Mo Daramola

List of Publications by Year
in descending order

24 papers	422 citations	687363 13 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	498 citing authors

#	Article	IF	Citations
1	Synthesis of bimetallic NiMo/MgO catalyst for catalytic conversion of waste plastics (polypropylene) to carbon nanotubes (CNTs) via chemical vapour deposition method. Materials Today: Proceedings, 2021, 38, 549-552.	1.8	21
2	Evaluation of silica sodalite infused polysulfone mixed matrix membranes during H2/CO2 separation. Materials Today: Proceedings, 2021, 38, 522-527.	1.8	13
3	Remediation of oil-contaminated water for reuse using polymeric nanocomposites. , 2021, , 213-234.		0
4	Optimisation of acid pre-treatment parameters in silica extraction process from cassava periderm. Materials Today: Proceedings, 2021, 38, 749-755.	1.8	2
5	Polypropylene waste-derived carbon nanotubes (CNTs) via single-stage CVD technique: Determination of crystallinity. IOP Conference Series: Materials Science and Engineering, 2021, 1107, 012067.	0.6	2
6	Performance evaluation of gasification system efficiency using artificial neural network. Renewable Energy, 2020, 145, 2253-2270.	8.9	42
7	Synthesis and evaluation of a nanocomposite hydroxy sodalite/ceramic (HS/ceramic) membrane for pre-combustion CO2 capture: Characterization and permeation test during CO2/H2 separation. Materials Science for Energy Technologies, 2020, 3, 225-231.	1.8	3
8	Dataset from estimation of gasification system efficiency using artificial neural network technique. Chemical Data Collections, 2020, 25, 100321.	2.3	4
9	Optimization of process variables during torrefaction of coal/biomass/waste tyre blends: Application of artificial neural network & response surface methodology. Biomass and Bioenergy, 2020, 143, 105808.	5.7	30
10	Kinetic Study of Waste-derived Solid Hydroxy Sodalite Catalyst during Transesterification of Animal Fat Oil to Biodiesel in a Batch Reactor. Journal of Physics: Conference Series, 2019, 1378, 032081.	0.4	2
11	Prediction of Emissions and Profits from a Biomass, Tyre, and Coal Fired Co-Gasification CHP Plant Using Artificial Neural Network: Nigerian and South African Perspectives. Journal of Physics: Conference Series, 2019, 1378, 022021.	0.4	4
12	Dataset on the assessment of the environmental, economic and energy parameters of 5â€¯MW CHP co-gasification plant using South African coal, biomass and waste-tyre. Data in Brief, 2018, 21, 2598-2608.	1.0	3
13	Extraction of silica from cassava periderm using modified sol-gel method. Nigerian Journal of Technological Development, 2018, 15, 57.	0.6	23
14	Techno-economic analysis of electricity and heat production by co-gasification of coal, biomass and waste tyre in South Africa. Journal of Cleaner Production, 2018, 201, 192-206.	9.3	48
15	Review: <i>BTEX compounds in water â€“ future trends and directions for water treatment</i>. Water S A, 2017, 43, 602.	0.4	41
16	Influence of operating variables on the transesterification of waste cooking oil to biodiesel over sodium silicate catalyst: A statistical approach. Journal of Taibah University for Science, 2016, 10, 675-684.	2.5	34
17	Polyethersulphone-sodalite (PES-SOD) mixed-matrix membranes: Prospects for acid mine drainage (AMD) treatment. Journal of the South African Institute of Mining and Metallurgy, 2015, 115, 1221-1228.	0.5	12
18	Synthesis and Characterization of Nanocomposite Hydroxy- Sodalite/Ceramic Membrane via Pore-Plugging Hydrothermal Synthesis Technique. Journal of Membrane and Separation Technology, 2015, 4, 1-7.	0.4	10

#	Article	IF	Citations
19	Modelling and sensitivity analysis of a nanocomposite MFI-alumina based extractor-type zeolite catalytic membrane reactor for m-Xylene isomerization over Pt-HZSM-5 catalyst. Chemical Engineering Journal, 2011, 171, 618-627.	12.7	19
20	Empirical modelling of chemically enhanced backwash during ultrafiltration process. Membrane Water Treatment, 2011, 2, 225-237.	0.5	11
21	Nanocomposite MFI-alumina hollow fibre membranes prepared via pore-plugging synthesis: Influence of the porous structure of hollow fibres on the gas/vapour separation performance. Journal of Membrane Science, 2010, 364, 1-8.	8.2	23
22	Extractor-type catalytic membrane reactor with nanocomposite MFI-alumina membrane tube as separation unit: Prospect for ultra-pure para-Xylene production from m-Xylene isomerization over Pt-HZSM-5 catalyst. Applied Catalysis A: General, 2010, 386, 109-115.	4.3	19
23	Nanocomposite MFIâ€“alumina membranes prepared via pore-pugging synthesis: Application as packed-bed membrane reactors for m-xylene isomerization over a Pt-HZSM-5 catalyst. Catalysis Today, 2010, 156, 261-267.	4.4	17
24	Nanocomposite MFIâ€“ceramic hollow fibre membranes via pore-plugging synthesis: Prospects for xylene isomer separation. Journal of Membrane Science, 2009, 337, 106-112.	8.2	39