

Mo Daramola

List of Publications by Year in descending order

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24
papers

422
citations

687363

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752698

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docs citations

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times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of electricity and heat production by co-gasification of coal, biomass and waste tyre in South Africa. <i>Journal of Cleaner Production</i> , 2018, 201, 192-206.	9.3	48
2	Performance evaluation of gasification system efficiency using artificial neural network. <i>Renewable Energy</i> , 2020, 145, 2253-2270.	8.9	42
3	Review: <i>>BTEX compounds in water <i>< future trends and directions for water treatment<i><. <i>Water S A</i> , 2017, 43, 602.	0.4	41
4	Nanocomposite MFI<i>< ceramic hollow fibre membranes via pore-plugging synthesis: Prospects for xylene isomer separation. <i>Journal of Membrane Science</i> , 2009, 337, 106-112.	8.2	39
5	Influence of operating variables on the transesterification of waste cooking oil to biodiesel over sodium silicate catalyst: A statistical approach. <i>Journal of Taibah University for Science</i> , 2016, 10, 675-684.	2.5	34
6	Optimization of process variables during torrefaction of coal/biomass/waste tyre blends: Application of artificial neural network & response surface methodology. <i>Biomass and Bioenergy</i> , 2020, 143, 105808.	5.7	30
7	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. <i>Journal of Membrane Science</i> , 2010, 364, 1-8.	8.2	23
8	Extraction of silica from cassava periderm using modified sol-gel method. <i>Nigerian Journal of Technological Development</i> , 2018, 15, 57.	0.6	23
9	Synthesis of bimetallic NiMo/MgO catalyst for catalytic conversion of waste plastics (polypropylene) to carbon nanotubes (CNTs) via chemical vapour deposition method. <i>Materials Today: Proceedings</i> , 2021, 38, 549-552.	1.8	21
10	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. <i>Applied Catalysis A: General</i> , 2010, 386, 109-115.	4.3	19
11	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. <i>Chemical Engineering Journal</i> , 2011, 171, 618-627.	12.7	19
12	Nanocomposite MFI<i>< alumina membranes prepared via pore-pugging synthesis: Application as packed-bed membrane reactors for m-xylene isomerization over a Pt-HZSM-5 catalyst. <i>Catalysis Today</i> , 2010, 156, 261-267.	4.4	17
13	Evaluation of silica sodalite infused polysulfone mixed matrix membranes during H2/CO2 separation. <i>Materials Today: Proceedings</i> , 2021, 38, 522-527.	1.8	13
14	Polyethersulphone-sodalite (PES-SOD) mixed-matrix membranes: Prospects for acid mine drainage (AMD) treatment. <i>Journal of the South African Institute of Mining and Metallurgy</i> , 2015, 115, 1221-1228.	0.5	12
15	Empirical modelling of chemically enhanced backwash during ultrafiltration process. <i>Membrane Water Treatment</i> , 2011, 2, 225-237.	0.5	11
16	Synthesis and Characterization of Nanocomposite Hydroxy- Sodalite/Ceramic Membrane via Pore-Plugging Hydrothermal Synthesis Technique. <i>Journal of Membrane and Separation Technology</i> , 2015, 4, 1-7.	0.4	10
17	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. <i>Journal of Physics: Conference Series</i> , 2019, 1378, 022021.	0.4	4
18	Dataset from estimation of gasification system efficiency using artificial neural network technique. <i>Chemical Data Collections</i> , 2020, 25, 100321.	2.3	4

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19	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
20	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
21	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
22	Optimisation of acid pre-treatment parameters in silica extraction process from cassava periderm. Materials Today: Proceedings, 2021, 38, 749-755.	1.8	2
23	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
24	Remediation of oil-contaminated water for reuse using polymeric nanocomposites. , 2021, , 213-234.		0