

Drastic photocatalytic degradation of methylene blue d oxide as photocatalyst under visible light irradiation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A promising N-doped carbon-metal oxide hybrid electrocatalyst derived from crustaceanâ€™s shells: Oxygen reduction and oxygen evolution. <i>Applied Catalysis B: Environmental</i> , 2017, 214, 137-147.	10.8	45
2	Effective removal of methylene blue and cerium by a novel pair set of heteropoly acids based functionalized graphene oxide: Adsorption and photocatalytic study. <i>Chemical Engineering Research and Design</i> , 2017, 120, 303-315.	2.7	43
3	Facile oneâ€™step synthesis of Ndâ€™doped BiOCl nanoparticles with the excellent photocatalytic behavior. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 723-731.	0.8	4
4	Treated digested residue during anaerobic co-digestion of Agri-food organic waste: Methylene blue adsorption, mechanism and CCD-RSM design. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5857-5867.	3.3	63
5	A neodymium oxide nanoparticle-doped carbon felt as promising electrode for vanadium redox flow batteries. <i>Electrochimica Acta</i> , 2018, 268, 59-65.	2.6	67
6	Facile synthesis, characterization and photocatalytic performance of Zn ₃ (PO ₄) ₂ platelets toward photodegradation of Rhodamine B dye. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1840-1847.	3.3	72
7	Biosynthesis of ZrO ₂ nanoparticles from <i>Ficus benghalensis</i> leaf extract for photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14055-14064.	1.1	59
8	Response Surface Methodology Optimization for Photodegradation of Methylene Blue in a ZnO Coated Flat Plate Continuous Photoreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2018, 16, .	0.6	3
9	A comprehensive thermodynamic and kinetic study of synthesized rGO-ZrO ₂ composite as a photocatalyst and its use as fuel additive. <i>Journal of Molecular Structure</i> , 2019, 1198, 126869.	1.8	10
10	Innovative visible light photocatalytic activity for V-doped ZrO ₂ structure: optical, morphological, and magnetic properties. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 92, 628-640.	1.1	18
11	The effect of cobalt doping on the efficiency of semiconductor oxides in the photocatalytic water remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103475.	3.3	32
12	Microwave-Assisted ZrO ₂ Nanoparticles and Its Photocatalytic and Antibacterial Studies. <i>Journal of Cluster Science</i> , 2019, 30, 311-318.	1.7	64
13	Algal biochar reinforced trimetallic nanocomposite as adsorptional/photocatalyst for remediation of malachite green from aqueous medium. <i>Journal of Molecular Liquids</i> , 2019, 275, 499-509.	2.3	62
14	One-pot ultrasonic assisted sol-gel synthesis of spindle-like Nd and V codoped ZnO for efficient photocatalytic degradation of organic pollutants. <i>Separation and Purification Technology</i> , 2019, 212, 427-437.	3.9	47
15	Synthesis and characterization of Fe(NO ₃) ₂ -NiO composite as a photocatalyst for degradation of methylene blue dye under UV-irradiation. <i>Optik</i> , 2019, 177, 36-45.	1.4	9
16	Enhanced solar light driven hydrogen generation and environment remediation through Nd incorporated ZnIn ₂ S ₄ . <i>Renewable Energy</i> , 2020, 162, 2031-2040.	4.3	16
17	Effects of rare earth, transition and post transition metal ions on structural and optical properties and photocatalytic activities of zirconia (ZrO ₂) nanoparticles synthesized via the facile precipitation process. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 124, 114342.	1.3	40
18	Earth Abundant Metals as Cost Effective Alternatives in Photocatalytic Applications: A Review. <i>Advanced Materials Research</i> , 0, 1158, 133-146.	0.3	0

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19	Solvothermal synthesis of nanoscale disc-like gadolinium doped magnesium zirconate for highly efficient photocatalytic degradation of rhodamine B in water. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
20	Structural modifications and extended optical properties of Ni _{1-x} Co _x WO ₄ nanoparticles. <i>Journal of Solid State Chemistry</i> , 2020, 290, 121546.	1.4	4
21	Removal of the Methylene Blue Dye (MB) with Catalysts of Au-TiO ₂ : Kinetic and Degradation Pathway. <i>Modern Research in Catalysis</i> , 2021, 10, 1-14.	1.2	12
22	Cation-modified photocatalysts. , 2021, , 23-53.		1
23	Biosynthesis of zirconium oxide nanoparticles using <i>Wrightia tinctoria</i> leaf extract: Characterization, photocatalytic degradation and antibacterial activities. <i>Inorganic Chemistry Communication</i> , 2021, 127, 108507.	1.8	62
24	Multifunctional oil-produced reduced graphene oxide – Silver oxide composites with photocatalytic, antioxidant, and antibacterial activities. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 294-305.	5.0	34
25	Photocatalytic Degradation of Rhodamine B and Methylene Orange Using TiO ₂ -ZrO ₂ as Nanocomposite. <i>Catalysts</i> , 2021, 11, 1035.	1.6	17
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30	Rare earth doped metal oxide nanoparticles for photocatalysis: a perspective. <i>Nanotechnology</i> , 2022, 33, 142001.	1.3	90
31	Magnetically recoverable Nd _{0.7} Ca _{0.3} Mn ₁ -Ni O ₃ polygonal-shaped perovskite nanophotocatalysts for efficient visible-light degradation of methylene blue and tetracycline. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 169, 110860.	1.9	4
32	Extra-modification of zirconium dioxide for potential photocatalytic applications towards environmental remediation: A critical review. <i>Journal of Environmental Management</i> , 2023, 327, 116869.	3.8	12
33	Microstructure, Chemical Bonds, and Photocatalyst Activity of Neodymium-doped Strontium Titanate (Sr _{0.97} Nd _{0.03} TiO ₃) with 900Å°C and 1000Å°C Sintering Temperature. <i>Journal of Physics: Conference Series</i> , 2022, 2392, 012034.	0.3	1
36	Photocatalytic and Sensing Applications of Semiconductor Nanostructures. , 2023, , 29-57.		0