# Roberto M Narbaitz

List of Publications by Year
in descending order

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|---|---|---|---|
| 36 papers | 1,151 citations | 471509 17 h-index | 395702 33 g-index |
| 36 all docs | 36 docs citations | 36 times ranked | 1012 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Development of novel charged surface modifying macromolecule blended PES membranes to remove EDCs and PPCPs from drinking water sources. Journal of Materials Chemistry A, 2014, 2, 10059-10072. | 10.3 | 129 |
| 2 | Comparison of cellulose acetate (CA) membrane and novel CA membranes containing surface modifying macromolecules to remove pharmaceutical and personal care product micropollutants from drinking water. Journal of Membrane Science, 2012, 409-410, 346-354. | 8.2 | 126 |
| 3 | Electrochemical regeneration of granular activated carbon. Water Research, 1994, 28, 1771-1778. | 11.3 | 108 |
| 4 | A study of mass transfer in the membrane air-stripping process using microporous polyproplylene hollow fibers. Journal of Membrane Science, 2000, 179, 29-41. | 8.2 | 106 |
| 5 | Electrochemical regeneration of granular activated carbons loaded with phenol and natural organic matter. Environmental Technology (United Kingdom), 2009, 30, 27-36. | 2.2 | 67 |
| 6 | Application of surface modifying macromolecules in polyethersulfone membranes: Influence on PES surface chemistry and physical properties. Journal of Applied Polymer Science, 1999, 73, 1363-1378. | 2.6 | 56 |
| 7 | Electrochemical regeneration of field spent GAC from two water treatment plants. Water Research, 2012, 46, 4852-4860. | 11.3 | 56 |
| 8 | Pharmaceutical and personal care products removal from drinking water by modified cellulose acetate membrane: Field testing. Chemical Engineering Journal, 2013, 225, 848-856. | 12.7 | 54 |
| 9 | Effect of surface-modifying macromolecules and solvent evaporation time on the performance of polyethersulfone membranes for the separation of chloroform/water mixtures by pervaporation. Journal of Applied Polymer Science, 1994, 54, 1937-1943. | 2.6 | 51 |
| 10 | More fouling resistant modified PVDF ultrafiltration membranes for water treatment. Desalination, 2012, 287, 247-254. | 8.2 | 49 |
| 11 | Mass transport in the membrane air-stripping process using microporous polypropylene hollow fibers: effect of toluene in aqueous feed. Journal of Membrane Science, 2002, 209, 207-219. | 8.2 | 40 |
| 12 | Impact of pH on the adsorption and desorption kinetics of 2-nitrophenol on activated carbons. Water Research, 1997, 31, 3039-3044. | 11.3 | 32 |
| 13 | Electrochemical reactivation of granular activated carbon: Impact of reactor configuration. Chemical Engineering Journal, 2012, 197, 414-423. | 12.7 | 28 |
| 14 | A Comparison of Commercial and Experimental Ultrafiltration Membranes via Surface Property Analysis and Fouling Tests. Water Quality Research Journal of Canada, 2006, 41, 84-93. | 2.7 | 26 |
| 15 | Effects of preparation conditions on the surface modification and performance of polyethersulfone ultrafiltration membranes. Journal of Applied Polymer Science, 2006, 99, 2978-2988. | 2.6 | 26 |
| 16 | Hollow fiber ultrafiltration of Ottawa River water: Floatation versus sedimentation pre-treatment. Chemical Engineering Journal, 2016, 288, 228-237. | 12.7 | 21 |
| 17 | Electrochemical reactivation of granular activated carbon: pH dependence. Journal of Environmental Engineering and Science, 2005, 4, 187-194. | 0.8 | 19 |
| 18 | Impacts of Hydrophilic Membrane Additives on the Ultrafiltration of River Water. Journal of Environmental Engineering, ASCE, 2007, 133, 515-522. | 1.4 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Hypervitaminosis D in the chick embryo: Comparative study on the activity of various vitamin D3 metabolites. Calcified Tissue International, 1984, 36, 392-400. | 3.1 | 15 |
| 20 | Improved membrane pretreatment of high hydrophobic natural organic matter (NOM) waters by floatation. Journal of Membrane Science, 2016, 518, 120-130. | 8.2 | 15 |
| 21 | Mass transfer correlations for air stripping towers. Environmental Progress, 1995, 14, 137-145. | 0.7 | 14 |
| 22 | Evaluation of membranes containing surface modifying macromolecules: Determination of the chloroform separation from aqueous mixtures via pervaporation. Journal of Applied Polymer Science, 2001, 79, 183-189. | 2.6 | 13 |
| 23 | Electrochemical Reactivation of Granular Activated Carbon: Effect of Electrolyte Mixing. Journal of Environmental Engineering, ASCE, 2005, 131, 443-449. | 1.4 | 13 |
| 24 | Double-pass casting: A novel technique for developing high performance ultrafiltration membranes. Journal of Membrane Science, 2008, 323, 45-52. | 8.2 | 13 |
| 25 | Loofah Sponges as Bio-Carriers in a Pilot-Scale Integrated Fixed-Film Activated Sludge System for Municipal Wastewater Treatment. Sustainability, 2020, 12, 4758. | 3.2 | 11 |
| 26 | Evaluation of Apparatus for Membrane Cleaning Tests. Journal of Environmental Engineering, ASCE, 2010, 136, 1161-1170. | 1.4 | 9 |
| 27 | Performance of a newly developed hydrophilic additive blended with different ultrafiltration base polymers. Journal of Applied Polymer Science, 2010, 116, 2205-2215. | 2.6 | 8 |
| 28 | Large batch bench-scale dissolved air flotation system (LB-DAF) for drinking water treatability tests. Environmental Science: Water Research and Technology, 2020, 6, 1004-1017. | 2.4 | 8 |
| 29 | Strategies for the municipal solid waste sector to assist Canada in meeting its Kyoto Protocol commitments. Environmental Reviews, 2004, 12, 71-95. | 4.5 | 7 |
| 30 | Flux Increase Occurring When an Ultrafiltration Membrane Is Flipped from a Normal to an Inverted Positionâ€"Experiments and Theory. Membranes, 2022, 12, 129. | 3.0 | 4 |
| 31 | Large batch bench-scale dissolved air flotation system for simulating full-scale turbidity removal. Environmental Technology (United Kingdom), 2022, 43, 1791-1804. | 2.2 | 3 |
| 32 | Application of fuzzy logic in modern landfills. , 2011, , . | | 2 |
| 33 | Intelligent control of bioreactor landfills. , 2011, , . | | 2 |
| 34 | A new computational control strategy for leachate management in bioreactor landfills. Environmental Technology (United Kingdom), 2014, 35, 300-312. | 2.2 | 2 |
| 35 | Key factors affecting the manufacture of hydrophobic ultrafiltration membranes for surface water treatment. Journal of Applied Polymer Science, 2010, 116, 2626-2637. | 2.6 | 1 |
| 36 | Iron and NOM interactions in GAC groundwater treatment. Water Quality Research Journal of Canada, 2018, 53, 105-117. | 2.7 | 0 |