Nurasyikin Misdan

List of Publications by Year
in descending order

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27 papers	3,457 citations	430754 18 h-index	526166 27 g-index
27 all docs	27 docs citations	27 times ranked	3929 citing authors

#	Article	IF	Citations
1	[EMIM][Tf2N]-Modified Silica as Filler in Mixed Matrix Membrane for Carbon Dioxide Separation. Membranes, 2021, 11, 371.	1.4	7
2	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. Journal of Environmental Management, 2021, 290, 112565.	3.8	45
3	Removal of lead(II) by nanofiltration-ranged thin film nanocomposite membrane incorporated UiO-66-NH2: Comparative removal performance between hydraulic-driven and osmotic-driven membrane process. Journal of the Taiwan Institute of Chemical Engineers, 2021, 128, 354-369.	2.7	13
4	The Application of Ferric-Metal-Organic Framework for Dye Removal: A Mini Review. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 75, 68-80.	0.3	4
5	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
6	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
7	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
8	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
9	Reusability Performance of Zinc Oxide Nanoparticles for Photocatalytic Degradation of POME. E3S Web of Conferences, 2018, 34, 02013.	0.2	12
10	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
11	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. E3S Web of Conferences, 2018, 34, 02003.	0.2	4
12	Characterizations of Polysulfone/Ferrihydrite Mixed Matrix Membranes for Water/Wastewater Treatment. Water Environment Research, 2018, 90, 64-73.	1.3	18
13	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
14	Effects of manganese(VI) oxide on polyacrylonitrile-based activated carbon nanofibers (ACNFs) and its preliminary study for adsorption of lead(II) ions. Emergent Materials, 2018, 1, 89-94.	3.2	17
15	Modified ZIF-8 mixed matrix membrane for CO2/CH4 separation. AIP Conference Proceedings, 2017, , .	0.3	40
16	Indoor Air Contaminant Adsorption By Palm Shell Activated Carbon Filter â€“ A Proposed Study. MATEC Web of Conferences, 2016, 78, 01046.	0.1	2
17	Nanomaterials for biofouling and scaling mitigation of thin film composite membrane: A review. Desalination, 2016, 393, 2-15.	4.0	164
18	Recent advances in the development of (bio)fouling resistant thin film composite membranes for desalination. Desalination, 2016, 380, 105-111.	4.0	121

#	Article	IF	Citations
19	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
20	Physicochemical characteristics of poly(piperazine-amide) TFC nanofiltration membrane prepared at various reaction times and its relation to the performance. Journal of Polymer Engineering, 2015, 35, 71-78.	0.6	17
21	Facile modification of ZIF-8 mixed matrix membrane for CO₂/CH₄ separation: synthesis and preparation. RSC Advances, 2015, 5, 43110-43120.	1.7	107
22	Membrane technology enhancement in oilâ€“water separation. A review. Desalination, 2015, 357, 197-207.	4.0	978
23	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
24	Formation of thin film composite nanofiltration membrane: Effect of polysulfone substrate characteristics. Desalination, 2013, 329, 9-18.	4.0	180
25	A recent progress in thin film composite membrane: A review. Desalination, 2012, 287, 190-199.	4.0	757
26	Seawater Reverse Osmosis (SWRO) desalination by thin-film composite membraneâ€”Current development, challenges and future prospects. Desalination, 2012, 287, 228-237.	4.0	270
27	Thermally Rearranged (TR) Polybenzoxazole: Effects of Diverse Imidization Routes on Physical Properties and Gas Transport Behaviors. Macromolecules, 2010, 43, 7657-7667.	2.2	226