

Robert Birundu Onyancha

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensing Applications of Electrode Materials. <i>Engineering Materials</i> , 2022, , 187-231.	0.3	4
2	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
3	A Facile Review on the Sorption of Heavy Metals and Dyes Using Bionanocomposites. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	28
4	A Methodical Review on Carbon-Based Nanomaterials in Energy-Related Applications. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	22
5	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
6	Development of a Wireless Sensor Network and IoT-based Smart Irrigation System. <i>Applied and Environmental Soil Science</i> , 2022, 2022, 1-13.	0.8	11
7	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
8	Effect of hexavalent chromium on the environment and removal techniques: A review. <i>Journal of Environmental Management</i> , 2021, 280, 111809.	3.8	169
9	Facile synthesis and applications of carbon nanotubes in heavy-metal remediation and biomedical fields: A comprehensive review. <i>Journal of Molecular Structure</i> , 2021, 1238, 130462.	1.8	72
10	Environmental implications of petroleum spillages in the Niger Delta region of Nigeria: A review. <i>Journal of Environmental Management</i> , 2021, 293, 112872.	3.8	45
11	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
12	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
13	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
14	Removal of fluoride ions using a polypyrrole magnetic nanocomposite influenced by a rotating magnetic field. <i>RSC Advances</i> , 2020, 10, 595-609.	1.7	50
15	Novel normal-state low field microwave absorption in SmFeAsO _{1-x} F _x iron pnictide superconductors. <i>Solid State Communications</i> , 2020, 307, 113800.	0.9	1
16	Analyzing the uncertainties between reanalysis meteorological data and ground measured meteorological data. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 165, 108110.	2.5	23
17	Anomalous non-resonant microwave absorption in SmFeAs(O,F) polycrystalline sample. <i>Physica C: Superconductivity and Its Applications</i> , 2017, 533, 49-52.	0.6	3
18	Bionanomaterials for biosensor technology. , 0, , .		8