Yusuf Olabode Raji

List of Publications by Year
in descending order

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		759233	839539
19	436	12	18
papers	citations	h-index	g-index

19	19	19	297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Braid-reinforced PVDF hollow fiber membranes for high-efficiency separation of oily wastewater. Journal of Environmental Chemical Engineering, 2022, 10, 107258.	6.7	12
2	Hydrophobic silica sand ceramic hollow fiber membrane for desalination via direct contact membrane distillation. AEJ - Alexandria Engineering Journal, 2022, 61, 9609-9621.	6.4	15
3	Recent development in modification of polysulfone membrane for water treatment application. Journal of Water Process Engineering, 2021, 40, 101835.	5.6	68
4	Effect of fluorosurfactant on alumina membrane for oil and water separation. Materials Today: Proceedings, 2021, 46, 1983-1989.	1.8	1
5	The influence of pretreatment step on hollow braided PET fabric as a potential membrane substrate. Materials Today: Proceedings, 2021, 46, 1990-1997.	1.8	4
6	Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. Journal of Environmental Chemical Engineering, 2021, 9, 104975.	6.7	30
7	An overview of superhydrophobic ceramic membrane surface modification for oil-water separation. Journal of Materials Research and Technology, 2021, 12, 643-667.	5.8	90
8	Development of high strength, porous mullite ceramic hollow fiber membrane for treatment of oily wastewater. Ceramics International, 2021, 47, 15367-15382.	4.8	38
9	Wettability improvement of ceramic membrane by intercalating nano-Al2O3 for oil and water separation. Surfaces and Interfaces, 2021, 25, 101178.	3.0	13
10	Synthesis and characterization of superoleophobic fumed alumina nanocomposite coated via the sol-gel process onto ceramic-based hollow fibre membrane for oil-water separation. Ceramics International, 2021, 47, 25883-25894.	4.8	7
11	Hydrophobic mullite ceramic hollow fibre membrane (Hy-MHFM) for seawater desalination via direct contact membrane distillation (DCMD). Journal of the European Ceramic Society, 2021, 41, 6578-6585.	5.7	19
12	Optimization of a High-Performance Poly(diallyl dimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (chloride)-alumina-pe Oily Wastewater via Response Surface Methodology Approach. Membranes, 2021, 11, 956.	3.0	5
13	Surface matrix functionalization of ceramic-based membrane for oil-water separation: A mini-review. Korean Journal of Chemical Engineering, 2020, 37, 1631-1641.	2.7	15
14	Innovation in membrane fabrication: Magnetic induced photocatalytic membrane. Journal of the Taiwan Institute of Chemical Engineers, 2020, 113, 372-395.	5.3	12
15	Facile preparation of palygorskite/chitin nanofibers hybrids nanomaterial with remarkable adsorption capacity. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114725.	3.5	21
16	Impact of organosilanes modified <scp>superhydrophobicâ€superoleophilic</scp> kaolin ceramic membrane on efficiency of oil recovery from produced water. Journal of Chemical Technology and Biotechnology, 2020, 95, 3300-3315.	3.2	28
17	Fabrication of Fibrous Silica Zinc (FSZn) Composite for Enhanced Photocatalytic Desulphurization. Topics in Catalysis, 2020, 63, 1169-1181.	2.8	19
18	Fabrication of magnesium bentonite hollow fibre ceramic membrane for oil-water separation. Arabian Journal of Chemistry, 2020, 13, 5996-6008.	4.9	27

#	Article	IF	Citations
19	High viscous oilâ€“water twoâ€“phase flow: experiments & numerical simulations. Heat and Mass Transfer, 2019, 55, 755-767.	2.1	12