

Adelaja Osibote

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,148
citations

566801

15
h-index

500791

28
g-index

52
all docs

52
docs citations

52
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of biochar-NH ₂ produced from watermelon peels as a natural adsorbent for the removal of Cu(II) ion from water. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1975-1991.	2.9	17
2	Biosorption of acid brown 14 dye to mandarin-CO-TETA derived from mandarin peels. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 5053-5073.	2.9	13
3	Assessment of Naturally Occurring Radionuclides Accumulation in Palm Oil from Soil. <i>International Journal of Environmental Science and Development</i> , 2022, 13, 8-15.	0.2	1
4	Electrochemical Detection of Heavy Metals. <i>Engineering Materials</i> , 2022, , 25-63.	0.3	0
5	Biosensing Applications of Electrode Materials. <i>Engineering Materials</i> , 2022, , 187-231.	0.3	4
6	Fluoride ions sorption using functionalized magnetic metal oxides nanocomposites: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9640.	2.7	5
7	A Methodical Review on the Applications and Potentialities of Using Nanobiosensors for Disease Diagnosis. <i>BioMed Research International</i> , 2022, 2022, 1-20.	0.9	18
8	Optimization of biodiesel produced from waste sunflower cooking oil over bi-functional catalyst. <i>Results in Engineering</i> , 2022, 13, 100374.	2.2	24
9	A Facile Review on the Sorption of Heavy Metals and Dyes Using Bionanocomposites. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	28
10	A Methodical Review on Carbon-Based Nanomaterials in Energy-Related Applications. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	22
11	An Overview of the Emergence and Challenges of Land Reclamation: Issues and Prospect. <i>Applied and Environmental Soil Science</i> , 2022, 2022, 1-14.	0.8	11
12	Degradation of Methylene Blue Dye and Bisphenol-A Using Expanded Graphene-Polypyrrole-Magnetite Nanocomposite. <i>Topics in Catalysis</i> , 2022, 65, 1745-1754.	1.3	5
13	Chemical and quality performance of biodiesel and petrol blends. <i>Energy Conversion and Management: X</i> , 2022, 15, 100256.	0.9	3
14	Measuring the velocity profile of spinning particles and its impact on Cr(VI) sequestration. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 178, 109013.	1.8	2
15	Functionalized nanomagnetic materials for environmental applications. , 2021, , 127-145.		0
16	Effect of hexavalent chromium on the environment and removal techniques: A review. <i>Journal of Environmental Management</i> , 2021, 280, 111809.	3.8	169
17	Catalyst and Elemental Analysis Involving Biodiesel from Various Feedstocks. <i>Catalysts</i> , 2021, 11, 971.	1.6	4
18	Malachite Green Removal by Activated Potassium Hydroxide Clove Leaf Agrowaste Biosorbent: Characterization, Kinetic, Isotherm, and Thermodynamic Studies. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-15.	1.5	23

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19	Fly ash-based adsorbent for adsorption of heavy metals and dyes from aqueous solution: a review. <i>Journal of Materials Research and Technology</i> , 2021, 14, 2751-2774.	2.6	127
20	Carbon derived nanomaterials for the sorption of heavy metals from aqueous solution: A review. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100578.	1.7	17
21	A Review of Health Hazards Associated with Rainwater Harvested from Green, Conventional and Photovoltaic Rooftops. <i>International Journal of Environmental Science and Development</i> , 2021, 12, 289-303.	0.2	5
22	A systematic review on the detection and monitoring of toxic gases using carbon nanotube-based biosensors. <i>Sensing and Bio-Sensing Research</i> , 2021, 34, 100463.	2.2	27
23	Fate and partitioning of heavy metals in soils from landfill sites in Cape Town, South Africa: a health risk approach to data interpretation. <i>Environmental Geochemistry and Health</i> , 2020, 42, 283-312.	1.8	8
24	A review of hexavalent chromium removal from aqueous solutions by sorption technique using nanomaterials. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104503.	3.3	94
25	Accumulation and risk assessment of metals in palm oil cultivated on contaminated oil palm plantation soils. <i>Toxicology Reports</i> , 2020, 7, 324-334.	1.6	20
26	Synthetic antioxidants and metallic elements as additives/contaminants in virgin palm oil. <i>Asian Journal of Agriculture and Biology</i> , 2020, 8, 98-112.	1.4	0
27	Environmental Emissions Assessment of Coal and Refuse Derived Fuel Incineration Processes by Simulation. , 2018, , .		0
28	Process Simulation of Municipal Solid Waste Derived Pellet Gasification for Fuel Production. , 2018, , .		3
29	Trace elements and radionuclides in palm oil, soil, water, and leaves from oil palm plantations: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 1295-1315.	5.4	12
30	Size tunable synthesis of HDA and TOPO capped ZnSe nanoparticles via a facile aqueous/thermolysis hybrid solution route. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3880-3887.	1.1	3
31	An Assessment of the Bioavailability of Metals in Soils on Oil Palm Plantations in Nigeria. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1125-1140.	0.6	10
32	Thermochemical Conversion of Municipal Solid Waste " An Energy Potential and Thermal Degradation Behavior Study. <i>International Journal of Environmental Science and Development</i> , 2016, 7, 661-667.	0.2	7
33	Assessment of Heavy Metals Contamination at Cape Town Landfill Sites. <i>International Journal of Environmental Science and Development</i> , 2016, 7, 831-834.	0.2	1
34	Determination of the Level of Pesticides in Sediment and Water from the Lagos Lagoon. <i>Journal of Advanced Agricultural Technologies</i> , 2016, 3, 222-225.	0.2	2
35	An Evaluation of the Level of Synthetic Phenolic Antioxidants in Virgin Palm Oil. <i>International Journal of Electrical Energy</i> , 2015, 1, .	0.4	2
36	DETERMINATION OF TRACE AND MAJOR ELEMENTS IN WATER ON OIL PALM PLANTATIONS BY INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROMETRY. <i>Instrumentation Science and Technology</i> , 2014, 42, 652-666.	0.9	2

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37	Facile synthesis of transparent and fluorescent epoxyâ€“CdSeâ€“CdSâ€“ZnS coreâ€“multi shell polymer nanocomposites. <i>New Journal of Chemistry</i> , 2014, 38, 155-162.	1.4	29
38	A facile non-organometallic synthesis of hexadecylamine-capped ZnSe nanoparticles. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 427-432.	1.9	7
39	Comparison of image fusion and focus function-based techniques for autofocusing in fluorescence microscopy for tuberculosis screening. <i>International Journal of Medical Engineering and Informatics</i> , 2013, 5, 177.	0.2	1
40	Image fusion for autofocusing in fluorescence microscopy for tuberculosis screening. , 2011, , .		1
41	Automated focusing in brightâ€“field microscopy for tuberculosis detection. <i>Journal of Microscopy</i> , 2010, 240, 155-163.	0.8	73
42	Estimation of adult patient doses for common diagnostic X-ray examinations in Rio de Janeiro, Brazil. <i>Physica Medica</i> , 2008, 24, 21-28.	0.4	14
43	ExposiÃ§Ã£o de pacientes e qualidade da imagem em radiografias de tÃ³rax: uma avaliaÃ§Ã£o crÃtica. <i>Radiologia Brasileira</i> , 2007, 40, 119-122.	0.3	7
44	Survey of doses and frequency of X-ray examinations on children at the intensive care unit of a large reference pediatric hospital. <i>Applied Radiation and Isotopes</i> , 2006, 64, 1637-1642.	0.7	8
45	Paediatric x-ray examinations in Rio de Janeiro. <i>Physics in Medicine and Biology</i> , 2006, 51, 3723-3732.	1.6	23
46	Estudo comparativo das tÃcnicas radiogrÃficas e doses entre o Brasil e a AustrÃlia. <i>Radiologia Brasileira</i> , 2005, 38, 343-346.	0.3	12
47	Radioactivity in milk consumed in Nigeria 10 years after Chernobyl reactor accident. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 422, 778-783.	0.7	15
48	Radioactivity in the community water supplies of Ife-Central and Ife-East local government areas of Osun State, Nigeria. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 422, 784-789.	0.7	22
49	Introductory Chapter: Radiation Exposure, Dose and Protection. , 0, , .		1
50	Utility of bionanocomposites for wastewater treatment. , 0, , .		2
51	Assessment of the Velocity of Rotating Particles in a Cylindrical Channel and its Effects on the Sorption of Fluoride Ions Using the In-Line Particle Shadow Velocimetry Method. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0