

Emmanuel Ikechukwu Ugwu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

201
citations

1307594

7
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the applicability of activated carbon derived from plant biomass in adsorption of chromium, copper, and zinc from industrial wastewater. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 240.	2.7	85
2	A review on zeolites as cost-effective adsorbents for removal of heavy metals from aqueous environment. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8061-8084.	3.5	30
3	Adsorption mechanisms for heavy metal removal using low cost adsorbents: A review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 614, 012166.	0.3	26
4	The use of renewable energy sources in integrated energy supply systems for agriculture. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 614, 012007.	0.3	13
5	Potentials of <i>Momordica angustisepala</i> fiber in enhancing strengths of normal portland cement concrete. <i>Cogent Engineering</i> , 2018, 5, 1431353.	2.2	11
6	Optimal conditions for adsorption of zinc from industrial wastewater using groundnut husk ash. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 345.	2.7	11
7	Physicochemical Conditions for Adsorption of Lead from Water by Rice Husk Ash. <i>BioResources</i> , 2016, 12, .	1.0	8
8	Rheological, Mineralogical and Strength Variability of Concrete due to Construction Water Impurities. <i>International Journal of Engineering Research in Africa</i> , 2020, 48, 78-91.	0.7	8
9	Characterization of Medical Wastes from selected Hospitals in Umuahia, Nigeria. <i>Journal of Physics: Conference Series</i> , 2019, 1378, 042058.	0.4	2
10	Lateritic Soil Treated with Polyvinyl Waste Powder As a Potential Material for Liners and Cover in Waste Containment. <i>Journal of Solid Waste Technology and Management</i> , 2018, 44, 173-179.	0.2	2
11	Optimization of Process Parameters for Adsorption of Hexavalent Chromium from Wastewater Using Response Surface Methodology. <i>International Journal of Engineering Research in Africa</i> , 0, 59, 239-262.	0.7	2
12	Sustainability and Recycling of Bamboo for Engineering Applications. , 2017, , 337-346.		1
13	Application of green nanocomposites in removal of toxic chemicals, heavy metals, radioactive materials, and pesticides from aquatic water bodies. , 2022, , 321-346.		1
14	Optimization of parameters in biomethanization process with co-digested poultry wastes and palm oil mill effluents. , 2022, 3, 100033.		1
15	Mitigating biodiversity destruction through environmental impacts assessment of infrastructural projects. <i>Journal of Physics: Conference Series</i> , 2019, 1378, 042086.	0.4	0
16	A study on physicochemical parameters of fish pond effluents: A case study of Umudibia fish farm. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1036, 012005.	0.6	0
17	Overview on environmental impact of recycled aggregate concrete incorporating pozzolans or fillers. , 2022, , 435-444.		0
18	Competitive Adsorption of Copper, Zinc, and Chromium from Wastewater Using Corn-Cob Ash: Optimization Approach. <i>International Journal of Engineering Research in Africa</i> , 0, 58, 77-94.	0.7	0