

Serkan Guclu

List of Publications by Year in descending order

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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	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
2	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
3	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
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	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
6	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
7	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
8	Applicability of pressure retarded osmosis power generation technology in Istanbul. <i>Periodicals of Engineering and Natural Sciences</i> , 2018, 6, 141.	0.5	1
9	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
10	Polyethersulfone/polyacrylonitrile blended ultrafiltration membranes: preparation, morphology and filtration properties. <i>Water Science and Technology</i> , 2016, 74, 738-748.	2.5	15
11	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
12	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
13	Manufacturing of antibiofouling polymeric membranes with bismuth-BAL chelate (BisBAL). <i>Desalination and Water Treatment</i> , 2016, 57, 12941-12955.	1.0	6
14	Membrane manufacturing via simultaneous electrospinning of PAN and PSU solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 8152-8160.	1.0	6
15	An Autopsy of Nanofiltration Membrane Used for Landfill Leachate Treatment. <i>Scientific World Journal, The</i> , 2015, 2015, 1-8.	2.1	4
16	CFD modeling of submerged membrane bioreactors (sMBRs): a review. <i>Desalination and Water Treatment</i> , 2015, 55, 1747-1761.	1.0	15
17	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
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	Fabrication of high-performance nanofiber-based FO membranes. , 0, 147, 56-72.		6
20	Foulant and chemical cleaning analysis of ultrafiltration membrane used in landfill leachate treatment. , 0, 77, 142-148.		0
21	Investigation of pilot scale manufacturing of polysulfone (Psf) membranes by wet phase inversion method. , 0, 131, 66-74.		1