Getu Kassegn Weldegebrieal

List of Publications by Year
in descending order

14 papers	551 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	289 citing authors

#	Article	IF	Citations
1	Photocatalytic activity of CdO/ZnO nanocomposite for methylene blue dye and parameters optimisation using response surface methodology. International Journal of Environmental Analytical Chemistry, 2023, 103, 6146-6168.	3.3	8
2	A comprehensive review on green synthesis of titanium dioxide nanoparticles and their diverse biomedical applications. Green Processing and Synthesis, 2022, 11, 44-63.	3.4	53
3	Synthesis and process parametric effects on the photocatalyst efficiency of CuO nanostructures for decontamination of toxic heavy metal ions. Chemical Engineering and Processing: Process Intensification, 2022, 173, 108814.	3.6	18
4	Hydrothermal Synthesis and Photocatalytic Activity of NiO Nanoparticles under Visible Light Illumination. Bulletin of Chemical Reaction Engineering and Catalysis, 2022, 17, 340-349.	1.1	7
5	Photocatalytic activity of CuO nanoparticles for organic and inorganic pollutants removal in wastewater remediation. Chemosphere, 2022, 300, 134623.	8.2	66
6	Photocatalytic degradation of methylene blue dye under direct sunlight irradiation using SnO2 nanoparticles. Inorganic Chemistry Communication, 2022, 141, 109547.	3.9	16
7	Photocatalytic Efficiency of Titanium Dioxide for Dyes and Heavy Metals Removal from Wastewater. Bulletin of Chemical Reaction Engineering and Catalysis, 2022, 17, 430-450.	1.1	19
8	Enhanced Photocatalytic Activity of rGO-CuO Nanocomposites for the Degradation of Organic Pollutants. Catalysts, 2021, 11, 1008.	3.5	26
9	Photocatalytic activity of biosynthesized Î±-Fe2O3 nanoparticles for the degradation of methylene blue and methyl orange dyes. Optik, 2021, 241, 167226.	2.9	33
10	Microwave-assisted synthesis, characterization and photocatalytic activity of mercury vanadate nanoparticles. Inorganic Chemistry Communication, 2021, 131, 108768.	3.9	10
11	Enhanced gas sensing and photocatalytic activity of reduced graphene oxide loaded TiO2 nanoparticles. Chemical Physics Letters, 2021, 780, 138897.	2.6	12
12	Synthesis, characterization, and photocatalytic activity of PPy/SnO2 nanocomposite. Chemical Physics Letters, 2021, 783, 139051.	2.6	16
13	Synthesis method, antibacterial and photocatalytic activity of ZnO nanoparticles for azo dyes in wastewater treatment: A review. Inorganic Chemistry Communication, 2020, 120, 108140.	3.9	218
14	Photocatalytic and antibacterial activityof CuO nanoparticles biosynthesized using Verbascum thapsus leaves extract. Optik, 2020, 204, 164230.	2.9	49