

# Be Cheer Ng

## List of Publications by Year in descending order

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18  
papers

619  
citations

686830

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839053

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times ranked

756  
citing authors

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