

Adolph A Muleja

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

215
citations

9
h-index

14
g-index

24
ext. papers

283
ext. citations

5.3
avg, IF

3.54
L-index

#	Paper	IF	Citations
23	Phosphine functionalised multiwalled carbon nanotubes: a new adsorbent for the removal of nickel from aqueous solution. <i>Journal of Environmental Sciences</i> , 2012 , 24, 1133-41	6.4	36
22	Synthesis, characterization and thermal decomposition behaviour of triphenylphosphine-linked multiwalled carbon nanotubes. <i>Carbon</i> , 2012 , 50, 2741-2751	10.4	28
21	A study of Fischer-Tropsch synthesis: Product distribution of the light hydrocarbons. <i>Applied Catalysis A: General</i> , 2016 , 517, 217-226	5.1	23
20	Study of biochar from pyrolysis and gasification of wood pellets in a nitrogen plasma reactor for design of biomass processes. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103391	6.8	22
19	Poly (ether) sulfone electrospun nanofibrous membranes embedded with graphene oxide quantum dots with antimicrobial activity. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 26845-26855	5.1	12
18	Fischer-Tropsch synthesis: product distribution, operating conditions, iron catalyst deactivation and catalyst speciation. <i>International Journal of Industrial Chemistry</i> , 2018 , 9, 317-333	3.1	12
17	Adsorption, Kinetics and Equilibrium Studies on Removal of Catechol and Resorcinol from Aqueous Solution Using Low-Cost Activated Carbon Prepared from Sunflower (<i>Helianthus annuus</i>) Seed Hull Residues. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	12
16	Adsorption of cadmium, nickel and lead ions: equilibrium, kinetic and selectivity studies on modified clinoptilolites from the USA and RSA. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 30962-30978	5.1	11
15	Variation of the Short-Chain Paraffin and Olefin Formation Rates with Time for a Cobalt Fischer-Tropsch Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 469-478	3.9	10
14	Effect of feeding nitrogen to a fixed bed Fischer-Tropsch reactor while keeping the partial pressures of reactants the same. <i>Chemical Engineering Journal</i> , 2016 , 293, 151-160	14.7	9
13	Development of calcined catalytic membrane for potential photodegradation of Congo red in aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4850-4863	6.8	9
12	A framework for targeting water, sanitation and hygiene interventions in pastoralist populations in the Afar region of Ethiopia. <i>International Journal of Hygiene and Environmental Health</i> , 2019 , 222, 1133-1144	6.9	6
11	Shape-dependant photocatalytic and antimicrobial activity of ZnO nanostructures when conjugated to graphene quantum dots. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103930	6.8	6
10	Effect of Co-Feeding Inorganic and Organic Molecules in the Fe and Co Catalyzed Fischer-Tropsch Synthesis: A Review. <i>Catalysts</i> , 2019 , 9, 746	4	5
9	Lu Plot and Yao Plot: Models To Analyze Product Distribution of Long-Term Gas-Phase Fischer-Tropsch Synthesis Experimental Data on an Iron Catalyst. <i>Energy & Fuels</i> , 2017 , 31, 5682-5690	4.1	4
8	The applications of graphene oxide quantum dots in the removal of emerging pollutants in water: An overview. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102249	6.7	4
7	Adsorption of platinum ion from "aged" aqueous solution: application and comparative study between purified MWCNTs and triphenylphosphine MWCNTs. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20032-20047	5.1	2

6	Titania containing natural clay doped with carbon nanotubes for enhanced natural photocatalytic discoloration of wastewater. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	1
5	Photocatalytic activity of graphene oxide quantum dots in an effluent from a South African wastewater treatment plant. <i>Journal of Nanoparticle Research</i> , 2022 , 24, 1	2.3	1
4	Data on physicochemical properties of natural clay and natural clay/multiwalled carbon nanotubes composite materials for various applications possibilities.. <i>Data in Brief</i> , 2021 , 39, 107682	1.2	1
3	Geochemical and Physicochemical Characteristics of Clay Materials from Congo with Photocatalytic Activity on 4-Nitrophenol in Aqueous Solutions. <i>ACS Omega</i> , 2020 , 5, 29943-29954	3.9	0
2	The occurrence of opioid compounds in wastewater treatment plants and their receiving water bodies in Gauteng province, South Africa. <i>Environmental Pollution</i> , 2021 , 290, 118048	9.3	0
1	The synergistic effect of peracetic acid activated by graphene oxide quantum dots in the inactivation of and organic dye removal with LED reactor light.. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2022 , 1-14	2.3	0