

Ekemena Oghenovoh Oseghe

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

536
citations

623734

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docs citations

23
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphitic Carbon Nitride: A Highly Electroactive Nanomaterial for Environmental and Clinical Sensing. <i>Sensors</i> , 2020, 20, 5743.	3.8	60
2	Facile microwave synthesis of pine cone derived C-doped TiO ₂ for the photodegradation of tetracycline hydrochloride under visible-LED light. <i>Journal of Environmental Management</i> , 2018, 223, 860-867.	7.8	54
3	Photocatalytic degradation of 4-chloro-2-methylphenoxyacetic acid using W-doped TiO ₂ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 312, 96-106.	3.9	46
4	Multi-dimensional applications of graphitic carbon nitride nanomaterials – A review. <i>Journal of Molecular Liquids</i> , 2021, 344, 117820.	4.9	46
5	Synthesis and Biological Studies of Novel Biphenyl-3,5-dihydro-2H-thiazolopyrimidines Derivatives. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 334-340.	0.2	37
6	Effect of surfactant concentration on active species generation and photocatalytic properties of TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 288-297.	20.2	36
7	Ozone initiated dechlorination and degradation of trichlorophenol using Ce–Zr loaded metal oxides as catalysts. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 129-141.	20.2	35
8	Synthesis of mesoporous Mn/TiO ₂ nanocomposites and investigating the photocatalytic properties in aqueous systems. <i>Environmental Science and Pollution Research</i> , 2015, 22, 211-222.	5.3	33
9	Sustainable Hydrothermal and Solvothermal Synthesis of Advanced Carbon Materials in Multidimensional Applications: A Review. <i>Materials</i> , 2021, 14, 5094.	2.9	31
10	Photocatalysis and biodegradation of pharmaceuticals in wastewater: effect of abiotic and biotic factors. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1701-1721.	4.1	25
11	Photocatalyzed ozonation by Ce doped TiO ₂ catalyst degradation of pesticide Dicamba in water. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 385-393.	3.2	23
12	Study on light emission diode/carbon modified TiO ₂ system for tetracycline hydrochloride degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 360, 242-248.	3.9	23
13	An efficient and stable narrow bandgap carbon dot-brookite composite over other CD-TiO ₂ polymorphs in rhodamine B degradation under LED light. <i>Ceramics International</i> , 2019, 45, 14173-14181.	4.8	17
14	One-Step Green Synthesis of Water-Soluble Fluorescent Carbon Dots and Its Application in the Detection of Cu ²⁺ . <i>Nanomaterials</i> , 2022, 12, 958.	4.1	17
15	A facile approach for the preparation of NiONPs@MnO ₂ NRs nanocomposite material and its photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	1.9	13
16	A review on water treatment technologies for the management of oxoanions: prospects and challenges. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61979-61997.	5.3	11
17	Photocatalytic H ₂ production and degradation of aqueous 2-chlorophenol over B/N-graphene-coated Cu ₀ /TiO ₂ : A DFT, experimental and mechanistic investigation. <i>Journal of Environmental Management</i> , 2022, 311, 114822.	7.8	11
18	Adsorption and desorption studies of Delonix regia pods and leaves: removal and recovery of Ni(II) and Cu(II) ions from aqueous solution. <i>Drinking Water Engineering and Science</i> , 2020, 13, 15-27.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Sonocatalytic degradation of amoxicillin from aquaculture effluent by zinc oxide nanoparticles. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100513.	2.9	5
20	Morphological Influence of TiO ₂ Nanostructures on Charge Transfer and Tetracycline Degradation Under LED Light. ChemistrySelect, 2020, 5, 1037-1040.	1.5	4
21	Fuzzy Logic Modeling of Contamination Degree of Ni and V Metal Species in Sediments from the Crude Oil Prospecting Area of the Ondo Coast, Nigeria. Human and Ecological Risk Assessment (HERA), 2012, 18, 902-918.	3.4	2
22	Synthesis, Characterization, and Application of TiO ₂ Nanoparticles – Effect of pH Adjusted Solvent. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	1
23	Photocatalytic Degradation of Tetracycline Using C/TiO ₂ Composites Synthesized via Different Hydrothermal Methods. , 2019, , 489-500.		0