

Getu Kassegn Weldegebrieral

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis method, antibacterial and photocatalytic activity of ZnO nanoparticles for azo dyes in wastewater treatment: A review. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108140.	3.9	218
2	Photocatalytic activity of CuO nanoparticles for organic and inorganic pollutants removal in wastewater remediation. <i>Chemosphere</i> , 2022, 300, 134623.	8.2	66
3	A comprehensive review on green synthesis of titanium dioxide nanoparticles and their diverse biomedical applications. <i>Green Processing and Synthesis</i> , 2022, 11, 44-63.	3.4	53
4	Photocatalytic and antibacterial activity of CuO nanoparticles biosynthesized using <i>Verbascum thapsus</i> leaves extract. <i>Optik</i> , 2020, 204, 164230.	2.9	49
5	Photocatalytic activity of biosynthesized Fe_3O_4 nanoparticles for the degradation of methylene blue and methyl orange dyes. <i>Optik</i> , 2021, 241, 167226.	2.9	33
6	Enhanced Photocatalytic Activity of rGO-CuO Nanocomposites for the Degradation of Organic Pollutants. <i>Catalysts</i> , 2021, 11, 1008.	3.5	26
7	Photocatalytic Efficiency of Titanium Dioxide for Dyes and Heavy Metals Removal from Wastewater. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 430-450.	1.1	19
8	Synthesis and process parametric effects on the photocatalyst efficiency of CuO nanostructures for decontamination of toxic heavy metal ions. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 173, 108814.	3.6	18
9	Synthesis, characterization, and photocatalytic activity of PPy/SnO ₂ nanocomposite. <i>Chemical Physics Letters</i> , 2021, 783, 139051.	2.6	16
10	Photocatalytic degradation of methylene blue dye under direct sunlight irradiation using SnO ₂ nanoparticles. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109547.	3.9	16
11	Enhanced gas sensing and photocatalytic activity of reduced graphene oxide loaded TiO ₂ nanoparticles. <i>Chemical Physics Letters</i> , 2021, 780, 138897.	2.6	12
12	Microwave-assisted synthesis, characterization and photocatalytic activity of mercury vanadate nanoparticles. <i>Inorganic Chemistry Communication</i> , 2021, 131, 108768.	3.9	10
13	Photocatalytic activity of CdO/ZnO nanocomposite for methylene blue dye and parameters optimisation using response surface methodology. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 6146-6168.	3.3	8
14	Hydrothermal Synthesis and Photocatalytic Activity of NiO Nanoparticles under Visible Light Illumination. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 340-349.	1.1	7