

# Adolph A Muleja

## List of Publications by Year in Descending Order

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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	Photocatalytic activity of graphene oxide quantum dots in an effluent from a South African wastewater treatment plant. <i>Journal of Nanoparticle Research</i> , <b>2022</b> , 24, 1	2.3	1
22	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> , <b>2022</b> , 1-14	2.3	0
21	Titania containing natural clay doped with carbon nanotubes for enhanced natural photocatalytic discoloration of wastewater. <i>Journal of Nanoparticle Research</i> , <b>2021</b> , 23, 1	2.3	1
20	The applications of graphene oxide quantum dots in the removal of emerging pollutants in water: An overview. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 43, 102249	6.7	4
19	The occurrence of opioid compounds in wastewater treatment plants and their receiving water bodies in Gauteng province, South Africa. <i>Environmental Pollution</i> , <b>2021</b> , 290, 118048	9.3	0
18	Data on physicochemical properties of natural clay and natural clay/multiwalled carbon nanotubes composite materials for various applications possibilities.. <i>Data in Brief</i> , <b>2021</b> , 39, 107682	1.2	1
17	Poly (ether) sulfone electrospun nanofibrous membranes embedded with graphene oxide quantum dots with antimicrobial activity. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 26845-26855	5.1	12
16	Geochemical and Physicochemical Characteristics of Clay Materials from Congo with Photocatalytic Activity on 4-Nitrophenol in Aqueous Solutions. <i>ACS Omega</i> , <b>2020</b> , 5, 29943-29954	3.9	0
15	Shape-dependant photocatalytic and antimicrobial activity of ZnO nanostructures when conjugated to graphene quantum dots. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 103930	6.8	6
14	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> , <b>2019</b> , 222, 1133-1144	6.9	6
13	Effect of Co-Feeding Inorganic and Organic Molecules in the Fe and Co Catalyzed Fischer-Tropsch Synthesis: A Review. <i>Catalysts</i> , <b>2019</b> , 9, 746	4	5
12	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> , <b>2019</b> , 7, 103391	6.8	22
11	Development of calcined catalytic membrane for potential photodegradation of Congo red in aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 4850-4863	6.8	9
10	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> , <b>2018</b> , 25, 20032-20047	5.1	2
9	Fischer-Tropsch synthesis: product distribution, operating conditions, iron catalyst deactivation and catalyst speciation. <i>International Journal of Industrial Chemistry</i> , <b>2018</b> , 9, 317-333	3.1	12
8	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> , <b>2018</b> , 229, 1	2.6	12
7	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> , <b>2018</b> , 25, 30962-30978	5.1	11

6	Variation of the Short-Chain Paraffin and Olefin Formation Rates with Time for a Cobalt Fischer-Tropsch Catalyst. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 469-478	3.9	10
5	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 &amp; Fuels</i> , <b>2017</b> , 31, 5682-5690 <sup>4-1</sup>	4	4
4	A study of Fischer-Tropsch synthesis: Product distribution of the light hydrocarbons. <i>Applied Catalysis A: General</i> , <b>2016</b> , 517, 217-226	5.1	23
3	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> , <b>2016</b> , 293, 151-160	14.7	9
2	Phosphine functionalised multiwalled carbon nanotubes: a new adsorbent for the removal of nickel from aqueous solution. <i>Journal of Environmental Sciences</i> , <b>2012</b> , 24, 1133-41	6.4	36
1	Synthesis, characterization and thermal decomposition behaviour of triphenylphosphine-linked multiwalled carbon nanotubes. <i>Carbon</i> , <b>2012</b> , 50, 2741-2751	10.4	28