# Miriam C S Amaral

List of Publications by Year
in descending order



| 128 | 3,077 | 182225 | 252626 |
|---|---|---|---|
| papers | citations | 30 h-index | 46 g-index |

| 130 | 130 | 130 | 2853 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TiO2-Graphene oxide nanocomposite membranes: A review. Separation and Purification Technology, 2022, 280, 119836. | 3.9 | 24 |
| 2 | Enhancing industries exploitation: Integrated and hybrid membrane separation processes applied to industrial effluents beyond the treatment for disposal. Chemical Engineering Journal, 2022, 430, 133006. | 6.6 | 11 |
| 3 | Process development for textile wastewater treatment towards zero liquid discharge: Integrating membrane separation process and advanced oxidation techniques. Chemical Engineering Research and Design, 2022, 157, 537-546. | 2.7 | 19 |
| 4 | Biodegradability, environmental risk assessment and ecological footprint in wastewater technologies for pharmaceutically active compounds removal. Bioresource Technology, 2022, 343, 126150. | 4.8 | 17 |
| 5 | Direct contact membrane distillation as an approach for water treatment with phenolic compounds. Journal of Environmental Management, 2022, 303, 114117. | 3.8 | 10 |
| 6 | Membrane distillation and dispersive solvent extraction in a closed-loop process for water, sulfuric acid and copper recycling from gold mining wastewater. Chemical Engineering Journal, 2022, 435, 133874. | 6.6 | 18 |
| 7 | One-step recycling of mineral acid from concentrated gold mining wastewater by high-temperature liquidâ€“liquid extraction. Separation and Purification Technology, 2022, 286, 120447. | 3.9 | 5 |
| 8 | Fouling in the membrane distillation treating superficial water with phenolic compounds. Chemical Engineering Journal, 2022, 437, 135325. | 6.6 | 6 |
| 9 | Assessment of a hybrid UV-LED-membrane distillation process: Focus on fouling mitigation. Separation and Purification Technology, 2022, 292, 121003. | 3.9 | 4 |
| 10 | Sugarcane vinasse as organo-mineral fertilizers feedstock: Opportunities and environmental risks. Science of the Total Environment, 2022, 832, 154998. | 3.9 | 25 |
| 11 | Improving biological removal of pharmaceutical active compounds and estrogenic activity in a mesophilic anaerobic osmotic membrane bioreactor treating municipal sewage. Chemosphere, 2022, 301, 134716. | 4.2 | 6 |
| 12 | Low-cost recycled end-of-life reverse osmosis membranes for water treatment at the point-of-use. Journal of Cleaner Production, 2022, 362, 132495. | 4.6 | 15 |
| 13 | Converting recycled membranes into photocatalytic membranes using greener TiO2-GRAPHENE oxide nanomaterials. Chemosphere, 2022, 306, 135591. | 4.2 | 7 |
| 14 | Effect of electrolyte solution recycling on the potassium recovery from vinasse by integrated electrodialysis and K-struvite precipitation processes. Chemical Engineering Journal, 2022, 450, 137975. | 6.6 | 11 |
| 15 | Effect of organic and inorganic draw solution on recalcitrant compounds build up in a hybrid ultrafiltration-osmotic membrane reactor treating refinery effluent. Chemical Engineering Journal, 2021, 403, 126374. | 6.6 | 9 |
| 16 | Osmotic membrane bioreactor (OMBR) in refinery wastewater treatment: The impact of a draw solute with lower diffusivity in the process performance. Chemical Engineering Journal, 2021, 406, 127074. | 6.6 | 9 |
| 17 | Forward osmosis as an opportunity for acid mining effluent reuse - An assessment of concentration polarization effects on forward osmosis performance and economic aspects. Separation Science and Technology, 2021, 56, 2426-2438. | 1.3 | 4 |
| 18 | Phenolic compounds seasonal occurrence and risk assessment in surface and treated waters in Minas Geraisâ€”Brazil. Environmental Pollution, 2021, 268, 115782. | 3.7 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A sustainable solution for fresh-water demand in mining sectors: Process water reclamation from POX effluent by membrane distillation. Separation and Purification Technology, 2021, 256, 117797. | 3.9 | 21 |
| 20 | Arsenic contamination, effects and remediation techniques: A special look onto membrane separation processes. Chemical Engineering Research and Design, 2021, 148, 604-623. | 2.7 | 48 |
| 21 | Water conservation in mining industry by integrating pressure-oriented membrane processes for nitrogen-contaminated wastewater treatment: Bench and pilot-scale studies. Journal of Environmental Chemical Engineering, 2021, 9, 104779. | 3.3 | 10 |
| 22 | Integration of ozonation and an anaerobic expanded granular sludge bed reactor for micropollutant removal from sewage. Environmental Science and Pollution Research, 2021, 28, 23778-23790. | 2.7 | 1 |
| 23 | A novel submerged anaerobic osmotic membrane bioreactor coupled to membrane distillation for water reclamation from municipal wastewater. Chemical Engineering Journal, 2021, 414, 128645. | 6.6 | 17 |
| 24 | Acid and metal reclamation from mining effluents: Current practices and future perspectives towards sustainability. Journal of Environmental Chemical Engineering, 2021, 9, 105169. | 3.3 | 19 |
| 25 | A survey on experiences in leachate treatment: Common practices, differences worldwide and future perspectives. Journal of Environmental Management, 2021, 288, 112475. | 3.8 | 46 |
| 26 | Screening cost effectiveness and salinity build up control in osmotic membrane bioreactors for refinery wastewater treatment: A draw solute with lower diffusivity and ultrafiltration implementation. Chemical Engineering Research and Design, 2021, 151, 195-207. | 2.7 | 5 |
| 27 | Recycled reverse osmosis membrane combined with pre-oxidation for improved arsenic removal from high turbidity waters and retrofit of conventional drinking water treatment process. Journal of Cleaner Production, 2021, 312, 127859. | 4.6 | 28 |
| 28 | Membrane distillation process for phenolic compounds removal from surface water. Journal of Environmental Chemical Engineering, 2021, 9, 105588. | 3.3 | 16 |
| 29 | Combining yeast MBR, Fenton and nanofiltration for landfill leachate reclamation. Waste Management, 2021, 132, 105-114. | 3.7 | 13 |
| 30 | Resource recovery from sugarcane vinasse by anaerobic digestion â€“ A review. Journal of Environmental Management, 2021, 295, 113137. | 3.8 | 39 |
| 31 | Technical and economic evaluation of the integration of membrane bioreactor and air-stripping/absorption processes in the treatment of landfill leachate. Waste Management, 2021, 134, 110-119. | 3.7 | 15 |
| 32 | Integrated photo-Fenton and membrane-based techniques for textile effluent reclamation. Separation and Purification Technology, 2021, 272, 118932. | 3.9 | 16 |
| 33 | Biofouling in membrane distillation applications - a review. Desalination, 2021, 516, 115241. | 4.0 | 30 |
| 34 | Reverse osmosis elements waste assessment: Screening and forecasting of emerging waste in Brazil. Desalination, 2021, 517, 115245. | 4.0 | 7 |
| 35 | Improving control of membrane fouling on membrane bioreactors: A data-driven approach. Chemical Engineering Journal, 2021, 426, 131291. | 6.6 | 12 |
| 36 | Aquatic concentration and risk assessment of pharmaceutically active compounds in the environment. Environmental Pollution, 2021, 290, 118049. | 3.7 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Mining from wastewater: Perspectives and current practices of non-dispersive solvent extraction for metallic compounds valorization. Chemical Engineering Journal, 2021, 425, 130711. | 6.6 | 8 |
| 38 | Metallic ions recovery from membrane separation processes concentrate: A special look onto ion exchange resins. Chemical Engineering Journal, 2021, 425, 131812. | 6.6 | 19 |
| 39 | Phenolic compounds in surface water: methodology and occurrence in Doce River, Brazil. Environmental Monitoring and Assessment, 2021, 193, 687. | 1.3 | 15 |
| 40 | Chemical cleaning procedures on permeability recovery and lifespan of MBR membranes treating petroleum refinery wastewater: From bench- to pilot-scale applications. Journal of Water Process Engineering, 2021, 44, 102411. | 2.6 | 8 |
| 41 | Influence of humic substances on the landfill leachate biodegradability with a focus on temporal seasonality. Water Science and Technology, 2021, 84, 3780-3790. | 1.2 | 1 |
| 42 | Bench and pilot scale performance assessment of recycled membrane converted from old nanofiltration membranes. Environmental Technology (United Kingdom), 2020, 41, 1232-1244. | 1.2 | 7 |
| 43 | Improving knowledge about permeability in membrane bioreactors through sensitivity analysis using artificial neural networks. Environmental Technology (United Kingdom), 2020, 41, 2424-2438. | 1.2 | 5 |
| 44 | Purifying surface water contaminated with industrial failure using direct contact membrane distillation. Separation and Purification Technology, 2020, 233, 116052. | 3.9 | 27 |
| 45 | Light emitting diode waste: Potential of metals concentration and acid reuse via the integration of leaching and membrane processes. Journal of Cleaner Production, 2020, 246, 119057. | 4.6 | 11 |
| 46 | Coupling photocatalytic degradation using a green TiO2 catalyst to membrane bioreactor for petroleum refinery wastewater reclamation. Journal of Water Process Engineering, 2020, 34, 101093. | 2.6 | 30 |
| 47 | Assessing potential of nanofiltration, reverse osmosis and membrane distillation drinking water treatment for pharmaceutically active compounds (PhACs) removal. Journal of Water Process Engineering, 2020, 33, 101029. | 2.6 | 65 |
| 48 | Removal of micropollutants in domestic wastewater by expanded granular sludge bed membrane bioreactor. Chemical Engineering Research and Design, 2020, 136, 223-233. | 2.7 | 34 |
| 49 | Occurrence and risk assessment of pharmaceutically active compounds in water supply systems in Brazil. Science of the Total Environment, 2020, 746, 141011. | 3.9 | 53 |
| 50 | Enhancing biodegradability and reducing toxicity of a refinery wastewater through UV/H2O2 pretreatment. Journal of Environmental Chemical Engineering, 2020, 8, 104442. | 3.3 | 4 |
| 51 | Role of nanofiltration or reverse osmosis integrated to ultrafiltration-anaerobic membrane bioreactor treating vinasse for the conservation of water and nutrients in the ethanol industry. Journal of Water Process Engineering, 2020, 36, 101338. | 2.6 | 17 |
| 52 | Draw solution solute selection for a hybrid forward osmosis-membrane distillation module: Effects on trace organic compound rejection, water flux and polarization. Chemical Engineering Journal, 2020, 400, 125857. | 6.6 | 44 |
| 53 | Potassium recovery from vinasse by integrated electrodialysis â€“ precipitation process: Effect of the electrolyte solutions. Journal of Environmental Chemical Engineering, 2020, 8, 104238. | 3.3 | 12 |
| 54 | Membrane selection for the Gold mining pressure-oxidation process (POX) effluent reclamation using integrated UF-NF-RO processes. Journal of Environmental Chemical Engineering, 2020, 8, 104056. | 3.3 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Potential use of green TiO2 and recycled membrane in a photocatalytic membrane reactor for oil refinery wastewater polishing. Journal of Cleaner Production, 2020, 257, 120526. | 4.6 | 27 |
| 56 | Influence of COD/SO42â˜ ratio on vinasse treatment performance by two-stage anaerobic membrane bioreactor. Journal of Environmental Management, 2020, 259, 110034. | 3.8 | 42 |
| 57 | Comparison of UV, UV/H2O2 and ozonation processes for the treatment of membrane distillation concentrate from surface water treatment: PhACs removal and environmental and human health risk assessment. Chemical Engineering Journal, 2020, 397, 125482. | 6.6 | 24 |
| 58 | Vinasse treatment using hybrid tannin-based Coagulation-Microfiltration-Nanofiltration processes: Potential energy recovery, technical and economic feasibility assessment. Separation and Purification Technology, 2020, 248, 117152. | 3.9 | 23 |
| 59 | Evaluation of fouling mechanisms in nanofiltration as a polishing step of yeast MBR-treated landfill leachate. Environmental Technology (United Kingdom), 2019, 40, 3611-3621. | 1.2 | 12 |
| 60 | Investigation of electrodialysis configurations for vinasse desalting and potassium recovery. Separation and Purification Technology, 2019, 229, 115797. | 3.9 | 24 |
| 61 | Bi-dimensional modelling of the thermal boundary layer and mass flux prediction for direct contact membrane distillation. International Journal of Heat and Mass Transfer, 2019, 141, 1205-1215. | 2.5 | 4 |
| 62 | Occurrence, fate and removal of pharmaceutically active compounds (PhACs) in water and wastewater treatment plantsâ€"A review. Journal of Water Process Engineering, 2019, 32, 100927. | 2.6 | 212 |
| 63 | Comparison of hybrid ultrafiltration-osmotic membrane bioreactor and conventional membrane bioreactor for oil refinery effluent treatment. Chemical Engineering Journal, 2019, 378, 121952. | 6.6 | 31 |
| 64 | Strategies of anaerobic sludge granulation in an EGSB reactor. Journal of Environmental Management, 2019, 244, 69-76. | 3.8 | 25 |
| 65 | Assessing potential of nanofiltration for sulfuric acid plant effluent reclamation: Operational and economic aspects. Separation and Purification Technology, 2019, 222, 369-380. | 3.9 | 18 |
| 66 | Occurrence, removal and seasonal variation of pharmaceuticals in Brasilian drinking water treatment plants. Environmental Pollution, 2019, 250, 773-781. | 3.7 | 109 |
| 67 | Long-term evaluation of membrane bioreactor inoculated with commercial baker's yeast treating landfill leachate: pollutant removal, microorganism dynamic and membrane fouling. Water Science and Technology, 2019, 79, 398-410. | 1.2 | 14 |
| 68 | Effect of humic acid concentration on pharmaceutically active compounds (PhACs) rejection by direct contact membrane distillation (DCMD). Separation and Purification Technology, 2019, 212, 920-928. | 3.9 | 30 |
| 69 | Integration of membrane separation and Fenton processes for sanitary landfill leachate treatment. Environmental Technology (United Kingdom), 2019, 40, 2897-2905. | 1.2 | 22 |
| 70 | Integration of two-stage nanofiltration with arsenic and calcium intermediate chemical precipitation for gold mining effluent treatment. Environmental Technology (United Kingdom), 2019, 40, 1644-1656. | 1.2 | 10 |
| 71 | InfluÃªncia da idade do lodo na colmataÃ§Ã£o das membranas em um biorreator Ã membrana tratando esgoto sanitÃ¡rio. Engenharia Sanitaria E Ambiental, 2019, 24, 157-168. | 0.1 | 2 |
| 72 | Integrated UFâ€"NFâ€"RO route for gold mining effluent treatment: From bench-scale to pilot-scale. Desalination, 2018, 440, 111-121. | 4.0 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Removal of organic matter of electrodialysis reversal brine from a petroleum refinery wastewater reclamation plant by UV and UV/H<sub>2</sub>0<sub>2</sub> process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 430-435. | 0.9 | 5 |
| 74 | Hybrid MF and membrane bioreactor process applied towards water and indigo reuse from denim textile wastewater. Environmental Technology (United Kingdom), 2018, 39, 725-738. | 1.2 | 10 |
| 75 | Effect of MBR-H2O2/UV Hybrid pre-treatment on nanofiltration performance for the treatment of petroleum refinery wastewater. Separation and Purification Technology, 2018, 192, 176-184. | 3.9 | 42 |
| 76 | Acid mine drainage treatment by nanofiltration: A study of membrane fouling, chemical cleaning, and membrane ageing. Separation and Purification Technology, 2018, 192, 185-195. | 3.9 | 74 |
| 77 | Preparation of alumina tubular membranes for treating sugarcane vinasse obtained in ethanol production. Separation and Purification Technology, 2018, 190, 195-201. | 3.9 | 12 |
| 78 | Comparison of commercial bakerâ€™s yeast versus bacteria-based membrane bioreactors for landfill leachate treatment. Environmental Technology (United Kingdom), 2018, 39, 2365-2372. | 1.2 | 7 |
| 79 | A critical review on membrane separation processes applied to remove pharmaceutically active compounds from water and wastewater. Journal of Water Process Engineering, 2018, 26, 156-175. | 2.6 | 157 |
| 80 | Comparison of Nanofiltration and Direct Contact Membrane Distillation as an alternative for gold mining effluent reclamation. Chemical Engineering and Processing: Process Intensification, 2018, 133, 24-33. | 1.8 | 32 |
| 81 | Environmental and economic evaluation of end-of-life reverse osmosis membranes recycling by means of chemical conversion. Journal of Cleaner Production, 2018, 194, 85-93. | 4.6 | 49 |
| 82 | Extending the life-cycle of reverse osmosis membranes: A review. Waste Management and Research, 2017, 35, 456-470. | 2.2 | 46 |
| 83 | Characterization of residual organic compounds of aerobic degradation of landfill leachate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 665-672. | 0.9 | 7 |
| 84 | Carwash wastewater treatment by micro and ultrafiltration membranes: Effects of geometry, pore size, pressure difference and feed flow rate in transport properties. Journal of Water Process Engineering, 2017, 17, 143-148. | 2.6 | 35 |
| 85 | Coupling of nanofiltration with microfiltration and membrane bioreactor for textile effluent reclamation. Separation Science and Technology, 2017, 52, 2150-2160. | 1.3 | 7 |
| 86 | Recycling of end-of-life reverse osmosis membranes by oxidative treatment: a technical evaluation. Water Science and Technology, 2017, 76, 605-622. | 1.2 | 33 |
| 87 | Integrated ultrafiltration-nanofiltration membrane processes applied to the treatment of gold mining effluent: Influence of feed pH and temperature. Separation Science and Technology, 2017, 52, 756-766. | 1.3 | 9 |
| 88 | Organic compounds removal and toxicity reduction of landfill leachate by commercial bakersâ€™ yeast and conventional bacteria based membrane bioreactor integrated with nanofiltration. Waste Management, 2017, 70, 170-180. | 3.7 | 34 |
| 89 | Sugarcane vinasse treatment by two-stage anaerobic membrane bioreactor: Effect of hydraulic retention time on changes in efficiency, biogas production and membrane fouling. Bioresource Technology, 2017, 245, 342-350. | 4.8 | 41 |
| 90 | Performance evaluation of startup for a yeast membrane bioreactor (MBRy) treating landfill leachate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 1352-1360. | 0.9 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Potential use of membrane bioreactor to treat petroleum refinery effluent: comprehension of dynamic of organic matter removal, fouling characteristics and membrane lifetime. Bioprocess and Biosystems Engineering, 2017, 40, 1839-1850. | 1.7 | 16 |
| 92 | Integration of microfiltration and nanofiltration to promote textile effluent reuse. Clean Technologies and Environmental Policy, 2017, 19, 2057-2073. | 2.1 | 15 |
| 93 | Assessment of the chemical stability of nanofiltration and reverse osmosis membranes employed in treatment of acid gold mining effluent. Separation and Purification Technology, 2017, 174, 301-311. | 3.9 | 35 |
| 94 | Effect of solids retention time on nitrogen and phosphorus removal from municipal wastewater in a sequencing batch membrane bioreactor. Environmental Technology (United Kingdom), 2017, 38, 806-815. | 1.2 | 11 |
| 95 | NANOFILTRATION AND REVERSE OSMOSIS APPLIED TO GOLD MINING EFFLUENT TREATMENT AND REUSE. Brazilian Journal of Chemical Engineering, 2017, 34, 93-107. | 0.7 | 31 |
| 96 | Gold acid mine drainage treatment by membrane separation processes: An evaluation of the main operational conditions. Separation and Purification Technology, 2016, 170, 360-369. | 3.9 | 83 |
| 97 | Assessment of nanofiltration and reverse osmosis potentialities to recover metals, sulfuric acid, and recycled water from acid gold mining effluent. Water Science and Technology, 2016, 74, 367-374. | 1.2 | 10 |
| 98 | Ammonia recovery from landfill leachate using hydrophobic membrane contactors. Water Science and Technology, 2016, 74, 2177-2184. | 1.2 | 24 |
| 99 | Microfiltration of vinasse: sustainable strategy to improve its nutritive potential. Water Science and Technology, 2016, 73, 1434-1441. | 1.2 | 13 |
| 100 | Pilot aerobic membrane bioreactor and nanofiltration for municipal landfill leachate treatment. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 1-10. | 0.9 | 10 |
| 101 | Long-term evaluation of different strategies of cationic polyelectrolyte dosage to control fouling in a membrane bioreactor treating refinery effluent. Environmental Technology (United Kingdom), 2016, 37, 1026-1035. | 1.2 | 13 |
| 102 | Fouling evaluation in a MBR for dairy effluent treatment. Desalination and Water Treatment, 2016, 57, 11919-11930. | 1.0 | 4 |
| 103 | Evaluation of titration methods for volatile fatty acids measurement: effect of the bicarbonate interference and feasibility for the monitoring of anaerobic reactors. Water Practice and Technology, 2015, 10, 486-495. | 1.0 | 23 |
| 104 | REUSE OF DAIRY WASTEWATER TREATED BY MEMBRANE BIOREACTOR AND NANOFILTRATION: TECHNICAL AND ECONOMIC FEASIBILITY. Brazilian Journal of Chemical Engineering, 2015, 32, 735-747. | 0.7 | 31 |
| 105 | Nanofiltration as post-treatment of MBR treating landfill leachate. Desalination and Water Treatment, 2015, 53, 1482-1491. | 1.0 | 22 |
| 106 | Ageing effect on chlorinated polyethylene membrane of an MBR caused by chemical cleaning procedures. Desalination and Water Treatment, 2015, 53, 1460-1470. | 1.0 | 7 |
| 107 | Long-term use of the critical flux for fouling control in membrane bioreactors treating different industrial effluents: bench and pilot scale. Desalination and Water Treatment, 2015, 55, 859-869. | 1.0 | 3 |
| 108 | Treatment of landfill leachate by hybrid precipitation/microfiltration/nanofiltration process. Water Science and Technology, 2015, 72, 269-276. | 1.2 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Comparison of Aerobic and Anaerobic Biodegradation of Sugarcane Vinasse. Applied Biochemistry and Biotechnology, 2015, 176, 1402-1412. | 1.4 | 19 |
| 110 | Integration of nanofiltration and reverse osmosis for metal separation and sulfuric acid recovery from gold mining effluent. Separation and Purification Technology, 2015, 154, 11-21. | 3.9 | 109 |
| 111 | Biological nutrient removal in a sequencing batch membrane bioreactor treating municipal wastewater. Desalination and Water Treatment, 2015, 55, 1654-1661. | 1.0 | 8 |
| 112 | Treatment of refinery effluents by pilot membrane bioreactors: pollutants removal and fouling mechanism investigation. Desalination and Water Treatment, 2015, 56, 583-597. | 1.0 | 6 |
| 113 | The application of filterability as a parameter to evaluate the biological sludge quality in an MBR treating refinery effluent. Desalination and Water Treatment, 2015, 53, 1440-1449. | 1.0 | 10 |
| 114 | DistribuiÃ§Ã£o de massa molar em um biorreator com membrana para tratamento de efluente de laticÃnios. Engenharia Sanitaria E Ambiental, 2014, 19, 325-334. | 0.1 | 2 |
| 115 | Evaluation of the Use of Powdered Activated Carbon in Membrane Bioreactor for the Treatment of Bleach Pulp Mill Effluent. Water Environment Research, 2014, 86, 788-799. | 1.3 | 9 |
| 116 | Evaluation of operational parameters from a microfiltration system for indigo blue dye recovery from textile dye effluent. Desalination and Water Treatment, 2014, 52, 257-266. | 1.0 | 12 |
| 117 | Internal versus external submerged membrane bioreactor configurations for dairy wastewater treatment. Desalination and Water Treatment, 2014, 52, 2920-2932. | 1.0 | 20 |
| 118 | Two-stage anaerobic membrane bioreactor for the treatment of sugarcane vinasse: Assessment on biological activity and filtration performance. Bioresource Technology, 2013, 146, 494-503. | 4.8 | 73 |
| 119 | Evaluation of landfill leachate treatment by advanced oxidative process by Fentonâ€™s reagent combined with membrane separation system. Waste Management, 2013, 33, 89-101. | 3.7 | 76 |
| 120 | Treatment of dairy wastewater with a membrane bioreactor. Brazilian Journal of Chemical Engineering, 2013, 30, 759-770. | 0.7 | 35 |
| 121 | AvaliaÃ§Ã£o do emprego de microfiltraÃ§Ã£o para remoÃ§Ã£o de fibras do efluente de branqueamento de polpa celulÃ³sica. Engenharia Sanitaria E Ambiental, 2013, 18, 65-74. | 0.1 | 2 |
| 122 | AvaliaÃ§Ã£o da biotratabilidade do efluentede branqueamento de polpa celulÃ³sicapor processos aerÃ³bios e anaerÃ³bios. Engenharia Sanitaria E Ambiental, 2013, 18, 253-262. | 0.1 | 3 |
| 123 | Treatment of Bleach Pulp Mill Effluent by MF-MBR. Water Environment Research, 2012, 84, 547-553. | 1.3 | 5 |
| 124 | Advanced Oxidation Process Associated with Membrane Separation for the Treatment of Sanitary Landfill Leachate. Procedia Engineering, 2012, 44, 1951-1955. | 1.2 | 0 |
| 125 | Treatment of Landfill Leachate in Membranes Bioreactor with Yeast (Saccharomyces Cerevisiae). Procedia Engineering, 2012, 44, 934-938. | 1.2 | 15 |
| 126 | Nanofiltration as a Post-Treatmento to Membrane Bioreactor Effluent for Dairy Wastewater Reuse. Procedia Engineering, 2012, 44, 1956-1960. | 1.2 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | AvaliaÃ§Ã£o da microfiltraÃ§Ã£o para remoÃ§Ã£o do lodo gerado no processo oxidativo avanÃ§ado empregando o reagente de Fenton no tratamento de lixiviado de aterro sanitÃ¡rio. Engenharia Sanitaria E Ambiental, 2011, 16, 379-386. | 0.1 | 7 |
| 128 | Characterization of Landfill Leachates by Molecular Size Distribution, Biodegradability, and Inert Chemical Oxygen Demand. Water Environment Research, 2009, 81, 499-505. | 1.3 | 13 |