

Serkan Guclu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7672897/publications.pdf>

Version: 2024-02-01

21
papers

299
citations

1307594

7
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

450
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Interfacially polymerized thin-film composite membranes: Impact of support layer pore size on active layer polymerization and seawater desalination performance. <i>Separation and Purification Technology</i> , 2019, 212, 438-448. | 7.9 | 73 |
| 2 | A novel nanofiber microfiltration membrane: Fabrication and characterization of tubular electrospun nanofiber (TuEN) membrane. <i>Journal of Membrane Science</i> , 2016, 520, 616-629. | 8.2 | 59 |
| 3 | Analysis of wall shear stress on the outside-in type hollow fiber membrane modules by CFD simulation. <i>Desalination</i> , 2014, 351, 109-119. | 8.2 | 45 |
| 4 | Evaluation of biofouling behavior of zwitterionic silane coated reverse osmosis membranes fouled by marine bacteria. <i>Progress in Organic Coatings</i> , 2019, 134, 303-311. | 3.9 | 23 |
| 5 | Enhancement of mechanical and physical properties of electrospun PAN nanofiber membranes using PVDF particles. <i>Desalination and Water Treatment</i> , 2016, 57, 26003-26013. | 1.0 | 20 |
| 6 | CFD modeling of submerged membrane bioreactors (sMBRs): a review. <i>Desalination and Water Treatment</i> , 2015, 55, 1747-1761. | 1.0 | 15 |
| 7 | Polyethersulfone/polyacrylonitrile blended ultrafiltration membranes: preparation, morphology and filtration properties. <i>Water Science and Technology</i> , 2016, 74, 738-748. | 2.5 | 15 |
| 8 | Surface Modification of Reverse Osmosis Desalination Membranes with Zwitterionic Silane Compounds for Enhanced Organic Fouling Resistance. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 5133-5144. | 3.7 | 7 |
| 9 | Manufacturing of antibiofouling polymeric membranes with bismuth-BAL chelate (BisBAL). <i>Desalination and Water Treatment</i> , 2016, 57, 12941-12955. | 1.0 | 6 |
| 10 | Membrane manufacturing via simultaneous electrospinning of PAN and PSU solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 8152-8160. | 1.0 | 6 |
| 11 | Fabrication of high-performance nanofiber-based FO membranes. , 0, 147, 56-72. | | 6 |
| 12 | Investigation of water and salt flux performances of polyamide coated tubular electrospun nanofiber membrane under pressure. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 606-614. | 1.7 | 5 |
| 13 | An Autopsy of Nanofiltration Membrane Used for Landfill Leachate Treatment. <i>Scientific World Journal, The</i> , 2015, 2015, 1-8. | 2.1 | 4 |
| 14 | Long-term MBR performance of polymeric membrane modified with Bismuth-BAL chelate (BisBAL). <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2011-2017. | 2.2 | 4 |
| 15 | Bismuth Chelate- Doped Microfiltration Membrane and Its Anti-Biofouling Performance During a High-Flux Membrane Bioreactor Operation. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1500923. | 1.1 | 3 |
| 16 | Effects of the post-modification using bismuth chelate (BisBAL) on the anti-biofouling and performance properties of flat-sheet microfiltration membranes. <i>Journal of Water Process Engineering</i> , 2018, 23, 75-83. | 5.6 | 3 |
| 17 | Solvent-based recovery of high purity polysulfone and polyester from end-of-life reverse osmosis membranes. <i>Sustainable Materials and Technologies</i> , 2022, 31, e00358. | 3.3 | 2 |
| 18 | Water supply structures of the Ottoman period in Istanbul (Asian side). <i>Water Science and Technology: Water Supply</i> , 2013, 13, 615-625. | 2.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Investigation of pilot scale manufacturing of polysulfone (Psf) membranes by wet phase inversion method. , 0, 131, 66-74. | | 1 |
| 20 | Applicability of pressure retarded osmosis power generation technology in Istanbul. Periodicals of Engineering and Natural Sciences, 2018, 6, 141. | 0.5 | 1 |
| 21 | Foulant and chemical cleaning analysis of ultrafiltration membrane used in landfill leachate treatment. , 0, 77, 142-148. | | 0 |