

Nurasyikin Misdan

List of Publications by Year in descending order

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27
papers

3,457
citations

430442

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525886

27
g-index

27
all docs

27
docs citations

27
times ranked

3929
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane technology enhancement in oil/water separation. A review. Desalination, 2015, 357, 197-207.	4.0	978
2	A recent progress in thin film composite membrane: A review. Desalination, 2012, 287, 190-199.	4.0	757
3	Seawater Reverse Osmosis (SWRO) desalination by thin-film composite membrane—Current development, challenges and future prospects. Desalination, 2012, 287, 228-237.	4.0	270
4	Thermally Rearranged (TR) Polybenzoxazole: Effects of Diverse Imidization Routes on Physical Properties and Gas Transport Behaviors. Macromolecules, 2010, 43, 7657-7667.	2.2	226
5	Formation of thin film composite nanofiltration membrane: Effect of polysulfone substrate characteristics. Desalination, 2013, 329, 9-18.	4.0	180
6	Nanomaterials for biofouling and scaling mitigation of thin film composite membrane: A review. Desalination, 2016, 393, 2-15.	4.0	164
7	Study on the thin film composite poly(piperazine-amide) nanofiltration membrane: Impacts of physicochemical properties of substrate on interfacial polymerization formation. Desalination, 2014, 344, 198-205.	4.0	141
8	Recent advances in the development of (bio)fouling resistant thin film composite membranes for desalination. Desalination, 2016, 380, 105-111.	4.0	121
9	Facile modification of ZIF-8 mixed matrix membrane for CO ₂ /CH ₄ separation: synthesis and preparation. RSC Advances, 2015, 5, 43110-43120.	1.7	107
10	Development of microporous substrates of polyamide thin film composite membranes for pressure-driven and osmotically-driven membrane processes: A review. Journal of Industrial and Engineering Chemistry, 2019, 77, 25-59.	2.9	90
11	Efficient separation of oily wastewater using polyethersulfone mixed matrix membrane incorporated with halloysite nanotube-hydrous ferric oxide nanoparticle. Separation and Purification Technology, 2018, 199, 161-169.	3.9	71
12	Incorporation of layered double hydroxide nanofillers in polyamide nanofiltration membrane for high performance of salts rejections. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 1-11.	2.7	55
13	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. Journal of Environmental Management, 2021, 290, 112565.	3.8	45
14	Modified ZIF-8 mixed matrix membrane for CO ₂ /CH ₄ separation. AIP Conference Proceedings, 2017, , .	0.3	40
15	A comparative study of ZnO-PVP and ZnO-PEG nanoparticles activity in membrane photocatalytic reactor (MPR) for industrial dye wastewater treatment under different membranes. Journal of Environmental Chemical Engineering, 2019, 7, 103143.	3.3	35
16	Palm oil mill secondary effluent (POMSE) treatment via photocatalysis process in presence of ZnO-PEG nanoparticles. Journal of Water Process Engineering, 2018, 26, 10-16.	2.6	32
17	CuBTC metal organic framework incorporation for enhancing separation and antifouling properties of nanofiltration membrane. Chemical Engineering Research and Design, 2019, 148, 227-239.	2.7	29
18	Study on the thin film composite poly(piperazine-amide) nanofiltration membranes made of different polymeric substrates: Effect of operating conditions. Korean Journal of Chemical Engineering, 2015, 32, 753-760.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Characterizations of Polysulfone/Ferrihydrite Mixed Matrix Membranes for Water/Wastewater Treatment. <i>Water Environment Research</i> , 2018, 90, 64-73.	1.3	18
20	Physicochemical characteristics of poly(piperazine-amide) TFC nanofiltration membrane prepared at various reaction times and its relation to the performance. <i>Journal of Polymer Engineering</i> , 2015, 35, 71-78.	0.6	17
21	Effects of manganese(VI) oxide on polyacrylonitrile-based activated carbon nanofibers (ACNFs) and its preliminary study for adsorption of lead(II) ions. <i>Emergent Materials</i> , 2018, 1, 89-94.	3.2	17
22	Removal of lead(II) by nanofiltration-ranged thin film nanocomposite membrane incorporated UiO-66-NH ₂ : Comparative removal performance between hydraulic-driven and osmotic-driven membrane process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 128, 354-369.	2.7	13
23	Reusability Performance of Zinc Oxide Nanoparticles for Photocatalytic Degradation of POME. <i>E3S Web of Conferences</i> , 2018, 34, 02013.	0.2	12
24	[EMIM][Tf ₂ N]-Modified Silica as Filler in Mixed Matrix Membrane for Carbon Dioxide Separation. <i>Membranes</i> , 2021, 11, 371.	1.4	7
25	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. <i>E3S Web of Conferences</i> , 2018, 34, 02003.	0.2	4
26	The Application of Ferric-Metal-Organic Framework for Dye Removal: A Mini Review. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 75, 68-80.	0.3	4
27	Indoor Air Contaminant Adsorption By Palm Shell Activated Carbon Filter " A Proposed Study. <i>MATEC Web of Conferences</i> , 2016, 78, 01046.	0.1	2