

# M M Bello

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,513  
citations

623574

14  
h-index

477173

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2127  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the applications of organo-functionalized magnetic graphene oxide nanocomposites for heavy metal adsorption. <i>Chemosphere</i> , 2018, 193, 1004-1017.	4.2	329
2	A review on approaches for addressing the limitations of Fenton oxidation for recalcitrant wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2019, 126, 119-140.	2.7	247
3	Adsorption of arsenic using chitosan magnetic graphene oxide nanocomposite. <i>Journal of Environmental Management</i> , 2019, 246, 547-556.	3.8	213
4	Applications of fluidized bed reactors in wastewater treatment – A review of the major design and operational parameters. <i>Journal of Cleaner Production</i> , 2017, 141, 1492-1514.	4.6	139
5	Electrocoagulation treatment of raw landfill leachate using iron-based electrodes: Effects of process parameters and optimization. <i>Journal of Environmental Management</i> , 2017, 204, 75-81.	3.8	88
6	Trend and current practices of palm oil mill effluent polishing: Application of advanced oxidation processes and their future perspectives. <i>Journal of Environmental Management</i> , 2017, 198, 170-182.	3.8	82
7	Electrocoagulation of Congo Red dye-containing wastewater: Optimization of operational parameters and process mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104055.	3.3	64
8	POME is treated for removal of color from biologically treated POME in fixed bed column: Applying wavelet neural network (WNN). <i>Journal of Hazardous Materials</i> , 2013, 262, 106-113.	6.5	62
9	Synergy of adsorption and advanced oxidation processes in recalcitrant wastewater treatment. <i>Environmental Chemistry Letters</i> , 2019, 17, 1125-1142.	8.3	60
10	Synthesis and characterization of magnetic graphene oxide for arsenic removal from aqueous solution. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1508-1516.	1.2	30
11	Activated carbon as carrier in fluidized bed reactor for Fenton oxidation of recalcitrant dye: Oxidation-adsorption synergy and surface interaction. <i>Journal of Water Process Engineering</i> , 2020, 33, 101001.	2.6	24
12	Predicting the degradation potential of Acid blue 113 by different oxidants using quantum chemical analysis. <i>Heliyon</i> , 2019, 5, e02396.	1.4	23
13	Review on the Inherently Safer Design for chemical processes: Past, present and future. <i>Journal of Cleaner Production</i> , 2021, 305, 127154.	4.6	23
14	Magnetic graphene oxide-biomass activated carbon composite for dye removal. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2179-2191.	1.2	20
15	<i>Paspalum notatum</i> Grass-waste-based Adsorbent for Rhodamine B Removal from Polluted Water. <i>Chemical and Biochemical Engineering Quarterly</i> , 2020, 34, 93-104.	0.5	15
16	Systematic review on the implementation methodologies of inherent safety in chemical process. <i>Journal of Loss Prevention in the Process Industries</i> , 2020, 65, 104092.	1.7	15
17	Fenton oxidation treatment of recalcitrant dye in fluidized bed reactor: Role of SiO <sub>2</sub> as carrier and its interaction with fenton's reagent. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13188.	1.3	9
18	Impacts of non-oxidative torrefaction conditions on the fuel properties of indigenous biomass (bagasse). <i>Waste Management and Research</i> , 2020, 38, 1284-1294.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Adsorption and Oxidation Techniques to Remove Organic Pollutants from Water. Environmental Chemistry for A Sustainable World, 2018, , 249-300.	0.3	7
20	Interaction patterns in fluidized-bed Fenton process for the degradation of recalcitrant pollutants: theoretical and experimental insights. Chemical Papers, 2019, 73, 2591-2602.	1.0	7
21	Adsorption of arsenic from aqueous solution using magnetic graphene oxide. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012007.	0.3	6
22	Enhancing the Anti-biofouling Properties of Polyethersulfone Membrane Using Chitosan-Powder Activated Carbon Composite. Journal of Polymers and the Environment, 2019, 27, 2156-2166.	2.4	6
23	Towards cleaner production in palm oil industry: Advanced treatment of biologically-treated POME using palm kernel shell-based adsorbent. Cleaner Engineering and Technology, 2021, 2, 100079.	2.1	6
24	Performance of Fluidized bed Fenton process in Degrading Acid Blue 113. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012006.	0.3	5
25	Systematic inherent safety and its implementation in chlorine liquefaction process. Journal of Loss Prevention in the Process Industries, 2020, 65, 104133.	1.7	5
26	Developing friendlier biodiesel production process via systematic inherent safety interventions. Journal of Cleaner Production, 2021, 308, 127291.	4.6	4
27	Inherent health oriented design for preventing sick building syndrome during planning stage. Journal of Building Engineering, 2021, 44, 103285.	1.6	4
28	Response surface methodology optimization of integrated fluidized bed adsorptionâ€“Fenton oxidation for removal of Reactive Black 5. Chemical Engineering Communications, 2020, 207, 1567-1578.	1.5	1
29	Dynamic Inherently Safer Modifications: Metric development and its validation for fire and explosion prevention. Journal of Loss Prevention in the Process Industries, 2021, 71, 104483.	1.7	0