

Yusuf Olabode Raji

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

436
citations

759233

12
h-index

839539

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g-index

19
all docs

19
docs citations

19
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of superhydrophobic ceramic membrane surface modification for oil-water separation. <i>Journal of Materials Research and Technology</i> , 2021, 12, 643-667.	5.8	90
2	Recent development in modification of polysulfone membrane for water treatment application. <i>Journal of Water Process Engineering</i> , 2021, 40, 101835.	5.6	68
3	Development of high strength, porous mullite ceramic hollow fiber membrane for treatment of oily wastewater. <i>Ceramics International</i> , 2021, 47, 15367-15382.	4.8	38
4	Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104975.	6.7	30
5	Impact of organosilanes modified <scp>superhydrophobic–superoleophilic</scp> kaolin ceramic membrane on efficiency of oil recovery from produced water. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 3300-3315.	3.2	28
6	Fabrication of magnesium bentonite hollow fibre ceramic membrane for oil-water separation. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5996-6008.	4.9	27
7	Facile preparation of palygorskite/chitin nanofibers hybrids nanomaterial with remarkable adsorption capacity. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114725.	3.5	21
8	Fabrication of Fibrous Silica Zinc (FSZn) Composite for Enhanced Photocatalytic Desulphurization. <i>Topics in Catalysis</i> , 2020, 63, 1169-1181.	2.8	19
9	Hydrophobic mullite ceramic hollow fibre membrane (Hy-MHFM) for seawater desalination via direct contact membrane distillation (DCMD). <i>Journal of the European Ceramic Society</i> , 2021, 41, 6578-6585.	5.7	19
10	Surface matrix functionalization of ceramic-based membrane for oil-water separation: A mini-review. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1631-1641.	2.7	15
11	Hydrophobic silica sand ceramic hollow fiber membrane for desalination via direct contact membrane distillation. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 9609-9621.	6.4	15
12	Wettability improvement of ceramic membrane by intercalating nano-Al ₂ O ₃ for oil and water separation. <i>Surfaces and Interfaces</i> , 2021, 25, 101178.	3.0	13
13	High viscous oil–water two–phase flow: experiments & numerical simulations. <i>Heat and Mass Transfer</i> , 2019, 55, 755-767.	2.1	12
14	Innovation in membrane fabrication: Magnetic induced photocatalytic membrane. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 113, 372-395.	5.3	12
15	Braid-reinforced PVDF hollow fiber membranes for high-efficiency separation of oily wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107258.	6.7	12
16	Synthesis and characterization of superoleophobic fumed alumina nanocomposite coated via the sol-gel process onto ceramic-based hollow fibre membrane for oil-water separation. <i>Ceramics International</i> , 2021, 47, 25883-25894.	4.8	7
17	Optimization of a High-Performance Poly(diallyl dimethylammonium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (chloride)-alt Oily Wastewater via Response Surface Methodology Approach. <i>Membranes</i> , 2021, 11, 956.	3.0	5
18	The influence of pretreatment step on hollow braided PET fabric as a potential membrane substrate. <i>Materials Today: Proceedings</i> , 2021, 46, 1990-1997.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Effect of fluorosurfactant on alumina membrane for oil and water separation. Materials Today: Proceedings, 2021, 46, 1983-1989.	1.8	1