

Musthafa O Mavukkandy

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8875865/musthafa-o-mavukkandy-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

565
citations

12
h-index

19
g-index

19
ext. papers

731
ext. citations

7.2
avg, IF

4.2
L-index

#	Paper	IF	Citations
18	Synthesis of polydopamine coated tungsten oxide@ poly(vinylidene fluoride-co-hexafluoropropylene) electrospun nanofibers as multifunctional membranes for water applications. <i>Chemical Engineering Journal</i> , 2022 , 427, 131021	14.7	12
17	Recent developments in hazardous pollutants removal from wastewater and water reuse within a circular economy. <i>Npj Clean Water</i> , 2022 , 5,	11.2	3
16	Synergistic effect of humic acid on alkali pretreatment of sugarcane bagasse for the recovery of lignin with phenomenal properties. <i>Biomass and Bioenergy</i> , 2020 , 134, 105486	5.3	8
15	Thin film deposition techniques for polymeric membranes—A review. <i>Journal of Membrane Science</i> , 2020 , 610, 118258	9.6	35
14	Brine management in desalination industry: From waste to resources generation. <i>Desalination</i> , 2019 , 472, 114187	10.3	68
13	PVDF/magnetite blend membranes for enhanced flux and salt rejection in membrane distillation. <i>Desalination</i> , 2018 , 436, 69-80	10.3	43
12	Covalent surface entanglement of polyvinylidene fluoride membranes with carbon nanotubes. <i>European Polymer Journal</i> , 2018 , 100, 153-164	5.2	7
11	CNT/PVP blend PVDF membranes for the removal of organic pollutants from simulated treated wastewater effluent. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 6733-6740	6.8	17
10	Feedstock Availability, Composition, New Potential Resources for Biohydrogen, Biomethane, and Biobutanol Production via Biotechnological Routes 2017 , 261-276		
9	Activation of PVDF membranes through facile hydroxylation of the polymeric dope. <i>Journal of Materials Research</i> , 2017 , 32, 4219-4231	2.5	7
8	Functional groups docking on PVDF membranes: Novel Piranha approach. <i>European Polymer Journal</i> , 2017 , 96, 414-428	5.2	18
7	Photocatalytic hollow fiber membranes for the degradation of pharmaceutical compounds in wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 5014-5024	6.8	63
6	Reversing membrane wetting in membrane distillation: comparing dryout to backwashing with pressurized air. <i>Environmental Science: Water Research and Technology</i> , 2017 , 3, 930-939	4.2	40
5	Nanoporous hollow fiber polyethersulfone membranes for the removal of residual contaminants from treated wastewater effluent: Functional and molecular implications. <i>Separation and Purification Technology</i> , 2017 , 189, 20-31	8.3	18
4	Membrane distillation research & implementation: Lessons from the past five decades. <i>Separation and Purification Technology</i> , 2017 , 189, 108-127	8.3	126
3	Leaching of PVP from PVDF/PVP blend membranes: impacts on membrane structure and fouling in membrane bioreactors. <i>Journal of Materials Science</i> , 2016 , 51, 4328-4341	4.3	41
2	A Clean-Green Synthesis of Platinum Nanoparticles Utilizing a Pernicious Weed Lantana (Lantana Camara). <i>American Journal of Engineering and Applied Sciences</i> , 2016 , 9, 84-90	0.4	17

- 1 Shrinkage, defect and membrane distillation performance of composite PVDF membranes. *Desalination*, **2015**, 376, 62-72 10.3 40