, A., Albuquerque, A., & Randerson, P. F. (2014). The influence of evapotranspiration on vertical flow subsurface constructed wetland performance. Ecological Engineering, 67, 89-94. doi:10.1016/j.ecoleng.2014.03.032

- Borges, L. M., Barroca, N., Saraiva, H. M., Tavares, J., Gouveia, P. T., Velez, F. J., Loss, C., Salvado, R., Pinho, P., Goncalves, R., Carvalho, N. B., Chavez-Santiago, R., & Balasingham, I. (2014). Design and evaluation of multi-band RF energy harvesting circuits and antennas for WSNs. Paper presented at the 2014 21st International Conference on Telecommunications, ICT 2014. doi:10.1109/ICT.2014.6845129

- Brinzila, C. I., Monteiro, N., Pacheco, M. J., Ciríaco, L., Siminiceanu, I., & Lopes, A. (2014). Degradation of tetracycline at a boron-doped diamond anode: Influence of initial pH, applied current intensity and electrolyte. Environmental Science and Pollution Research, 21(14), 8457-8465. doi:10.1007/s11356-014-2778-y

- Brînzil?, C. I., Pacheco, M. J., Ciríaco, L., Ciobanu, R. C., & Lopes, A. (2014). Decontamination of synthetic wastewater containing pharmaceutical contaminants by anodic oxidation with Boron-Doped Diamnond (BDD) electrode. Environmental Engineering and Management Journal, 13(9), 2337-2342.

- Fernandes, A., Oliveira, C., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2014). Anodic oxidation of oxytetracycline: Influence of the experimental conditions on the degradation rate and mechanism. Journal of Electrochemical Science and Engineering, 4(4), 203-213. doi:10.5599/jese.2014.0062

- Fernandes, A., Santos, D., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2014). Nitrogen and organic load removal from sanitary landfill leachates by anodic oxidation at Ti/Pt/PbO2, Ti/Pt/SnO2-Sb2O4 and Si/BDD. Applied Catalysis B: Environmental, 148-149, 288-294. doi:10.1016/j.apcatb.2013.10.060

- Fernandes, A., Spranger, P., Fonseca, A. D., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2014). Effect of electrochemical treatments on the biodegradability of sanitary landfill leachates. Applied Catalysis B: Environmental, 144, 514-520. doi:10.1016/j.apcatb.2013.07.054

- Gomes, A. P., Mano, J. F., Queiroz, J. A., & Gouveia, I. C. (2014). New biomaterial based on cotton with incorporated Biomolecules. Journal of Applied Polymer Science, 131(15).

doi:10.1002/app.40519

- Gominho, J., Lopes, C., Lourenço, A., Simões, R., & Pereira, H. (2014). Eucalyptus globulus stumpwood as a raw material for pulping. BioResources, 9(3), 4038-4049. doi:10.15376/biores.9.3.4038-4049

- Machado, J. S., Louzada, J. L., Santos, A. J. A., Nunes, L., Anjos, O., Rodrigues, J., Simões, R. M. S., & Pereira, H. (2014). Variation of wood density and mechanical properties of blackwood (Acacia melanoxylon R. Br.). Materials and Design, 56, 975-980. doi:10.1016/j.matdes.2013.12.016

- Manich, A. M., Miguel, R., Silva, M. J. D. S., Lucas, J., Martí, M., & Cayuela, D. (2014). Effect of processing and wearing on viscoelastic modeling of polylactide/wool and polyester/wool woven fabrics subjected to bursting. Textile Research Journal, 84(18), 1961-1975. doi:10.1177/0040517514530034

- Mendes, A. D. O., Fiadeiro, P. T., Costa, A. P., Amaral, M. E., & Belgacem, M. N. (2014). Study of repeatability of an optical laser system for characterization of the paper fiber distribution and mass density. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2062697

- Mouro, C., Pedrosa, M., Va, J., & Gouveia, I. (2014). Two surface activation strategies to functionalize cotton fibers with Cys-LC-LL-37 antibacterial peptide. AATCC Journal of Research, 1(6), 27-33. doi:10.14504/ajr.1.6.4

- Nogueira, F., Vaz, J., Mouro, C., Piskin, E., & Gouveia, I. (2014). Covalent modification of cellulosic-based textiles: A new strategy to obtain antimicrobial properties. Biotechnology and Bioprocess Engineering, 19(3), 526-533. doi:10.1007/s12257-013-0498-7

- Nunes, S. C., Ferreira, C. B., Ferreira, R. A. S., Carlos, L. D., Ferro, M. C., Mano, J. F., Almeida, P., & De Zea Bermudez, V. (2014). Fractality and metastability of a complex amide cross-linked dipodal alkyl/siloxane hybrid. RSC Advances, 4(103), 59664-59675. doi:10.1039/c4ra11300d

- Nunes, S. C., Freitas, V. T., Ferreira, R. A. S., Carlos, L. D., Almeida, P., & de Zea Bermudez, V. (2014). Lamellar mono-amidosil hybrids doped with Rhodamine (B) methyl ester perchlorate. Journal of Sol-Gel Science and Technology, 72(2), 239-251. doi:10.1007/s10971-014-3339-z

- Pacheco, M. J., Regalado, F., Santos, D., Ciríaco, L., & Lopes, A. (2014). Synthesis and environmental applications of BaPb1-xSbxO 3 solid solutions. Journal of the Electrochemical Society, 161(9), H474-H480. doi:10.1149/2.0391409jes

- Pedrosa, M., Mouro, C., Nogueira, F., Vaz, J., & Gouveia, I. (2014). Comparison of the antibacterial activity of modified-cotton with magainin I and LL-37 with potential as wound-dressings. Journal of Applied Polymer Science, 131(21). doi:10.1002/app.40997

- Piedade, D., Bernardoy, M. V., Fiadeiro, P. T., Pinheiro, A. M. G., & Pereira, M. (2014). Chromatic variations on 3D video and QoE. Paper presented at the European Signal Processing Conference.

- Prazeres, A. R., Carvalho, F., Rivas, J., Patanita, M., & Dôres, J. (2014). Reuse of pretreated cheese whey wastewater for industrial tomato production (Lycopersicon esculentum Mill.). Agricultural Water Management, 140, 87-95. doi:10.1016/j.agwat.2014.04.002

- Ramos, A., Sousa, S., Simões, R., & Serra, T. J. M. (2014). Mechanical characterization of the coating layer of the coated paper. IPPTA: Quarterly Journal of Indian Pulp and Paper Technical Association, 26(1), 98-102.

- Rebelo, A., Ferra, I., Gonçalves, I., & Marques, A. M. (2014). A risk assessment model for water resources: Releases of dangerous and hazardous substances. Journal of Environmental Management, 140, 51-59. doi:10.1016/j.jenvman.2014.02.025

- Rodrigues, A. L., Machado, A. V., Nóbrega, J. M., Albuquerque, A., Brito, A. G., & Nogueira, R. (2014). A poly-?-caprolactone based biofilm carrier for nitrate removal from water. International Journal of Environmental Science and Technology, 11(2), 263-268. doi:10.1007/s13762-013-0250-z

- Rodrigues, A., Pereira, J., Ciríaco, L., Lopes, A., & Pacheco, M. J. (2014). Environmental application of the BaPb0.9Sb0.1O3 perovskite: Guaiacol electrodegradation. Portugaliae Electrochimica Acta, 32(3), 243-252. doi:10.4152/pea.201403243

- Santos, A. J. A., Anjos, O., Morais, M. C., Diogo, G., Simões, R., & Pereira, H. (2014). Characterization of cypress wood for kraft pulp production. BioResources, 9(3), 4764-4774. doi:10.15376/biores.9.3.4764-4774

- Santos, A. J. A., Anjos, O., Simões, R., Rodrigues, J., & Pereira, H. (2014). Kappa number prediction of Acacia melanoxylon unbleached kraft pulps using nir-plsr models with a narrow interval of variation. BioResources, 9(4), 6735-6744. doi:10.15376/biores.9.4.6735-6744

- Santos, D., Lopes, A., Pacheco, M. J., Gomes, A., & Ciríaco, L. (2014). The oxygen evolution reaction at Sn-Sb oxide anodes: Influence of the oxide preparation mode. Journal of the Electrochemical Society, 161(9), H564-H572. doi:10.1149/2.1031409jes

- Saraiva, H. M., Borges, L. M., Barroca, N., Tavares, J., Gouveia, P. T., Velez, F. J., Loss, C., Salvado, R., Pinho, P., Gonçalves, R., Carvalho, N. B., Chavéz-Santiago, R., & Balasingham, I. (2014). Experimental characterization of wearable antennas and circuits for RF energy harvesting in WBANs. Paper presented at the IEEE Vehicular Technology Conference. doi:10.1109/VTCSpring.2014.7022920

- Serra, P. M., Santos, L. F., Corte-Real, J. P., & Fiadeiro, P. T. (2014). Revisiting grating orientation effects on visual contrast sensitivity using optical interferometry. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2063728

- Sousa, S. C. L., Mendes, A. D. O., Fiadeiro, P. T., & Ramos, A. M. M. (2014). Dynamic interactions of pigment-based inks on chemically modified papers and their influence on inkjet print quality. Industrial and Engineering Chemistry Research, 53(12), 4660-4668. doi:10.1021/ie403595f

- Sousa, S., de Sousa, A. M., Reis, B., & Ramos, A. (2014). Influence of binders on inkjet print

quality. Medziagotyra, 20(1), 55-60. doi:10.5755/j01.ms.20.1.1998

- Trindade, I. G., Miguel, R., Lucas, J., Pereira, M., & Santos Silva, M. (2014). A method to produce microelectronic devices on textile and paper substrates. Paper presented at the Technical Proceedings of the 2014 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2014.

- Trindade, I. G., Spranger, P., Martins, F., Miguel, R., & Santos Silva, M. (2014). Fully integrated embroidery process for smart textiles. Paper presented at the Technical Proceedings of the 2014 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2014.

- Arrifano, A., Antonini, M., Fiadeiro, P. T., & Pereira, M. (2013). Digital hologram recording and stereo reconstruction from a single hologram. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2025294

- Barroca, N., Saraiva, H. M., Gouveia, P. T., Tavares, J., Borges, L. M., Velez, F. J., Loss, C., Salvado, R., Pinho, P., Gonçalves, R., Borgescarvalho, N., Chavéz-Santiago, R., & Balasingham, I. (2013). Antennas and circuits for ambient RF energy harvesting in wireless body area networks. Paper presented at the IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC. doi:10.1109/PIMRC.2013.6666194

- Bernardo, M. V., Pinheiro, A. M. G., Pereira, M., & Fiadeiro, P. T. (2013). Objective evaluation of chromatic quality assessment. Paper presented at the Proceedings – IEEE International Conference on Multimedia and Expo. doi:10.1109/ICME.2013.6607544

- Bernardo, M. V., Pinheiro, A. M. G., Pereira, M., & Fiadeiro, P. T. (2013). Specific chromatic errors: A quality assessment. Paper presented at the 2013 5th International Workshop on Quality of Multimedia Experience, QoMEX 2013 – Proceedings. doi:10.1109/QoMEX.2013.6603192

- Borges, C. M. P., De Mendonça, D. I. M. D., Pinheiro, S. C. S., Vieira, L., Mendonça, A. J. G., Gaspar, J. F., Martins, C., Diakanawma, C., & Rueff, J. (2013). New neo-clerodanes from Tinnea antiscorbutica Welv. Journal of the Brazilian Chemical Society, 24(12), 1950-1956. doi:10.5935/0103-5053.20130244

- Caldeira, E., Piskin, E., Granadeiro, L., Silva, F., & Gouveia, I. C. (2013). Biofunctionalization of cellulosic fibres with l-cysteine: Assessment of antibacterial properties and mechanism of action against Staphylococcus aureus and Klebsiella pneumoniae. Journal of Biotechnology, 168(4), 426-435. doi:10.1016/j.jbiotec.2013.10.021

- Carvalho, F., Prazeres, A. R., & Rivas, J. (2013). Cheese whey wastewater: Characterization and treatment. Science of the Total Environment, 445-446, 385-396. doi:10.1016/j.scitotenv.2012.12.038

- Costa, A. P., Belgacem, M. N., Silva, M. S., Thielemans, W., & Gaiolas, C. (2013). Cold-plasma assisted hydrophobisation of lignocellulosic fibres. Current Organic Chemistry, 17(9), 892-899. doi:10.2174/1385272811317090003

- De O. Mendes, A., Fiadeiro, P. T., Costa, A. P., Amaral, M. E., & Belgacem, M. N. (2013). Retro-diffusion and transmission of laser radiation to characterize the paper fiber distribution

and mass density. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2022367

- De Oliveira Mendes, A., Fiadeiro, P. T., Ramos, A. M. M., & De Sousa, S. C. L. (2013). Development of an optical system for analysis of the ink-paper interaction. Machine Vision and Applications, 24(8), 1733-1750. doi:10.1007/s00138-013-0496-y

- Fernandes, A., Catalão, E., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2013). Electrochemical treatment of leachates from sanitary landfills. Journal of Electrochemical Science and Engineering, 3(3), 125-135. doi:10.5599/jese.2013.0034

- Fiadeiro, P. T., Mendes, A. D. O., Ramos, A. M. M., & De Sousa, S. C. L. (2013). Study of the ink-paper interaction by image analysis: Surface and bulk inspection. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.2024991

- Florêncio, J., Pacheco, M. J., Lopes, A., & Ciríaco, L. (2013). Application of Ti/Pt/?-PbO2 Anodes in the Degradation of DR80 Azo Dye. Portugaliae Electrochimica Acta, 31(5), 257-264. doi:10.4152/pea.201305257

- Gaiolas, C., Costa, A. P., Santos Silva, M., Thielemans, W., & Amaral, M. E. (2013). Cold plasma-assisted paper recycling. Industrial Crops and Products, 43(1), 114-118. doi:10.1016/j.indcrop.2012.07.016

- Gomes, A. C., Silva, L., Simões, R., Canto, N., & Albuquerque, A. (2013). Toxicity reduction and biodegradability enhancement of cork processing wastewaters by ozonation. Water Science and Technology, 68(10), 2214-2219. doi:10.2166/wst.2013.478

- Gomes, A. P., Mano, J. F., Queiroz, J. A., & Gouveia, I. C. (2013). Layer-by-layer deposition of antimicrobial polymers on cellulosic fibers: A new strategy to develop bioactive textiles. Polymers for Advanced Technologies, 24(11), 1005-1010. doi:10.1002/pat.3176

- Goncalves, R., Carvalho, N. B., Pinho, P., Loss, C., & Salvado, R. (2013). Textile antenna for electromagnetic energy harvesting for GSM900 and DCS1800 bands. Paper presented at the IEEE Antennas and Propagation Society, AP-S International Symposium (Digest). doi:10.1109/APS.2013.6711263

- González-Martínez, A., Calderón, K., Albuquerque, A., Hontoria, E., González-López, J., Guisado, I. M., & Osorio, F. (2013). Biological and technical study of a partial-SHARON reactor at laboratory scale: Effect of hydraulic retention time. Bioprocess and Biosystems Engineering, 36(2), 173-184. doi:10.1007/s00449-012-0772-7

- Mesquita, M. C., Albuquerque, A., Amaral, L., & Nogueira, R. (2013). Effect of vegetation on the performance of horizontal subsurface flow constructed wetlands with lightweight expanded clay aggregates. International Journal of Environmental Science and Technology, 10(3), 433-442. doi:10.1007/s13762-012-0119-6

- Nunes, S. C., Ferreira, C. B., Hümmer, J., Ferreira, R. A. S., Carlos, L. D., Almeida, P., & De Zea Bermudez, V. (2013). Lamellar mono-amidosil hybrids incorporating monomethinecyanine dyes. Journal of Materials Chemistry C, 1(12), 2290-2301.

doi:10.1039/c3tc00515a

- Nunes, S. C., Ferreira, R. A. S., Carlos, L. D., Almeida, P., & De Zea Bermudez, V. (2013). Lamellar salt-doped hybrids with two reversible order/disorder phase transitions. Journal of Physical Chemistry B, 117(46), 14529-14543. doi:10.1021/jp407366c

- Prazeres, A. R., Carvalho, F., & Rivas, J. (2013). Fenton-like application to pretreated cheese whey wastewater. Journal of Environmental Management, 129, 199-205. doi:10.1016/j.jenvman.2013.07.016

- Prazeres, A. R., Carvalho, F., Rivas, J., Patanita, M., & DÔres, J. (2013). Pretreated cheese whey wastewater management by agricultural reuse: Chemical characterization and response of tomato plants Lycopersicon esculentum Mill. under salinity conditions. Science of the Total Environment, 463-464, 943-951. doi:10.1016/j.scitotenv.2013.06.080

- Prazeres, A. R., Carvalho, F., Rivas, J., Patanita, M., & Dôres, J. (2013). Growth and development of tomato plants Lycopersicon Esculentum Mill. under different saline conditions by fertirrigation with pretreated cheese whey wastewater. Water Science and Technology, 67(9), 2033-2041. doi:10.2166/wst.2013.085

- Ramos, A. M., Pereira, S., Cidade, M. T., Pereira, G., Branquinho, R., Pereira, L., Martins, R., & Fortunato, E. (2013). Preparation and characterization of cellulose nanocomposite hydrogels as functional electrolytes. Solid State Ionics, 242, 26-32. doi:10.1016/j.ssi.2013.03.028

- Santos, D. C., Silva, L., Albuquerque, A., Simões, R., & Gomes, A. C. (2013). Biodegradability enhancement and detoxification of cork processing wastewater molecular size fractions by ozone. Bioresource Technology, 147, 143-151. doi:10.1016/j.biortech.2013.07.154

- Santos, D., Pacheco, M. J., Gomes, A., Lopes, A., & Ciríaco, L. (2013). Preparation of Ti/Pt/SnO2-Sb2O4 electrodes for anodic oxidation of pharmaceutical drugs. Journal of Applied Electrochemistry, 43(4), 407-416. doi:10.1007/s10800-013-0527-4

- Sousa, S., Gamelas, J. A., De Oliveira Mendes, A., Fiadeiro, P. T., & Ramos, A. (2013). Interactions of ink colourants with chemically modified paper surfaces concerning inkjet print improvement. Materials Chemistry and Physics, 139(2-3), 877-884. doi:10.1016/j.matchemphys.2013.02.048

- Tavares, J., Barroca, N., Saraiva, H. M., Borges, L. M., Velez, F. J., Loss, C., Salvado, R., Pinho, P., Gonçalves, R., & Borges Carvalho, N. (2013). Spectrum opportunities for electromagnetic energy harvesting from 350 MHz to 3 GHz. Paper presented at the International Symposium on Medical Information and Communication Technology, ISMICT. doi:10.1109/ISMICT.2013.6521714

- Albuquerque, A. (2012). Spatial variation of longitudinal dispersion in LECA-based vegetated beds. Defect and Diffusion Forum, 326-328, 279-284. doi:10.4028/www.scientific.net/DDF.326-328.279

- Albuquerque, A., González-Martínez, A., & Osorio, F. (2012). Effect of aeration on steady-

state conditions in non- and partially aerated low-loaded biofilter. International Journal of Environmental Science and Technology, 9(3), 395-408. doi:10.1007/s13762-012-0073-3

- Albuquerque, A., Makinia, J., & Pagilla, K. (2012). Impact of aeration conditions on the removal of low concentrations of nitrogen in a tertiary partially aerated biological filter. Ecological Engineering, 44, 44-52. doi:10.1016/j.ecoleng.2012.03.006

- Amado, L., Albuquerque, A., & Espírito Santo, A. (2012). Influence of stormwater infiltration on the treatment capacity of a LECA-based horizontal subsurface flow constructed wetland. Ecological Engineering, 39, 16-23. doi:10.1016/j.ecoleng.2011.11.009

- Bernardo, M. V., Pinheiro, A. M. G., Pereira, M., & Fiadeiro, P. T. (2012). A study on the user perception to color variations. Paper presented at the MM 2012 – Proceedings of the 20th ACM International Conference on Multimedia. doi:10.1145/2393347.2396369

- Bia?owiec, A., Davies, L., Albuquerque, A., & Randerson, P. F. (2012). Nitrogen removal from landfill leachate in constructed wetlands with reed and willow: Redox potential in the root zone. Journal of Environmental Management, 97(1), 22-27. doi:10.1016/j.jenvman.2011.11.014

- Bia?owiec, A., Davies, L., Albuquerque, A., & Randerson, P. F. (2012). The influence of plants on nitrogen removal from landfill leachate in discontinuous batch shallow constructed wetland with recirculating subsurface horizontal flow. Ecological Engineering, 40, 44-52. doi:10.1016/j.ecoleng.2011.12.011

- Brinzila, C. I., Pacheco, M. J., Ciríaco, L., Ciobanu, R. C., & Lopes, A. (2012). Electrodegradation of tetracycline on BDD anode. Chemical Engineering Journal, 209, 54-61. doi:10.1016/j.cej.2012.07.112

- Castro-Gomes, J. P., Silva, A. P., Cano, R. P., Durán Suarez, J., & Albuquerque, A. (2012). Potential for reuse of tungsten mining waste-rock in technical-artistic value added products. Journal of Cleaner Production, 25, 34-41. doi:10.1016/j.jclepro.2011.11.064

- De Mendonça Rocha, P. M., Rodilla, J. M., Díez, D., Elder, H., Guala, M. S., Silva, L. A., & Pombo, E. B. (2012). Synergistic antibacterial activity of the essential oil of aguaribay (schinus molle l.). Molecules, 17(10), 12023-12036. doi:10.3390/molecules171012023

- Fernandes, A., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2012). Anodic oxidation of a biologically treated leachate on a boron-doped diamond anode. Journal of Hazardous Materials, 199-200, 82-87. doi:10.1016/j.jhazmat.2011.10.074

- Figueiredo, J. A., Ismael, M. I., Pinheiro, J. M., Silva, A. M. S., Justino, J., Silva, F. V. M., Goulart, M., Mira, D., Araújo, M. E. M., Campoy, R., & Rauter, A. P. (2012). Facile synthesis of oxo-/thioxopyrimidines and tetrazoles C-C linked to sugars as novel non-toxic antioxidant acetylcholinesterase inhibitors. Carbohydrate Research, 347(1), 47-54. doi:10.1016/j.carres.2011.11.006

- Frade, T., Gomes, A., Da Silva Pereira, M. I., Lopes, A., & Ciríaco, L. (2012). Photoelectrodegradation of AO7 dye by ZnO-TiO 2 nanocomposite films. Quimica Nova, 35(1), 30-34. doi:10.1590/S0100-40422012000100006

- Gaiolas, C., Amaral, M. E., Costa, A. P., Santos Silva, M. J., & Belgacem, M. N. (2012). Cold-plasma assisted grafting of cellulose fibres by acrylic monomers. Paper presented at the AIP Conference Proceedings. doi:10.1063/1.4738475

- Gaiolas, C., Costa, A. P., Santos Silva, M. J., & Belgacem, M. N. (2012). Cold-plasma assisted hydrophobisation of cellulose fibres with styrene and para-halogenated homologues. Paper presented at the AIP Conference Proceedings. doi:10.1063/1.4738471

- Gil, N., Domingues, F. C., Amaral, M. E., & Duarte, A. P. (2012). Optimization of diluted acid pretreatment of cytisus striatus and cistus ladanifer for bioethanol production. Journal of Biobased Materials and Bioenergy, 6(3), 292-298. doi:10.1166/jbmb.2012.1214

- Gomes, A. C., Fernandes, L. R., & Simões, R. M. S. (2012). Oxidation rates of two textile dyes by ozone: Effect of pH and competitive kinetics. Chemical Engineering Journal, 189-190, 175-181. doi:10.1016/j.cej.2012.02.051

- Gomes, A. P., Mano, J. F., Queiroz, J. A., & Gouveia, I. C. (2012). Layer-by-Layer Deposition of Antibacterial Polyelectrolytes on Cotton Fibres. Journal of Polymers and the Environment, 20(4), 1084-1094. doi:10.1007/s10924-012-0507-5

- Gomes, A., Frade, T., Lobato, K., Jorge, M. E. M., Da Silva Pereira, M. I., Ciriaco, L., & Lopes, A. (2012). Annealed Ti/Zn-TiO 2 nanocomposites tested as photoanodes for the degradation of Ibuprofen. Journal of Solid State Electrochemistry, 16(6), 2061-2069. doi:10.1007/s10008-011-1608-0

- Gouveia, I. C. (2012). Synthesis and characterization of a microsphere-based coating for textiles with potential as an in situ bioactive delivery system. Polymers for Advanced Technologies, 23(3), 350-356. doi:10.1002/pat.1877

- Gouveia, I. C., Sá, D., & Henriques, M. (2012). Functionalization of wool with L -cysteine: Process characterization and assessment of antimicrobial activity and cytotoxicity. Journal of Applied Polymer Science, 124(2), 1352-1358. doi:10.1002/app.34587

- Luís, A., Gil, N., Amaral, M. E., & Duarte, A. P. (2012). Antioxidant activities of extracts from Acacia melanoxylon, Acacia dealbata and Olea europaea and alkaloids estimation. International Journal of Pharmacy and Pharmaceutical Sciences, 4(SUPPL.1), 225-231.

- Luís, Â., Gil, N., Amaral, M. E., Domingues, F., & Duarte, A. P. (2012). Ailanthus altissima (Miller) Swingle: A source of bioactive compounds with antioxidant activity. BioResources, 7(2), 2105-2120. doi:10.15376/biores.7.2.2105-2120

- Norma, D., Fernandes, A., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2012). Electrocoagulation and anodic oxidation as a complement of biological treatment of sanitary landfill leachates. Portugaliae Electrochimica Acta, 30(4), 281-294. doi:10.4152/pea.201204281

- Norma, D., Fernandes, A., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2012). Electrocoagulation and anodic oxidation integrated process to treat leachate from a Portuguese sanitary landfill. Portugaliae Electrochimica Acta, 30(3), 221-234. doi:10.4152/pea.201203221

- Nunes, S. C., Silva, N. J. O., Hümmer, J., Ferreira, R. A. S., Almeida, P., Carlos, L. D., & De

Zea Bermudez, V. (2012). Water-mediated structural tunability of an alkyl/siloxane hybrid: From amorphous material to lamellar structure or bilamellar superstructure. RSC Advances, 2(5), 2087-2099. doi:10.1039/c2ra00702a

- Pires, A., & Miguel, R. (2012). Design of therapeutic clothing for sensory stimulation of children with psychomotor delay. Work, 41(SUPPL.1), 4739-4745. doi:10.3233/WOR-2012-0026-4739

- Prazeres, A. R., Carvalho, F., & Rivas, J. (2012). Cheese whey management: A review. Journal of Environmental Management, 110, 48-68. doi:10.1016/j.jenvman.2012.05.018

- Salvado, R., Loss, C., Gon, & Pinho, P. (2012). Textile materials for the design of wearable antennas: A survey. Sensors (Switzerland), 12(11), 15841-15857. doi:10.3390/s121115841

- Santos, A. J. A., Alves, A. M. M., Simões, R. M. S., Pereira, H., Rodrigues, J., & Schwanninger, M. (2012). Estimation of wood basic density of Acacia melanoxylon (R. Br.) by near infrared spectroscopy. Journal of Near Infrared Spectroscopy, 20(2), 267-274. doi:10.1255/jnirs.986

- Santos, A., Anjos, O., Amaral, M. E., Gil, N., Pereira, H., & Simões, R. (2012). Influence on pulping yield and pulp properties of wood density of Acacia melanoxylon. Journal of Wood Science, 58(6), 479-486. doi:10.1007/s10086-012-1286-2

- Sebastião, N. N., Fernandes, N., Vieira, L., Mendonça, A. J. G., Gaspar, J. F., Martins, C., Rueff, J., Diakanamwa, C., & De Mendonça, D. I. M. (2012). Three new labdanes isolated from eragrostis viscose. Journal of the Brazilian Chemical Society, 23(10), 1940-1950. doi:10.1590/S0103-50532012005000067

- Silva, I., Castro-Gomes, J. P., & Albuquerque, A. (2012). Effect of immersion in water partially alkali-activated materials obtained of tungsten mine waste mud. Construction and Building Materials, 35, 117-124. doi:10.1016/j.conbuildmat.2012.02.069

- Silva, I., Castro-Gomes, J., & Albuquerque, A. (2012). Mineral Waste Geopolymeric Artificial Aggregates as Alternative Materials for Wastewater-Treatment Processes: Study of Structural Stability and pH Variation in Water. Journal of Materials in Civil Engineering, 24(6), 623-628. doi:10.1061/(ASCE)MT.1943-5533.0000429

- Alves, D., Monte, H. M. D., & Albuquerque, A. (2011). Water reuse projects – Technical and economic sustainability. E-Water.

- Alves, J. L., Belino, N. J., & Geraldes, M. J. (2011). Nano-bioabsorbent composite wound dressing for exudate management. Paper presented at the 1st Portuguese Meeting in Biomedical Engineering, ENBENG 2011. doi:10.1109/ENBENG.2011.6026058

- Anjos, O. M. S., Santos, A. J. A., & Simões, R. M. S. (2011). Effect of Acacia melanoxylon fibre morphology on papermaking potential. Appita Journal, 64(2), 185-191.

- Ascensão, C., Ciríaco, L., Pacheco, M. J., & Lopes, A. (2011). Metal recovery from aqueous solutions. Portugaliae Electrochimica Acta, 29(5), 349-359. doi:10.4152/pea.201105349

- Braga, M. E. M., Costa, V. P., Pereira, M. J. T., Fiadeiro, P. T., Gomes, A. P. A. R., Duarte, C. M. M., & De Sousa, H. C. (2011). Effects of operational conditions on the supercritical solvent impregnation of acetazolamide in Balafilcon A commercial contact lenses. International Journal of Pharmaceutics, 420(2), 231-243. doi:10.1016/j.ijpharm.2011.08.040

- Ciríaco, L., Santos, D., Pacheco, M. J., & Lopes, A. (2011). Anodic oxidation of organic pollutants on a Ti/SnO2-Sb 2O4 anode. Journal of Applied Electrochemistry, 41(5), 577-587. doi:10.1007/s10800-011-0266-3

- Curto, J. M. R., Conceição, E. L. T., Portugal, A. T. G., & Simões, R. M. S. (2011). Three dimensional modelling of fibrous materials and experimental validation. Materialwissenschaft und Werkstofftechnik, 42(5), 370-374. doi:10.1002/mawe.201100790

- Diogo, J. C., Morão, A., & Lopes, A. (2011). Persistent aromatic pollutants removal using a combined process of electrochemical treatment and reverse osmosis/nanofiltration. Environmental Progress and Sustainable Energy, 30(3), 399-408. doi:10.1002/ep.10497

- Faini, F., Torres, R., Rodilla, J. M., Labbé, C., Delported, C., & Jañaa, F. (2011). Chemistry and bioactivity of haplopappus remyanus (“bailahuen”), a chilean medicinal plant. Journal of the Brazilian Chemical Society, 22(12), 2344-2349. doi:10.1590/S0103-50532011001200015

- Farropas, S. M. S., Belino, N. J. R., Cabrita, C. M. P., & Geraldes, M. J. (2011). Bioelectromagnetic wound dressings as tool for the prophylaxis of pressure ulcers”. Paper presented at the 1st Portuguese Meeting in Biomedical Engineering, ENBENG 2011. doi:10.1109/ENBENG.2011.6026059

- Geraldes, M. J., Hes, L., De Araújo, M., Belino, N., & Nunes, M. (2011). Optimization of dry and wet heat transfer through textile structures. Defect and Diffusion Forum, 312-315, 1068-1072. doi:10.4028/www.scientific.net/DDF.312-315.1068

- González-Coloma, A., Delgado, F., Rodilla, J. M., Silva, L., Sanz, J., & Burillo, J. (2011). Chemical and biological profiles of Lavandula luisieri essential oils from western Iberia Peninsula populations. Biochemical Systematics and Ecology, 39(1), 1-8. doi:10.1016/j.bse.2010.08.010

- Gouveia, I. C., Antunes, L. C., & Gomes, A. P. (2011). Low-pressure plasma treatment for hydrophilization of poly(ethylene terephthalate) fabrics. Journal of the Textile Institute, 102(3), 203-213. doi:10.1080/00405001003616777

- Manich, A. M., Carilla, J., Miguel, R. A. L., Baena, B., Lucas, J., Martí, M., & Cayuela, D. (2011). Differential scanning calorimetry and elasticity of textured, heat set and mechanical strained polylactide multifilaments. Fibres and Textiles in Eastern Europe, 89(6), 22-27.

- Manich, A. M., Miguel, R., Lucas, J., Franco, F., Baena, B., Carilla, J., Montero, L., & Cayuela, D. (2011). Texturing, stretching and relaxation behaviour of polylactide multifilament yarns. Textile Research Journal, 81(17), 1788-1795. doi:10.1177/0040517511411972

- Mata, R. C. S., De Mendonça, D. I. M. D., Vieira, L., Dos Santos, A. F., Da Silva, L. A., Gaspar, J. F., Martins, C., Rueff, J., & Sant’ana, A. E. G. (2011). Molluscicidal activity of compounds isolated from Euphorbia conspicua N. E. Br. Journal of the Brazilian Chemical

Society, 22(10), 1880-1887. doi:10.1590/S0103-50532011001000008

- Mendonca, A. J., Inês, M., Esteves, A. P., Mendonca, D. I., & Medeiros, M. J. (2011). Kolbe electrosynthesis of 1,2-di(bicyclo[2.2.1]heptan-2-yl)ethane and 1,2-diphenylethane. Synthetic Communications, 41(6), 820-825. doi:10.1080/00397911003668588

- Pacheco, M. J., Santos, V., Ciríaco, L., & Lopes, A. (2011). Electrochemical degradation of aromatic amines on BDD electrodes. Journal of Hazardous Materials, 186(2-3), 1033-1041. doi:10.1016/j.jhazmat.2010.11.108

- Pedrero, F., Albuquerque, A., Amado, L., Marecos do Monte, H., & Alarcón, J. (2011). Analysis of the reclamation treatment capability of a constructed wetland for reuse. Water Practice and Technology, 6(3). doi:10.2166/wpt.2011.050

- Pedrero, F., Albuquerque, A., Marecos Do Monte, H., Cavaleiro, V., & Alarcón, J. J. (2011). Application of GIS-based multi-criteria analysis for site selection of aquifer recharge with reclaimed water. Resources, Conservation and Recycling, 56(1), 105-116. doi:10.1016/j.resconrec.2011.08.003

- Pupo Blanco, Y. G., Kalombo Bicayi, D., Herrera Isla, L., Malheiros de Mendonca, D. I., & Vargas Batis, B. (2011). Effect of plant extracts on growth and spore germination of Alternaria solani (E. & M.) J. & G. under in vitro conditions. Revista Iberoamericana de Micologia, 28(1), 60. doi:10.1016/j.riam.2010.10.004

- Rivas, J., Prazeres, A. R., & Carvalho, F. (2011). Aerobic biodegradation of precoagulated cheese whey wastewater. Journal of Agricultural and Food Chemistry, 59(6), 2511-2517. doi:10.1021/jf104252w

- Rodilla, J. M., Silva, L. A., Martinez, N., Lorenzo, D., Davyt, D., Castillo, L., Giménez, C., Cabrera, R., González-Coloma, A., Zrostlíková, J., & Dellacassa, E. (2011). Advances in the identification and agrochemical importance of sesquiterpenoids from Bulnesia sarmientoi essential oil. Industrial Crops and Products, 33(2), 497-503. doi:10.1016/j.indcrop.2010.10.020

- Rodrigues, P. A. F., Geraldes, M. J., & Belino, N. J. (2011). Legionella: Bioactive nano-filters for air purification systems. Paper presented at the 1st Portuguese Meeting in Biomedical Engineering, ENBENG 2011. doi:10.1109/ENBENG.2011.6026057

- Silva, F., Ferreira, S., Duarte, A., Mendona, D. I., & Domingues, F. C. (2011). Antifungal activity of Coriandrum sativum essential oil, its mode of action against Candida species and potential synergism with amphotericin B. Phytomedicine, 19(1), 42-47. doi:10.1016/j.phymed.2011.06.033

- Silva, L., Gomes, A. C., & Rodilla, J. M. L. (2011). Diterpene lactones with labdane, halimane and clerodane frameworks. Natural Product Communications, 6(4), 497-504. doi:10.1177/1934578×1100600410

- Sobreira, S., Pacheco, M. J., Ciríaco, L., & Lopes, A. (2011). Effect of the hydrodynamic conditions on the electrochemical degradation of phenol on a BDD anode. Portugaliae Electrochimica Acta, 29(5), 343-348. doi:10.4152/pea.201105343

- Tavares, M. M., Belino, N. J. R., Patto, M. A. V., & Geraldes, M. J. O. (2011). Development of an electroactive textil system for the objective assessment of sleep movements and neurodegenerative diseases. Paper presented at the 1st Portuguese Meeting in Biomedical Engineering, ENBENG 2011. doi:10.1109/ENBENG.2011.6026072

- Vaz, A., Simões, R., & Silvy, J. (2011). Hydromechanical response of different pulp fibre suspensions. Appita Journal, 64(2), 175-184.

- de Oliveira Mendes, A., Torrão Fiadeiro, P., & Lopes Miguel, R. A. (2011). Virtual subjective pilling evaluation: An alternative. Textile Research Journal, 81(9), 892-901. doi:10.1177/0040517510397573

- Albuquerque, A., Oliveira, J., Semitela, S., & Amaral, L. (2010). Evaluation of the effectiveness of horizontal subsurface flow constructed wetlands for different media. Journal of Environmental Sciences, 22(6), 820-825. doi:10.1016/S1001-0742(09)60183-2

- Borges, C. M. P., Diakanawma, C., & De Mendonça, D. I. M. D. (2010). Iridoids from Hymenodictyon foribundum. Journal of the Brazilian Chemical Society, 21(6), 1121-1125. doi:10.1590/S0103-50532010000600023

- Conceição, E. L. T., Curto, J. M. R., Simões, R. M. S., & Portugal, A. A. T. G. (2010). Coding a simulation model of the 3D structure of paper Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) (Vol. 6026 LNCS, pp. 299-310).

- De Monte, H. M., & Albuquerque, A. (2010). Analysis of constructed wetland performance for irrigation reuse. Water Science and Technology, 61(7), 1699-1705. doi:10.2166/wst.2010.063

- Ferro, M., Sgherri, C., Romani, M., Carvalho, M. F., & Izzo, R. (2010). Tomato irrigated with boron enriched fresh water: Effects on leaves and berries. Agrochimica, 54(6), 370-380.

- Figueiredo, J. A., Ismael, M. I., Anjo, C. M. S., & Duarte, A. P. (2010). Cellulose and derivatives from wood and fibers as renewable sources of raw-materials Topics in Current Chemistry (Vol. 294, pp. 117-128).

- Gil, N., Ferreira, S., Amaral, M. E., Domingues, F. C., & Duarte, A. P. (2010). The influence of dilute acid pretreatment conditions on the enzymatic saccharification of Erica spp. for bioethanol production. Industrial Crops and Products, 32(1), 29-35. doi:10.1016/j.indcrop.2010.02.013

- Gomes, A. C., Nunes, J. C., & Simões, R. M. S. (2010). Determination of fast ozone oxidation rate for textile dyes by using a continuous quench-flow system. Journal of Hazardous Materials, 178(1-3), 57-65. doi:10.1016/j.jhazmat.2010.01.043

- Gouveia, I. C., Dias, L. P., Fiadeiro, J. M., & Queiroz, J. A. (2010). Enzymatic Treatments to Improve the Dyeability of Linen Fabrics: Optimization and Empirical Modeling using Experimental Design Techniques. Textile Research Journal, 80(15), 1602-1615. doi:10.1177/0040517510363186

- Manich, A. M., Carilla, J., Miguel, R. A. L., Lucas, J. M., Franco, F. G. F., Montero, L. A., &

Cayuela, D. (2010). Thermal transitions of polylactide false-twist textured multifilaments determined by DSC and TMA. Journal of Thermal Analysis and Calorimetry, 99(3), 723-731. doi:10.1007/s10973-009-0616-0

- Manich, A. M., Carilla, J., Miguel, R. A. L., Lucas, J., Franco, F., Montero, L., & Cayuela, D. (2010). Mechanical properties, relaxation behaviour and thermal characterization of false-twist textured polylactide multifilament. Vlakna a Textil, 17(2), 14-20.

- Mendes, A. D. O., Torrão Fiadeiro, P., & Lopes Miguel, R. A. (2010). Subjective and Objective Pilling Evaluations of Textile Fabrics: A Comparison. Textile Research Journal, 80(18), 1887-1897. doi:10.1177/0040517510373636

- Mendes, A. D. O., Torrão Fiadeiro, P., Teixeira Pereira, M. J., & Lopes Miguel, R. A. (2010). Dual-scanning System for Optical Estimation of Pilling Formation. Textile Research Journal, 80(12), 1201-1213. doi:10.1177/0040517509355347

- Nunes, S. C., Planelles-Aragó, J., Ferreira, R. A. S., Carlos, L. D., & De Zea Bermudez, V. (2010). EuIII-Doping of lamellar bilayer and amorphous mono-amide cross-linked alkyl/siloxane hybrids. European Journal of Inorganic Chemistry(18), 2688-2699. doi:10.1002/ejic.201000166

- Ribeiro, P., Albuquerque, A., Quinta-Nova, L., & Cavaleiro, V. (2010). Recycling pulp mill sludge to improve soil fertility using GIS tools. Resources, Conservation and Recycling, 54(12), 1303-1311. doi:10.1016/j.resconrec.2010.05.009

- Rivas, J., Prazeres, A. R., Carvalho, F., & Beltrán, F. (2010). Treatment of cheese whey wastewater: Combined Coagulation – Flocculation and aerobic biodegradation. Journal of Agricultural and Food Chemistry, 58(13), 7871-7877. doi:10.1021/jf100602j

- Santos, G., Bernardo, M. V., Proença, H., & Fiadeiro, P. T. (2010). Iris recognition: Preliminary assessment about the discriminating capacity of visible wavelength data. Paper presented at the Proceedings – 2010 IEEE International Symposium on Multimedia, ISM 2010. doi:10.1109/ISM.2010.56

- Santos, V., Diogo, J., Pacheco, M. J. A., Ciríaco, L., Morão, A., & Lopes, A. (2010). Electrochemical degradation of sulfonated amines on SI/BDD electrodes. Chemosphere, 79(6), 637-645. doi:10.1016/j.chemosphere.2010.02.031

- Sebastião, N. N., Cordeiro, I. J. S., dos Santos, A. F., Gaspar, J. F., Martins, C., Rueff, J., Diakanamwa, C., Sant'Ana, A. E. G., & de Mendonça, D. I. M. D. (2010). 8,15-Epoxylabdane and norlabdane diterpenoids from Eragrostis viscosa. Phytochemistry, 71(7), 798-803. doi:10.1016/j.phytochem.2010.02.003

- Sousa, S., De Sousa, A. P. M., Koskela, J. P., Vaz, A., & Ramos, A. (2010). Long-chain quaternary EPK2 surface sizing and print quality evaluation. Appita Journal, 63(4), 300-307.

- Trindade, I. G., Lucas, J., Miguel, R., Carvalho, M., Alpuim, P., & Garcia, N. M. (2010). Lightweight portable sensors for health care. Paper presented at the 12th IEEE International Conference on e-Health Networking, Application and Services, Healthcom 2010. doi:10.1109/HEALTH.2010.5556575

- de Almeida, V. M. N., Fiadeiro, P. T., & Nascimento, S. M. C. (2010). Effect of scene dimensionality on colour constancy with real three-dimensional scenes and objects. Perception, 39(6), 770-779. doi:10.1068/p6485

- Albuquerque, A., Arendacz, M., Gajewska, M., Obarska-Pempkowiak, H., Randerson, P., & Kowalik, P. (2009). Removal of organic matter and nitrogen in an horizontal subsurface flow (HSSF) constructed wetland under transient loads. Water Science and Technology, 60(7), 1677-1682. doi:10.2166/wst.2009.548

- Albuquerque, A., Oliveira, J., Semitela, S., & Amaral, L. (2009). Influence of bed media characteristics on ammonia and nitrate removal in shallow horizontal subsurface flow constructed wetlands. Bioresource Technology, 100(24), 6269-6277. doi:10.1016/j.biortech.2009.07.016

- Barbosa, P. C., Silva, M. M., Smith, M. J., Gonçalves, A., Fortunato, E., Nunes, S. C., & de Zea Bermudez, V. (2009). Di-ureasil xerogels containing lithium bis(trifluoromethanesulfonyl)imide for application in solid-state electrochromic devices. Electrochimica Acta, 54(3), 1002-1009. doi:10.1016/j.electacta.2008.08.023

- Belo, J. L., De Fátima Simões, M., & Ismael, M. I. (2009). Planning a computer application for creating multimedia lessons. Paper presented at the Actas da 4a Conferencia Iberica de Sistemas e Tecnologias de Informacao, CISTI 2009.

- Ciríaco, L., Anjo, C., Correia, J., Pacheco, M. J., & Lopes, A. (2009). Electrochemical degradation of Ibuprofen on Ti/Pt/PbO2 and Si/BDD electrodes. Electrochimica Acta, 54(5), 1464-1472. doi:10.1016/j.electacta.2008.09.022

- Curto, J. M. R., Conceição, E. L. T., Portugal, A. T. G., & Simões, R. M. S. (2009). The fibre coarseness and collapsibility influence on a three dimension paper model. Paper presented at the Appita Annual Conference.

- Domingo, V., Silva, L., Diéguez, H. R., Arteaga, J. F., Del Moral, J. F. Q., & Barrero, A. F. (2009). Enantioselective total synthesis of the potent anti-inflammatory (+)-myrrhanol A. Journal of Organic Chemistry, 74(16), 6151-6156. doi:10.1021/jo901011m

- Faini, F., Gonzalez, F. S., Labbe, C., Rodilla, J. M., Torres, R., Rocha, P. M., & Monache, F. D. (2009). Crystal structure of 9-trans-p-coumaroyloxy-?-terpineol, C 19H24O4. Zeitschrift fur Kristallographie – New Crystal Structures, 224(2), 277-279. doi:10.1524/ncrs.2009.0122

- Gaiolas, C., Belgacem, M. N., Silva, L., Thielemans, W., Costa, A. P., Nunes, M., & Santos Silva, M. J. (2009). Green chemicals and process to graft cellulose fibers. Journal of Colloid and Interface Science, 330(2), 298-302. doi:10.1016/j.jcis.2008.10.059

- Gil, N., Gil, C., Amaral, M. E., Costa, A. P., & Duarte, A. P. (2009). Use of enzymes to improve the refining of a bleached Eucalyptus globulus kraft pulp. Biochemical Engineering Journal, 46(2), 89-95. doi:10.1016/j.bej.2009.04.011

- Gonçalves, I. C., Lopes, L., Pinheiro, H. M., & Ferra, M. I. A. (2009). Behaviour of different anaerobic populations on the biodegradation of textile chemicals. Journal of Hazardous Materials, 172(2-3), 1236-1243. doi:10.1016/j.jhazmat.2009.07.141

- Gouveia, I. C., Antunes, L. C., & Queiroz, J. A. (2009). Improving surface energy and hydrophilization of poly(ethylene terephthalate) by enzymatic treatments. Paper presented at the BIODEVICES 2009 – Proceedings of the 2nd International Conference on Biomedical Electronics and Devices.

- Inês, M., Mendonça, A. J., Esteves, A. P., Mendonça, D. I., & Medeiros, M. J. (2009). Electroepoxidation of natural and synthetic alkenes mediated by sodium bromide. Comptes Rendus Chimie, 12(8), 841-849. doi:10.1016/j.crci.2008.10.014

- Modak, B., Salina, M., Rodilla, J., & Torres, R. (2009). Study of the chemical composition of the resinous exudate isolated from heliotropium sclerocarpum and evaluation of the antioxidant properties of the phenolic compounds and the resin. Molecules, 14(11), 4625-4633. doi:10.3390/molecules14114625

- Oudia, A., Mészáros, E., Jakab, E., Simões, R., Queiroz, J., Ragauskas, A., & Novák, L. (2009). Analytical pyrolysis study of biodelignification of cloned Eucalyptus globulus (EG) clone and Pinus pinaster Aiton kraft pulp and residual lignins. Journal of Analytical and Applied Pyrolysis, 85(1-2), 19-29. doi:10.1016/j.jaap.2008.09.015

- Pinheiro, J. M., Isabel Ismael, M., Figueiredo, J. A., & Silva, A. M. S. (2009). Synthesis of pseudo-C-nucleosides from ?-formyl-?,?- unsaturated ester bearing a ?-furanosidic moiety. Monatshefte fur Chemie, 140(10), 1237-1244. doi:10.1007/s00706-009-0171-1

- Ribeiro, L., Duarte, P., & Miguel, R. (2009). Guidelines to the development of an E-commerce platform for customized garments. Paper presented at the Proceedings of the IADIS International Conference e-Commerce 2009, Part of the IADIS Multi Conference on Computer Science and Information Systems, MCCSIS 2009.

- Rodrigues, S., Miguel, R., Lucas, J., Gaiolas, C., Araujo, P., & Reis, N. (2009). Wearable technology:Development of polypyrrole textile electrodes for electromyography. Paper presented at the BIODEVICES 2009 – Proceedings of the 2nd International Conference on Biomedical Electronics and Devices.

- de Oliveira Mendes, A., Torrão Fiadeiro, P., Lopes Miguel, R. A., & Lucas, J. M. (2009). Optical Estimation of a Set of Pilling Coefficients for Textile Fabrics. Textile Research Journal, 79(5), 410-417. doi:10.1177/0040517508095607

- Araújo, A., Sousa, E., & Albuquerque, A. (2008). Longitudinal dispersion in a horizontal subsurface flow constructed wetland: A numerical solution. ANZIAM Journal, 50(SUPPL.), C339-C353.

- Arendacz, M., Obarska-Pempkowiak, H., Albuquerque, A., Correia, M., & Borges, M. (2008). Evaluation of the simultaneous removal of organic matter, nitrogen and suspended solids in a SSHF constructed wetland in Capinha, Portugal. Rocznik Ochrona Srodowiska, 10, 73-91.

- Carvalho, M. C., Pereira, C., Gonçalves, I. C., Pinheiro, H. M., Santos, A. R., Lopes, A., & Ferra, M. I. (2008). Assessment of the biodegradability of a monosulfonated azo dye and aromatic amines. International Biodeterioration and Biodegradation, 62(2), 96-103. doi:10.1016/j.ibiod.2007.12.008

- Fu, L., Sá Ferreira, R. A., Fernandes, M., Nunes, S. C., de Zea Bermudez, V., Hungerford, G., Rocha, J., & Carlos, L. D. (2008). Photoluminescence and quantum yields of organic/inorganic hybrids prepared through formic acid solvolysis. Optical Materials, 30(7), 1058-1064. doi:10.1016/j.optmat.2007.05.011

- Gaiolas, C., Costa, A. P., Nunes, M., Silva, M. J. S., & Belgacem, M. N. (2008). Cold-plasma assisted grafting of paper. Paper presented at the AIP Conference Proceedings. doi:10.1063/1.2989046

- Gaiolas, C., Costa, A. P., Nunes, M., Silva, M. J. S., & Belgacem, M. N. (2008). Grafting of paper by silane coupling agents using cold-plasma discharges. Plasma Processes and Polymers, 5(5), 444-452. doi:10.1002/ppap.200700149

- Geraldes, M. J., Hes, L., De Araújo, M., Belino, N., & Nunes, M. (2008). The comparison of the thermal behaviour of leisure and sports clothing using conventional and new textile materials Materials Science Forum (Vol. 587-588, pp. 589-593).

- Gouveia, I. C., Fiadeiro, J. M., & Queiroz, J. A. (2008). Combined bio-carbonization and dyeing of wool: A possibility of using cell wall-degrading enzymes and 1:1 metal-complex dyes. Engineering in Life Sciences, 8(3), 250-259. doi:10.1002/elsc.200700055

- Gouveia, I. C., Fiadeiro, J. M., & Queiroz, J. A. (2008). Enzymatic removal of plant residues from wool: Application of experimental design techniques for optimization parameters. Biochemical Engineering Journal, 41(2), 157-165. doi:10.1016/j.bej.2008.04.008

- Gouveia, I. C., Fiadeiro, J. M., & Queiroz, J. A. (2008). Enzymatic wool treatment: Preliminary evaluation of Trichoderma reesei cellulases and aspergillus aculeatus pectinases and hemicellulases. AATCC Review, 8(10), 38-44.

- Lucas, J., Miguel, R., Fiadeiro, P., Silva, M. S., & De Lurdes Carvalho, M. (2008). Gloss evaluation of worn garments by optical means – A comparison of methods. Paper presented at the ITC and DC: Book of Proceedings of the 4th International Textile, Clothing and Design Conference – Magic World of Textiles.

- Miguel, R., Lucas, J., Manich, A., Silva, M. S., & Pereira, M. (2008). Influence of wool and blended fabrics formability on clothing making up. Paper presented at the ITC and DC: Book of Proceedings of the 4th International Textile, Clothing and Design Conference – Magic World of Textiles.

- Morão, A., Pessoa de Amorim, M. T., Lopes, A., Escobar, I., & Queiroz, J. A. (2008). Characterisation of ultrafiltration and nanofiltration membranes from rejections of neutral reference solutes using a model of asymmetric pores. Journal of Membrane Science, 319(1-2), 64-75. doi:10.1016/j.memsci.2008.03.019

- Nunes, S. C., de Zea Bermudez, V., Cybinska, J., Sá Ferreira, R. A., Carlos, L. D., Legendziewicz, J., Silva, M. M., Smith, M. J., & Ostrovskii, D. (2008). Structure and photoluminescence of di-amidosil nanohybrids incorporating europium triflate. Journal of Alloys and Compounds, 451(1-2), 510-515. doi:10.1016/j.jallcom.2007.04.134

- Nunes, S. C., de Zea Bermudez, V., Ostrovskii, D., & Martins, N. V. (2008). Vibrational

spectra and microstructure of poly(?-caprolactone)/siloxane biohybrids doped with lithium triflate. Journal of Molecular Structure, 879(1-3), 72-80. doi:10.1016/j.molstruc.2007.08.009

- Nunes, S. C., de Zea Bermudez, V., Ostrovskii, D., Barbosa, P. C., Silva, M. M., & Smith, M. J. (2008). Cationic and anionic environments in LiTFSI-doped di-ureasils with application in solid-state electrochromic devices. Chemical Physics, 345(1), 32-40. doi:10.1016/j.chemphys.2008.01.034

- Nunes, S. C., de Zea Bermudez, V., Ostrovskii, D., Carlos, L. D., Silva, M. M., & Smith, M. J. (2008). Cation coordination and hydrogen bonding in potassium and magnesium based-di-amidosil hybrids. Journal of Molecular Structure, 874(1-3), 128-137. doi:10.1016/j.molstruc.2007.03.045

- Oudia, A., Queiroz, J., & Simões, R. (2008). Potential and limitation of Trametes versicolor laccase on biodegradation of Eucalyptus globulus and Pinus pinaster kraft pulp. Enzyme and Microbial Technology, 43(2), 144-148. doi:10.1016/j.enzmictec.2007.11.016

- Oudia, A., Queiroz, J., & Simões, R. (2008). The influence of operating parameters on the biodelignification of eucalyptus globulus kraft pulps in a laccase-violuric acid system. Applied Biochemistry and Biotechnology, 149(1), 23-32. doi:10.1007/s12010-008-8138-y

- Rodilla, J. M., Tinoco, M. T., Morais, J. C., Gimenez, C., Cabrera, R., Martín-Benito, D., Castillo, L., & Gonzalez-Coloma, A. (2008). Laurus novocanariensis essential oil: Seasonal variation and valorization. Biochemical Systematics and Ecology, 36(3), 167-176. doi:10.1016/j.bse.2007.09.001

- Santos, A. J. A., Anjos, O. M. S., & Simões, R. M. S. (2008). Influence of kraft cooking conditions on the pulp quality of Eucalyptus globulus. Appita Journal, 61(2), 148-155.

- Santos, A., Amaral, M. E., Vaz, Á., Anjos, O., & Simões, R. (2008). Effect of Eucalyptus globulus wood density on papermaking potential. Tappi Journal, 7(5), 25-32.

- Abrantes, S., Amaral, E., Costa, A. P., Shatalov, A. A., & Duarte, A. P. (2007). Hydrogen peroxide bleaching of Arundo donax L. kraft-anthraquinone pulp-Effect of a chelating stage. Industrial Crops and Products, 25(3), 288-293. doi:10.1016/j.indcrop.2006.12.006

- Abrantes, S., Amaral, M. E., Costa, A. P., & Duarte, A. P. (2007). Cynara cardunculus L. alkaline pulps: Alternatives fibres for paper and paperboard production. Bioresource Technology, 98(15), 2873-2878. doi:10.1016/j.biortech.2006.09.052

- Abrantes, S., Amaral, M. E., Costas, A. P., Shatalov, A. A., & Duarte, A. P. (2007). Evaluation of giant reed as a raw-material for paper production. Appita Journal, 60(5), 410-415.

- Abrantes, S., Santos, A., Anjos, O., Amara, M. E., Costa, A. P., Simões, R., & Duarte, A. P. (2007). Alternative fiber sources to manufacture paper – A comparison with eucalyptus pulp. O Papel (Brazil), 68(7), 4-9.

- Alves, A., Santos, A., Da Silva Perez, D., Rodrigues, J., Pereira, H., Simões, R., & Schwanninger, M. (2007). NIR PLSR model selection for Kappa number prediction of maritime pine Kraft pulps. Wood Science and Technology, 41(6), 491-499.

doi:10.1007/s00226-007-0130-0

- Carlos, L. D., Amaral, V. S., Silva, N. J., Sá Ferreira, R. A., Rocha, J., De Zea Bermudez, V., Nunes, S. C., & Santilli, C. (2007). Nanoscopic photoluminescence memory as a fingerprint of complexity in self-assembled alkylene/sioxane hybrids. Paper presented at the Materials Research Society Symposium Proceedings.

- Carlos, L. D., De Zea Bermudez, V., Amaral, V. S., Nunes, S. C., Silva, N. J. O., Sá Ferreira, R. A., Rocha, J., Santilli, C. V., & Ostrovskii, D. (2007). Nanoscopic photoluminescence memory as a fingerprint of complexity in self-assembled alkyl/siloxane hybrids. Advanced Materials, 19(3), 341-348. doi:10.1002/adma.200601435

- Carvalho, C., Fernandes, A., Lopes, A., Pinheiro, H., & Gonçalves, I. (2007). Electrochemical degradation applied to the metabolites of Acid Orange 7 anaerobic biotreatment. Chemosphere, 67(7), 1316-1324. doi:10.1016/j.chemosphere.2006.10.062

- Faini, F., Labbé, C., Torres, R., Rodilla, J. M., Silva, L., & Monache, F. D. (2007). New phenolic esters from the resinous exudate of Haplopappus taeda. Fitoterapia, 78(7-8), 611-613. doi:10.1016/j.fitote.2007.06.006

- Fonseca, E. S. R., & De Jesus, M. E. P. (2007). Estimation of biomedical optical properties by simultaneous use of diffuse reflectometry and photothermal radiometry: Investigation of light propagation models. Paper presented at the Progress in Biomedical Optics and Imaging – Proceedings of SPIE.

- Geraldes, M. J., Lubos, H., Araújo, M., Belino, N. J. R., & Nunes, M. F. (2007). Engineering design of the thermal properties in smart and adaptive knitting structures. Autex Research Journal, 8(1), 30-34.

- Gomes, A. C., Gonçalves, I. C., De Pinho, M. N., & Porter, J. J. (2007). Integrated nanofiltration and upflow anaerobic sludge blanket treatment of textile wastewater for in-plant reuse. Water Environment Research, 79(5), 498-506. doi:10.2175/106143007X156844

- Miguel, R., Lucas, J., Carvalho, L., Silva, M. S., & Manich, A. (2007). Garment abrasion strength evaluation: A comparative methods study. International Journal of Clothing Science and Technology, 19(3-4), 194-203. doi:10.1108/09556220710741669

- Modak, B., Rojas, M., Torres, R., Rodilla, J., & Luebert, F. (2007). Antioxidant activity of a new aromatic geranyl derivative of the resinous exudates from Heliotropium glutinosum Phil. Molecules, 12(5), 1057-1063. doi:10.3390/12051057

- Nunes, S. C., De Zea Bermudez, V., Silva, M. M., Smith, M. J., Ostrovskii, D., Sá Ferreira, R. A., Carlos, L. D., Rocha, J., Gonalves, A., & Fortunato, E. (2007). Sol-gel-derived potassium-based di-ureasils for “smart windows”. Journal of Materials Chemistry, 17(40), 4239-4248. doi:10.1039/b708905h

- Nunes, S. C., de Zea Bermudez, V., Ostrovskii, D., Tavares, P. B., Barbosa, P. C., Silva, M. M., & Smith, M. J. (2007). Spectroscopic and structural studies of di-ureasils doped with lithium perchlorate. Electrochimica Acta, 53(4), 1466-1475. doi:10.1016/j.electacta.2007.04.061

- Oudia, A., Mészáros, E., Simões, R., Queiroz, J., & Jakab, E. (2007). Pyrolysis-GC/MS and TG/MS study of mediated laccase biodelignification of Eucalyptus globulus kraft pulp. Journal of Analytical and Applied Pyrolysis, 78(2), 233-242. doi:10.1016/j.jaap.2006.07.003

- Pacheco, M. J., Morão, A., Lopes, A., Ciríaco, L., & Gonçalves, I. (2007). Degradation of phenols using boron-doped diamond electrodes: A method for quantifying the extent of combustion. Electrochimica Acta, 53(2), 629-636. doi:10.1016/j.electacta.2007.07.024

- Ramos, A., Simões, R., & Tosio, J. S. (2007). Optical characterization of coating and coated papers. Cellulose Chemistry and Technology, 40(7), 537-544.

- Renker, M., & Albuquerque, A. (2007). Evaluation of the influence of loading conditions on the simultaneous removal of organic matter and nitrogen in SSHF constructed wetlands. Paper presented at the Restoring Our Natural Habitat – Proceedings of the 2007 World Environmental and Water Resources Congress. doi:10.1061/40927(243)624

- Sousa, S. C. L., Silva, J. P., Ramos, A. M. M., & Simões, R. M. S. (2007). Pulping and papermaking potential of brewery spent grain. Cellulose Chemistry and Technology, 41(2-3), 183-191.

- Sousa, S., Simões, R., & Duarte, A. P. (2007). Effect of chemical composition and of refining on the total and surface charge of cellulosic fibers. Cellulose Chemistry and Technology, 41(4-6), 301-309.

- dos Santos, A. F., de Azevedo, D. P. L., dos Santos Mata, R. d. C., de Mendonça, D. I. M. D., & Sant'Ana, A. E. G. (2007). The lethality of Euphorbia conspicua to adults of Biomphalaria glabrata, cercaria of Schistosoma mansoni and larvae of Artemia salina. Bioresource Technology, 98(1), 135-139. doi:10.1016/j.biortech.2005.11.020

- Ciríaco, M. L. F., Da Silva Pereira, M. I., Nunes, M. R., Mendonça, M. H., & Costa, F. M. (2006). Studies on the KTa1-xFexO3-? system. Materials Chemistry and Physics, 96(2-3), 211-216. doi:10.1016/j.matchemphys.2005.07.005

- Delgado, F., Gonçalves, O., Amaro-Silva, C., Silva, L., Caldeira, R., Castanheira, I., Oliveira, R., Alberto, D., Jacinto, P., Sousa, E., & Caixinhas, L. (2006). Seed germination and essential oil of Lavandula luisieri from Central Eastern Portugal Acta Horticulturae (Vol. 723, pp. 283-287).

- Duarte, A. P., Martins, S., Abrantes, C., Ismael, M. I., Simões, R., & Figueiredo, J. A. (2006). Improvement of bleached kraft pulp properties by cellulose oxidation. O Papel (Brazil), 67(10), 76-82.

- Ferreira, F. M. P. B., Fiadeiro, P. T., Nascimento, S. M. C., De Almeida, V. M. N., Pereira, M. J. T., & Bernardo, J. M. D. P. (2006). Spectral characterization of a hyperspectral system for imaging of large art paintings. Paper presented at the CGIV 2006 – 3rd European Conference on Colour in Graphics, Imaging, and Vision, Final Program and Proceedings.

- Fonseca, E. S. R., & De Jesus, M. E. P. (2006). Combined photothermal-photometric method for the determination of tissue optical properties. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.644120

- Gaiolas, C., Costa, A. P., Santos Silva, M., & Belgacem, M. N. (2006). Influence of cationic starch addition on printing grade paper formation. Cellulose Chemistry and Technology, 40(9-10), 783-790.

- Gaiolas, C., Silva, M. S., Costa, A. P., & Belgacem, M. N. (2006). Influence of the combined use of cationic starch and cationic polyacrylamide on the quality of printing paper. Tappi Journal, 5(6), 3-8.

- Lopes, A., & Farelo, F. (2006). Growth kinetics of potassium chloride – I: Pure aqueous solutions. Journal of Crystal Growth, 290(1), 213-219. doi:10.1016/j.jcrysgro.2006.01.016

- Lopes, A., & Farelo, F. (2006). Growth kinetics of potassium chloride II – Water-ethanol systems. Journal of Crystal Growth, 290(1), 220-224. doi:10.1016/j.jcrysgro.2006.01.017

- Lopes, A., Sousa, P., & Farelo, F. (2006). Activity coefficients of potassium hydrogen tartrate in aqueous solutions with potassium chloride at temperatures between 278.15 and 298.15 K. Polish Journal of Chemistry, 80(1), 153-159.

- Mendes, A. O., Fiadeiro, P. T., & Miguel, R. A. L. (2006). Three-dimensional surface reconstruction for evaluation of the abrasion effects on textile fabrics. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.640438

- Morão, A., de Amorim, M. T. P., Lopes, A., & Gonçalves, I. C. (2006). Characterisation of ultra- and nanofiltration membranes for predictive purposes – development of a model for hindered transport of uncharged solutes in asymmetric pores. Desalination, 200(1-3), 152-154. doi:10.1016/j.desal.2006.03.278

- Nunes, M. F., Geraldes, M. J., Belino, N. J. R., & Gouveia, I. C. (2006). Structural alterations in polyester fibres induced by low pressure plasma. Paper presented at the Proceedings – International Fiber Conference 2006: Extreme and Aesthetic Textiles, IFC 2006.

- Nunes, S. C., De Zea Bermudez, V., Ostrovskii, D., & Carlos, L. D. (2006). FT-IR and Raman spectroscopic study of di-urea cross-linked poly(oxyethylene)/siloxane ormolytes doped with Zn2+ ions. Vibrational Spectroscopy, 40(2), 278-288. doi:10.1016/j.vibspec.2005.11.003

- Nunes, S. C., De Zea Bermudez, V., Silva, M. M., Smith, M. J., Morales, E., Carlos, L. D., Sá Ferreira, R. A., & Rocha, J. (2006). Sol-gel derived Li+-doped poly(?-caprolactone)/siloxane biohybrid electrolytes. Journal of Solid State Electrochemistry, 10(4), 203-210. doi:10.1007/s10008-005-0651-0

- Nunes, S. C., de Zea Bermudez, V., Silva, M. M., Smith, M. J., Morales, E., Sá Ferreira, R. A., Carlos, L. D., & Rocha, J. (2006). Study of sol-gel derived di-ureasils doped with zinc triflate. Solid State Sciences, 8(12), 1484-1491. doi:10.1016/j.solidstatesciences.2006.07.013

- Rivas, F. J., Beltrán, F. J., Gimeno, O., Frades, J., & Carvalho, F. (2006). Adsorption of landfill leachates onto activated carbon. Equilibrium and kinetics. Journal of Hazardous Materials, 131(1-3), 170-178. doi:10.1016/j.jhazmat.2005.09.022

- Santos, A. J. A., Anjos, O. M. S., & Simões, R. M. S. (2006). Papermaking potential of Acacia

dealbata and Acacia melanoxylon. Appita Journal, 59(1), 58-64.

- Santos, R., Fernandes, L. M., Boto, R. F., Simões, R., & Almeida, P. (2006). NMR spectroscopy study of 2-methylbenzoxazolium salts hydroxylation in DMSO-d6 solution. Tetrahedron Letters, 47(38), 6723-6725. doi:10.1016/j.tetlet.2006.07.091

- Silva, M. M., Nunes, S. C., Barbosa, P. C., Evans, A., de Zea Bermudez, V., Smith, M. J., & Ostrovskii, D. (2006). Sol-gel preparation of a di-ureasil electrolyte doped with lithium perchlorate. Electrochimica Acta, 52(4), 1542-1548. doi:10.1016/j.electacta.2006.02.060

- Brás, R., Gomes, A., Ferra, M. I. A., Pinheiro, H. M., & Gonçalves, I. C. (2005). Monoazo and diazo dye decolourisation studies in a methanogenic UASB reactor. Journal of Biotechnology, 115(1), 57-66. doi:10.1016/j.jbiotec.2004.08.001

- Díez, D., Sanchez, J. M., Rodilla, J. M., Rocha, P. M., Mendes, R. S., Paulino, C., Marcos, I. S., Basabe, P., & Urones, J. G. (2005). Microbial hydroxylation of sclareol by Rhizopus stolonifer. Molecules, 10(8), 1005-1009. doi:10.3390/10081005

- Ferreira, A., Faria, N., Rocha, F., Feyo de Azevedo, S., & Lopes, A. (2005). Using image analysis to look into the effect of impurity concentration in NaCl crystallization. Chemical Engineering Research and Design, 83(4 A), 331-338. doi:10.1205/cherd.04145

- Gaiolas, C., Mendes, P., Silva, M. S., Costa, A. P., & Belgacem, M. N. (2005). The role of cationic starch in carbonate-filled papers. Appita Journal, 58(4), 282-287.

- Gomes, A. C., Gonçalves, I. C., & De Pinho, M. N. (2005). The role of adsorption on nanofiltration of azo dyes. Journal of Membrane Science, 255(1-2), 157-165. doi:10.1016/j.memsci.2005.01.031

- Gonçalves, I. C., Penha, S., Matos, M., Santos, A. R., Franco, F., & Pinheiro, H. M. (2005). Evaluation of an integrated anaerobic/aerobic SBR system for the treatment of wool dyeing effluents: Purification of wool dyeing effluent in a SBR. Biodegradation, 16(1), 81-89. doi:10.1007/s10531-004-0431-7

- Lopes Miguel, R. A., Lucas, J. M., de Lurdes Carvalho, M., & Manich, A. M. (2005). Fabric design considering the optimisation of seam slippage. International Journal of Clothing Science and Technology, 17(3-4), 225-231. doi:10.1108/09556220510590920

- Miguel, R. A. L., Lucas, J. M., & Manich, A. M. (2005). Improving the Quality of Life and Comfort in Wool and Blended Fabrics for the Elderly Medical Textiles and Biomaterials for Healthcare: Incorporating Proceedings of MEDTEX03 International Conference and Exhibition on Healthcare and Medical Textiles (pp. 99-106). doi:10.1533/9781845694104.2.99

- Morão, A., Escobar, I. C., De Amorim, M. T. P., Lopes, A., & Gonçalves, I. C. (2005). Postsynthesis modification of a cellulose acetate ultrafiltration membrane for applications in water and wastewater treatment. Environmental Progress, 24(4), 367-382. doi:10.1002/ep.10107

- Nascimento, S. M. C., De Almeida, V. M. N., Fiadeiro, P. T., & Foster, D. H. (2005). Effect of scene complexity on colour constancy with real three-dimensional scenes and objects.

Perception, 34(8), 947-950. doi:10.1068/p5182

- Nunes, S. C., De Zea Bermudez, V., Cybinska, J., Ferreira, R. A. S., Legendziewicz, J., Carlos, L. D., Silva, M. M., Smith, M. J., Ostrovskii, D., & Rocha, J. (2005). Structure and photoluminescent features of di-amide cross-linked alkylene-siloxane hybrids. Journal of Materials Chemistry, 15(35-36), 3876-3886. doi:10.1039/b505372m

- Nunes, S. C., De Zea Bermudez, V., Ostrovskii, D., & Carlos, L. D. (2005). Di-ureasil ormolytes doped with Mg2+ ions: Part 2. Cationic and anionic environments. Solid State Ionics, 176(17-18), 1601-1611. doi:10.1016/j.ssi.2005.04.006

- Nunes, S. C., De Zea Bermudez, V., Ostrovskii, D., Silva, M. M., Barros, S., Smith, M. J., Carlos, L. D., Rocha, J., & Morales, E. (2005). Diurea cross-linked poly(oxyethylene)/siloxane ormolytes for lithium batteries. Journal of the Electrochemical Society, 152(2), A429-A438. doi:10.1149/1.1851051

- Nunes, S. C., De Zea Bermudez, V., Silva, M. M., Barros, S., Smith, M. J., Morales, E., Carlos, L. D., & Rocha, J. (2005). Di-ureasil ormolytes doped with Mg2+ ions: Part 1: Morphological, thermal and electrochemical properties. Solid State Ionics, 176(17-18), 1591-1599. doi:10.1016/j.ssi.2005.04.013

- Nunes, S. C., De Zea Bermudez, V., Sá Ferreira, R. A., Carlos, L. D., Morales, E., & Marques, P. V. S. (2005). Er3+-doped polyether/siloxane hybrid materials for optoelectronics. Paper presented at the Materials Research Society Symposium Proceedings.

- Rauter, A. P., Padilha, M., Figueiredo, J. A., Ismael, M. I., Justino, J., Ferreira, H., Ferreira, M. J., Rajendran, C., Wilkins, R., Vaz, P. D., & Calhorda, M. J. (2005). Bioactive pseudo-C-nucleosides containing thiazole, thiazolidinone, and tetrazole rings. Journal of Carbohydrate Chemistry, 24(3), 275-296. doi:10.1081/CAR-200060396

- Rivas, F. J., Beltrán, F. J., Carvalho, F., & Alvarez, P. M. (2005). Oxone-promoted wet air oxidation of landfill leachates. Industrial and Engineering Chemistry Research, 44(4), 749-758. doi:10.1021/ie0401511

- Rivas, F. J., Beltrán, F., Carvalho, F., Gimeno, O., & Frades, J. (2005). Study of different integrated physical-chemical + adsorption processes for landfill leachate remediation. Industrial and Engineering Chemistry Research, 44(8), 2871-2878. doi:10.1021/ie049066j

- Silva, N. J. O., Amaral, V. S., Carlos, L. D., Fu, L. S., Nunes, S. C., & De Zea Bermudez, V. (2005). Magnetic behavior of iron (III) oxyhydroxy nanoparticles in organic-inorganic hybrid matrices. Journal of Magnetism and Magnetic Materials, 290-291 PART 2, 962-965. doi:10.1016/j.jmmm.2004.11.301

- Silva, N. J. O., Amaral, V. S., De Zea Bermudez, V., Nunes, S. C., Ostrovskii, D., Rocha, J., & Carlos, L. D. (2005). Matrix assisted formation of ferrihydrite nanoparticles in a siloxane/poly(oxyethylene) nanohybrid. Journal of Materials Chemistry, 15(4), 484-490. doi:10.1039/b410653a

- Torres, R., Faini, F., Rodilla, J. M. L., Silva, L. A., & Sanz, F. (2005). Crystal structure of taedol, C10H16O2,from Haplopappus Taeda. Zeitschrift fur Kristallographie – New Crystal

Structures, 220(1-4), 567-568. doi:10.1524/ncrs.2005.220.14.567

- Bioucas Dias, J. M., Leitão, J. M. N., & Fonseca, E. S. R. (2004). Reconstruction of Backscatter and Extinction Coefficients in Lidar: A Stochastic Filtering Approach. IEEE Transactions on Geoscience and Remote Sensing, 42(2), 443-456. doi:10.1109/TGRS.2003.817216

- Carvalho, M. L. A. G., Miguel, R. A. L., Lucas, J. M., & Fiadeiro, P. T. (2004). Study of pilling formation in wool and blended fabrics using the optical profile analysis Materials Science Forum (Vol. 455-456, pp. 771-774).

- De Almeida, V. M. N., Fiadeiro, P. T., & Nascimento, S. M. C. (2004). Color constancy by asymmetric color matching with real objects in three-dimensional scenes. Visual Neuroscience, 21(3), 341-345. doi:10.1017/S0952523804213074

- Farelo, F., Lopes, A. M. C., & Ferra, M. I. (2004). Solubilities of sodium chloride and potassium chloride in water + ethanol mixtures from (298 to 323) K. Journal of Chemical and Engineering Data, 49(6), 1782-1788. doi:10.1021/je049782s

- Fernandes, A., Morao, A., Magrinho, M., Lopes, A., & Gonçalves, I. (2004). Electrochemical degradation of C. I. Acid Orange 7. Dyes and Pigments, 61(3), 287-296. doi:10.1016/j.dyepig.2003.11.008

- Gaiolas, C., Costa, A. P., Silva, M. S., & Belgacem, M. N. (2004). Adsorption of cationic starch on typical furnishes used in the Portuguese paper industry. Appita Journal, 57(2), 112-115.

- Gaiolas, C., Duarte, A. P., Belgacem, M. N., & Simoes, R. (2004). Determination of sugars content in Pinus pinaster and its corresponding polysaccharide complex and kraft pulps. Cellulose Chemistry and Technology, 38(1-2), 11-19.

- Lucas, J. M., Miguel, R. A. L., & Manich, A. M. (2004). Optimising comfort during wool and blended fabrics design Materials Science Forum (Vol. 455-456, pp. 767-770).

- Morão, A., Lopes, A., Pessoa de Amorim, M. T., & Gonçalves, I. C. (2004). Degradation of mixtures of phenols using boron doped diamond electrodes for wastewater treatment. Electrochimica Acta, 49(9-10), 1587-1595. doi:10.1016/j.electacta.2003.11.020

- Nascimento, S. M. C., De Almeida, V. M. N., Fiadeiro, P. T., & Foster, D. H. (2004). Minimum-variance cone-excitation ratios and the limits of relational color constancy. Visual Neuroscience, 21(3), 337-340. doi:10.1017/S095252380421327X

- Nunes, S. C., Bermudez, V. D. Z., Ostrovskii, D., & Carlos, L. D. (2004). Ionic environment and hydrogen bonding in di-ureasil ormolytes doped with lithium triflate. Journal of Molecular Structure, 702(1-3), 39-48. doi:10.1016/j.molstruc.2004.06.007

- Pinheiro, J. M., Ismael, M. I., Figueiredo, J. A., & Silva, A. M. S. (2004). Synthesis of new isoxazoles derivatives attached to sugar moieties. Journal of Heterocyclic Chemistry, 41(6), 877-882. doi:10.1002/jhet.5570410605

- Rauter, A. P., Canda, T., Justino, J., Ismael, M. I., & Figueiredo, J. A. (2004). Synthesis of phenylseleno sugars from epoxides and of ?,?- unsaturated carbonyl derivatives for the study of their insecticidal activity. Journal of Carbohydrate Chemistry, 23(4), 239-251. doi:10.1081/CAR-200030077

- Rauter, A., Figueiredo, J., Ismael, M., & Justino, J. (2004). Synthesis of new pseudo-C-nucleosides containing pyrazole rings in their structure. Journal of Carbohydrate Chemistry, 23(8-9), 513-528. doi:10.1081/CAR-200044574

- Rivas, F. J., Beltrán, F., Carvalho, F., Acedo, B., & Gimeno, O. (2004). Stabilized leachates: Sequential coagulation-flocculation + chemical oxidation process. Journal of Hazardous Materials, 116(1-2), 95-102. doi:10.1016/j.jhazmat.2004.07.022

- Rodilla, J. M. L., Díez, D., Urones, J. G., & Rocha, P. M. (2004). From labdanes to drimanes. Degradation of the side chain of dihydrozamoranic acid. Molecules, 9(5), 300-321. doi:10.3390/90500300

- Rodilla, J. M. L., Silva, M. L. A., Díez, D., Urones, J. G., & Sanz, F. (2004). Ent-Hydrohalimic acid transformations: Synthesis of a diterpenic bislactone. Tetrahedron Asymmetry, 15(11), 1793-1799. doi:10.1016/j.tetasy.2004.04.001

- Silva, J. P., Sousa, S., Gonçalves, I., Porter, J. J., & Ferreira-Dias, S. (2004). Modelling adsorption of acid orange 7 dye in aqueous solutions to spent brewery grains. Separation and Purification Technology, 40(2), 163-170. doi:10.1016/j.seppur.2004.02.006

- Silva, J. P., Sousa, S., Rodrigues, J., Antunes, H., Porter, J. J., Gonçalves, I., & Ferreira-Dias, S. (2004). Adsorption of acid orange 7 dye in aqueous solutions by spent brewery grains. Separation and Purification Technology, 40(3), 309-315. doi:10.1016/j.seppur.2004.03.010

- Toledo, F. J. R., Beltrán, F., Gimeno, O., Acedo, B., & Carvalho, F. (2004). Erratum: Stabilized leachates – Ozone-activated carbon treatment and kinetics (Water Research (2003) 37 (4823-4834) DOI: 10.1016/j.watres.2003.08.007. Water Research, 38(6), 1651. doi:10.1016/j.watres.2004.01.001

- Antunes, A., Amaral, E., Belgacem, M. N., & Silvy, J. (2003). Pulp and paper properties from Cynara Cardunculus L. Cellulose Chemistry and Technology, 37(3-4), 239-248.

- Marcos, I. S., Basabe, P., Laderas, M., Díez, D., Jorge, A., Rodilla, J. M., Moro, R. F., Lithgow, A. M., Barata, I. G., & Urones, J. G. (2003). Side-chain migration reactions and ring B aromatization in labdanes: Scope and limitations. Synthesis of isofregenedane type tetrahydronaphthalenic diterpenes. Tetrahedron, 59(13), 2333-2343. doi:10.1016/S0040-4020(03)00247-3

- Menues, P., Belgacem, M. N., Costa, C. A. V., & Costa, A. P. (2003). Influence of impulse drying on the curing of polyamide-epichlorohydrin wet strength resin. Cellulose Chemistry and Technology, 37(5-6), 439-451.

- Rivas, F. J., Beltrán, F., Gimeno, O., & Carvalho, F. (2003). Fenton-like oxidation of landfill leachate. Journal of Environmental Science and Health – Part A Toxic/Hazardous Substances and Environmental Engineering, 38(2), 371-379. doi:10.1081/ESE-120016901

- Rivas, F. J., Beltrán, F., Gimeno, O., Acedo, B., & Carvalho, F. (2003). Stabilized leachates: Ozone-activated carbon treatment and kinetics. Water Research, 37(20), 4823-4834. doi:10.1016/j.watres.2003.08.007

- Spiridon, I., Duarte, A. P., & Curto, J. (2003). Influence of xylanase treatment on Pinus pinaster kraft pulp. Cellulose Chemistry and Technology, 37(5-6), 497-504.

- Barroca, M. J. M. C., Simões, R. M. S., & Castro, J. A. A. M. (2002). Effect of carry-over on the kinetics of chlorine dioxide delignification of an unbleached hardwood kraft pulp. Appita Journal, 55(1), 60-64.

- Farelo, F., Lopes, A., & Ferra, M. I. A. (2002). Activity coefficients of potassium chloride and sodium chloride in the quaternary system KCl-NaCl-water-ethanol. Journal of Solution Chemistry, 31(10), 845-860. doi:10.1023/A:1021329001791

- Fiadeiro, P. T., Pereira, M. J. T., Jesus, M. E. P., & Silvy, J. J. (2002). The surface measurement of fibre orientation anisotropy and misalignment angle by laser diffraction. Journal of Pulp and Paper Science, 28(10), 341-346.

- Mendes, P., Belgacem, M. N., Aguilar, H., Ranita, J., Costa, A. P., Silvy, J., & Costa, C. A. V. (2002). Impulse drying effect on some properties of paper made from hardwood and softwood Portuguese pulps. Paperi ja Puu/Paper and Timber, 84(4), 263-268.

- Rodilla, J. M. L., Ismael, M. I., Silva, L. A., Cesário Serrano, J. P., Urones, J. G., & Sanz, F. (2002). Covilanone: A new rearranged labdane type diterpene. Tetrahedron Letters, 43(26), 4605-4608. doi:10.1016/S0040-4039(02)00873-0

- Barroca, M. J. M. C., Simões, R. M. S., & Castro, J. A. A. M. (2001). Effect of unbleached pulp Kappa number on the kinetics of chlorine dioxide delignification. Appita Journal, 54(6), 532-535.

- Barroca, M. J. M. C., Simões, R. M. S., Almiro, J., & Castro, A. M. (2001). Kinetics of chlorine dioxide delignification of a hardwood kraft pulp. Appita Journal, 54(2 SUPPL.), 190-195.

- Brás, R., Isabel A. Ferra, M., Pinheiro, H. M., & Gonçalves, I. C. (2001). Batch tests for assessing decolourisation of azo dyes by methanogenic and mixed cultures. Journal of Biotechnology, 89(2-3), 155-162. doi:10.1016/S0168-1656(01)00312-1

- Ciriaco, M. L. F., Isabel da Silva Pereira, M., Nunes, M. R., Mendonça, M. H., & Costa, F. M. (2001). Preparation and characterization of KTa0.9Fe0.1O3-? perovskite electrodes. Journal of Solid State Electrochemistry, 5(7-8), 495-501. doi:10.1007/s100080100227

- De Castellar, M. D., Manich, A. M., & Miguel, R. A. L. (2001). Electrical properties of Textile Fabrics. Textile Science ’93, 178-185.

- De Mendonça, A. J. G., Vaz, M. I. P. M., & De Mendonça, D. I. M. D. (2001). Activity coefficients in the evaluation of food preservatives. Innovative Food Science and Emerging Technologies, 2(3), 175-179. doi:10.1016/S1466-8564(01)00037-6

- Gonçalves, I. C., Ferra, M. I. A., & Amorim, M. T. (2001). Anaerobic decolorization of an azo

dye by a mixed culture. Toxicological and Environmental Chemistry, 79(1-2), 81-93. doi:10.1080/02772240109358978

- Lopes, A., Farelo, F., & Ferra, M. I. A. (2001). Activity coefficients of sodium chloride in water-ethanol mixtures: A comparative study of Pitzer and Pitzer-Simonson models. Journal of Solution Chemistry, 30(9), 757-770. doi:10.1023/A:1012293630996

- Manich, A. M., de Castellar, M. D., Saurí, R. M., Miguel, R. A. L., & Barella, A. (2001). Abrasion kinetics of wool and blended fabrics. Textile Research Journal, 71(6), 469-474. doi:10.1177/004051750107100601

- Pereira, M. J., Fiadeiro, P. T., & Silvy, J. (2001). Paper surface diffraction to characterise the fibre orientation distribution. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.449373

- Porter, J. J., & Gomes, A. C. (2001). Rejection of anionic dyes and salt using polypropylene microfilters. AATCC Magazine, 1(4), 50-54.

- Rauter, A. P., Figueiredo, J., Ismael, M., Canda, T., Font, J., & Figueredo, M. (2001). Efficient synthesis of ?,?-unsaturated ?-lactones linked to sugars. Tetrahedron Asymmetry, 12(8), 1131-1146. doi:10.1016/S0957-4166(01)00197-5

- Rodilla, J. M. L., De Mendonça, D. I., Ismael, M. I. G., Figueiredo, J. A., Silva, M. L. A., & Lopes, E. (2001). BI- and tricyclic diterpenoids from Halimium viscosum. Natural Product Letters, 15(6), 401-409. doi:10.1080/10575630108041310

- Simões, R., & Castro, J. (2001). Ozone depolymerization of polysaccharides in different materials. Journal of Pulp and Paper Science, 27(3), 82-87.

- Sousa, P., & Lopes, A. M. C. (2001). Solubilities of potassium hydrogen tartrate and potassium chloride in water + ethanol mixtures. Journal of Chemical and Engineering Data, 46(6), 1362-1364. doi:10.1021/je010105x

- Antunes, A., Amaral, E., & Belgacem, M. N. (2000). Cynara cardunculus L.: Chemical composition and soda-anthraquinone cooking. Industrial Crops and Products, 12(2), 85-91. doi:10.1016/S0926-6690(00)00040-6

- Gonçalves*, I. M. C., Gomes, A., Brás, R., Ferra, M. I. A., Amorim, M. T. P., & Porter, R. S. (2000). Biological treatment of effluent containing textile dyes. Journal of the Society of Dyers and Colourists, 116(12), 393-397. doi:10.1111/j.1478-4408.2000.tb00016.x

- Porter, J. J., & Gomes, A. C. (2000). The rejection of anionic dyes and salt from water solutions using a polypropylene microfilter. Desalination, 128(1), 81-90. doi:10.1016/S0011-9164(00)00025-4

- Vital, J., Ramos, A. M., Silva, I. F., Valente, H., & Castanheiro, J. E. (2000). Hydration of ?-pinene over zeolites and activated carbons dispersed in polymeric membranes. Catalysis Today, 56(1-3), 167-172. doi:10.1016/S0920-5861(99)00273-4

- Carabineiro, S. A., Fernandes, F. B., Vital, J. S., Ramos, A. M., & Silva, I. F. (1999).

Uncatalyzed and catalyzed NO and N2O reaction using various catalysts and binary barium mixtures supported on activated carbon. Catalysis Today, 54(4), 559-567. doi:10.1016/S0920-5861(99)00218-7

- Lopes, A., Farelo, F., & Ferra, M. I. A. (1999). Activity coefficients of potassium chloride in water-ethanol mixtures. Journal of Solution Chemistry, 28(2), 117-131. doi:10.1023/A:1021746012370

- Roldán, L. G., & Pereira, M. J. (1999). X-Ray Diffraction Determination of the Effective Temperature Applied to Fibers During Processing1. Textile Research Journal, 69(5), 339-344. doi:10.1177/004051759906900506

- Simões, R. M. S., & Castro, J. A. A. M. (1999). Ozone delignification of pine and eucalyptus kraft pulps. 2. Selectivity. Industrial and Engineering Chemistry Research, 38(12), 4608-4614. doi:10.1021/ie980807o

- Simões, R. M. S., & Castro, J. A. A. M. E. (1999). Ozone delignification of pine and eucalyptus kraft pulps. 1. Kinetics. Industrial and Engineering Chemistry Research, 38(12), 4600-4607. doi:10.1021/ie980806w

- Barella, A., Manich, A. M., De Castellar, D., Sauri, R. M., Miguel, R., & Domingues, P. (1998). Resistance to abrasion and loss of mass of woollen and blended fabrics, using the Martindale wear and abrasion tester. Revista de la Industria Textil(360), 50-58.

- Rauter, A. P., Fernandes, A. C., & Figueiredo, J. A. (1998). A novel deoxygenation of hydroxy groups activated by a vicinal carbonyl group via reaction with Ph3P/I2/imidazole. Journal of Carbohydrate Chemistry, 17(7), 1037-1045. doi:10.1080/07328309808001882

- Rodilla, J. M. L., De Mendonça, D. I. M., Urones, J. G., & Moro, R. F. (1998). Hydroxylated diterpenoids from Halimium viscosum. Phytochemistry, 49(3), 817-822. doi:10.1016/S0031-9422(98)00168-X

- Rodilla, J. M. L., De Mendonça, D. I. M., Urones, J. G., Moro, R. F., & Williams, D. J. (1998). Tricyclic diterpenes from Halimium viscosum. Phytochemistry, 47(8), 1545-1549. doi:10.1016/S0031-9422(97)00794-2

- De Mendonça, D. I. M. D., Rodilla, J. M. L., Lithgow, A. M., & Marcos, I. S. (1997). Hydrohalimic acids from Halimium viscosum. Phytochemistry, 44(7), 1301-1307. doi:10.1016/S0031-9422(96)00682-6

- Fiadeiro, P. T., & Smirnov, A. J. (1997). Satellite remote sensing adaptive optic system phase characteristic measurement. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering. doi:10.1117/12.263173

- Santos, G. G., Alves, J. C. N., Rodilla, J. M. L., Duarte, A. P., Lithgow, A. M., & Urones, J. G. (1997). Terpenoids and other constituents of Eucalyptus globulus. Phytochemistry, 44(7), 1309-1312. doi:10.1016/S0031-9422(96)00680-2

- Barella, A., Miguel, R., Manich, A. M., & Dolors de Castellar, M. (1996). Influence of the structural characteristics of wool and wool blend fabrics on their properties of usage and

comfort. Revista de la Industria Textil, 340, 55-70.

- Urones, J. G., Jorge, A., Marcos, I. S., Basabe, P., Díez, D., Garrido, N. M., Lithgow, A. M., Olimpia, M., Da Fonseca, C. F., & Rodilla, J. M. L. (1996). I2 rearrangement reaction: Synthesis of isofregenedane type diterpenoids. Tetrahedron Letters, 37(10), 1659-1662. doi:10.1016/0040-4039(96)00085-8

- Carnell, M. T., Fiadeiro, P. T., & Emmony, D. C. (1995). Cavitation phenomena generated by a lithotripter shock wave. Journal of the Acoustical Society of America, 97(1), 677-679. doi:10.1121/1.412290

- Fiadeiro, P. T., & Emmony, D. C. (1995). Discrete reconstruction of real phase objects: A comparison with computer-simulated phase objects. Applied Optics, 34(32), 7460-7467. doi:10.1364/AO.34.007460

- Fiadeiro, P. T., & Emmony, D. C. (1995). Phase retrieval in computer generation of schlieren images. Paper presented at the Proceedings of SPIE – The International Society for Optical Engineering.

- Rauter, A. P., Ferreira, M. J., Font, J., Virgili, A., Figueredo, M., Figueiredo, J. A., Ismael, M. I., & Canda, T. L. (1995). Synthetic, fungicidal unsaturated-y-lactones attached to furanosidic systems. configurational determination by nuclear overhauser effect. Journal of Carbohydrate Chemistry, 14(7), 929-948. doi:10.1080/07328309508005386

- Rauter, A. P., Ramôa-Ribeiro, F., Fernandes, A. C., & Figueiredo, J. (1995). A new method of acetonation with the zeolite HY as catalyst. Synthesis of O-Isopropylidene sugar derivatives. Tetrahedron, 51(23), 6529-6540. doi:10.1016/0040-4020(95)00291-F

- Urones, J. G., Marcos, I. S., Martin, D. D., Rodilla, J. M. L., de Mendoça, D. I. M. D., & Williams, D. J. (1994). ?-Truxillic acid from Halimium verticillatum. Phytochemistry, 36(2), 529-530. doi:10.1016/S0031-9422(00)97108-5

- Tomé, B., Gomes, A., Henriques, A., Maio, A., Peralta, L., Pereira, M., Rocha, J., & Sonderegger, P. (1993). Fibre irradiation under air, dry air, argon and nitrogen at low dose rates. Radiation Physics and Chemistry, 41(1-2), 185-193. doi:10.1016/0969-806X(93)90055-Y

- Urones, J. G., Marcos, I. S., Alonso, C. A., Moro, R. F., & Rodilla, J. M. L. (1993). Diterpenes with a valparane skeleton from Halimium verticillatum. Phytochemistry, 34(2), 569-571. doi:10.1016/0031-9422(93)80048-W

- Urones, J. G., Marcos, I. S., Moro, R. F., Rodilla, J. M. L., & Geraldes Mendonça, A. (1993). †8 Labdanes from Halimium verticillatum. Phytochemistry, 32(2), 401-405. doi:10.1016/S0031-9422(00)95003-9

- Urones, J. G., Marcos, I. S., Basabe, P., Alonso, C. A., Diez, D., Garrido, N. M., Oliva, I. M., Rodilla, J. S., Slawin, A. M. Z., & Williams, D. J. (1990). Valparene: A tricyclic diterpene hydrocarbon with a new carbon skeleton. Tetrahedron Letters, 31(31), 4501-4504. doi:10.1016/S0040-4039(00)97660-3

- Rauter, A. P., Figueiredo, J. A., & Ismael, I. M. (1989). Synthesis of pseudo-C-nucleosides. Carbohydrate Research, 188(C), 19-24. doi:10.1016/0008-6215(89)84054-6

- Urones, J. G., Marcos, I. S., Martin, D. D., Alonso Alonso, M. C., Brito Palma, F. M. S., & Rodilla, J. M. L. (1989). Minor labdane diterpenoids from Halimium verticillatum. Phytochemistry, 28(2), 557-560. doi:10.1016/0031-9422(89)80050-0

- Rauter, A. P., Figueiredo, J. A., Ismael, I., Pais, M. S., Gonzalez, A. G., Diaz, J., & Barrera, J. B. (1987). Synthesis of ?-methylene-?-lactones in furanosidic systems. Journal of Carbohydrate Chemistry, 6(2), 259-272. doi:10.1080/07328308708058875

- Urones, J. G., Marcos, I. S., Martin, D. D., Palma, F. M. S. B., & Rodilla, J. M. (1987). Labdane diterpenoids from Halimium viscosum and H. verticilatum. Phytochemistry, 26(11), 3037-3040. doi:10.1016/S0031-9422(00)84588-4