Be Cheer Ng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6003865/publications.pdf

Version: 2024-02-01

18	619	686830 13	839053 18
papers	citations	h-index	g-index

18	18	18	756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorptive nanocomposite membranes for heavy metal remediation: Recent progresses and challenges. Chemosphere, 2019, 232, 96-112.	4.2	130
2	Antifouling polyethersulfone hemodialysis membranes incorporated with poly (citric acid) polymerized multi-walled carbon nanotubes. Materials Science and Engineering C, 2016, 68, 540-550.	3.8	62
3	Recent Progresses of Forward Osmosis Membranes Formulation and Design for Wastewater Treatment. Water (Switzerland), 2019, 11, 2043.	1.2	60
4	Highly adsorptive oxidized starch nanoparticles for efficient urea removal. Carbohydrate Polymers, 2018, 201, 257-263.	5.1	57
5	Development of biocompatible and safe polyethersulfone hemodialysis membrane incorporated with functionalized multi-walled carbon nanotubes. Materials Science and Engineering C, 2017, 77, 572-582.	3.8	52
6	The Waterâ€“Energy Nexus: Solutions towards Energyâ€Efficient Desalination. Energy Technology, 2017, 5, 1136-1155.	1.8	36
7	Enhanced hydrophilic polysulfone hollow fiber membranes with addition of iron oxide nanoparticles. Polymer International, 2017, 66, 1424-1429.	1.6	29
8	Synthesis and characterisation of composite sulphonated polyurethane/polyethersulphone membrane for blood purification application. Materials Science and Engineering C, 2019, 99, 491-504.	3.8	27
9	Polysulfone/amino-silanized poly(methyl methacrylate) dual layer hollow fiber membrane for uremic toxin separation. Separation and Purification Technology, 2020, 236, 116216.	3.9	22
10	Hemocompatibility evaluation of poly(1,8â€octanediol citrate) blend polyethersulfone membranes. Journal of Biomedical Materials Research - Part A, 2017, 105, 1510-1520.	2.1	21
11	Facile modification of polysulfone hollowâ€fiber membranes via the incorporation of wellâ€dispersed iron oxide nanoparticles for protein purification. Journal of Applied Polymer Science, 2019, 136, 47502.	1.3	21
12	Degradation of PVDF-based composite membrane and its impacts on membrane intrinsic and separation properties. Journal of Polymer Engineering, 2016, 36, 261-268.	0.6	19
13	ZrO2-TiO2 Incorporated PVDF Dual-Layer Hollow Fiber Membrane for Oily Wastewater Treatment: Effect of Air Gap. Membranes, 2020, 10, 124.	1.4	18
14	Co-Adsorptive Removal of Creatinine and Urea by a Three-Component Dual-Layer Hollow Fiber Membrane. ACS Applied Materials & Interfaces, 2020, 12, 33276-33287.	4.0	15
15	Iron oxide nanoparticles improved biocompatibility and removal of middle molecule uremic toxin of polysulfone hollow fiber membranes. Journal of Applied Polymer Science, 2019, 136, 48234.	1.3	14
16	Nanocrystalline cellulose incorporated biopolymer tailored polyethersulfone mixed matrix membranes for efficient treatment of produced water. Chemosphere, 2022, 293, 133561.	4.2	14
17	Surface Modifications of Nanofillers for Carbon Dioxide Separation Nanocomposite Membrane. Symmetry, 2020, 12, 1102.	1.1	12
18	Antioxidant and antithrombotic study of novel chitosan-diallyl disulfide inclusion complexes nanoparticles for hemodialysis applications. Reactive and Functional Polymers, 2021, 163, 104894.	2.0	10