

La-doped ZnO nanoflower as photocatalyst for methylene blue degradation under UV irradiation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Drastic photocatalytic degradation of methylene blue dye by neodymium doped zirconium oxide as photocatalyst under visible light irradiation. <i>Optik</i> , 2016, 127, 10288-10296.	1.4	37
2	High dielectric constant, low loss and high photocatalytic activity in Gd doped ZnO systems. <i>Materials Research Express</i> , 2017, 4, 015904.	0.8	8
3	ZnO@Fe ₃ O ₄ @Au Hybrid Composites for Thioanisole Oxidation Under Visible Light: Experimental and Theoretical Studies. <i>Journal of Cluster Science</i> , 2017, 28, 1897-1922.	1.7	10
4	Effect of La doping on the lattice defects and photoluminescence properties of CuO. <i>Journal of Alloys and Compounds</i> , 2017, 709, 496-504.	2.8	73
5	Highly reactive lanthanum doped zinc oxide nanofiber photocatalyst for effective decontamination of methyl parathion. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12944-12955.	1.1	19
6	Morphologically-dependent photocatalytic and gas sensing application of Dy-doped ZnO nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017, 726, 1274-1285.	2.8	47
7	Physicochemical and photocatalytic studies of Ln ³⁺ - ZnO for water disinfection and wastewater treatment applications. <i>Journal of Molecular Structure</i> , 2017, 1149, 404-413.	1.8	27
8	Enhancement of photocatalytic activity in Nd doped ZnO with an increase in dielectric constant. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2147-2156.	1.1	29
9	High photocatalytic activity of lanthanum doped Bi ₂ MoO ₆ nanosheets with exposed (0 0 1) facets. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8617-8629.	1.1	8
10	<i>in vitro</i> biocompatibility, bioactivity and photoluminescence properties of Eu ³⁺ /Sr ²⁺ dual-doped nano-hydroxyapatite for biomedical applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2191-2201.	1.6	13
11	Influence of rare-earth metal on the zinc oxide nanostructures: application in the photocatalytic degradation of methylene blue and p-nitro phenol. <i>Green Processing and Synthesis</i> , 2018, 7, 360-371.	1.3	42
12	Nanoflower-like Yttrium-doped ZnO Photocatalyst for the Degradation of Methylene Blue Dye. <i>Photochemistry and Photobiology</i> , 2018, 94, 237-246.	1.3	64
13	Investigation on the effect of γ -irradiation on the dielectric and piezoelectric properties of stretchable PVDF/Fe ²⁺ -ZnO nanocomposites for self-powering devices. <i>Soft Matter</i> , 2018, 14, 8803-8813.	1.2	59
14	The effect of doping with rare earth elements (Sc, Y, and La) on the stability, structural, electronic and photocatalytic properties of the O-terminated ZnO surface; A first-principles study. <i>Applied Surface Science</i> , 2018, 457, 315-322.	3.1	28
15	Erbium-doped nanoparticles/films for enhancing percentage photodegradation of direct red-31 dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14960-14970.	1.1	7
16	Synthesis of ZnO and Nd doped ZnO polyscales for removal of rhodamine 6G dye under UV light irradiation. <i>Materials Research Express</i> , 2018, 5, 085501.	0.8	24
17	Photo-decontamination of p-nitrophenol using reusable lanthanum doped ZnO electrospun nanofiber catalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12109-12117.	1.1	15
18	Investigation of antimicrobial properties and <i>in vitro</i> bioactivity of Ce ³⁺ @Sr ²⁺ dual-substituted nano hydroxyapatites. <i>Journal of the American Ceramic Society</i> , 2019, 102, 144-157.	1.9	23

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19	Rapid synthesis of vertically-aligned zinc oxide nanorods on stainless steel for non-enzymatic glucose and H ₂ O ₂ photoelectrochemical sensor. <i>Applied Surface Science</i> , 2019, 480, 341-348.	3.1	33
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21	Vertically aligned zinc oxide nanosheet for high-performance photocatalysis of water pollutants. <i>Ceramics International</i> , 2019, 45, 16821-16828.	2.3	13
22	Investigation of the structural, optical and gas sensing properties of PANI coated Cu@ZnS microsphere composite. <i>RSC Advances</i> , 2020, 10, 26604-26612.	1.7	6
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24	Synthesis and characterisation of novel Cu(II)-anchored biopolymer complexes as reusable materials for the photocatalytic degradation of methylene blue. <i>RSC Advances</i> , 2020, 10, 18259-18279.	1.7	37
25	Lattice defects formulated ferromagnetism in nonmagnetic La (III) ion doped NiO nanostructures: Role of oxygen vacancy. <i>Journal of Alloys and Compounds</i> , 2020, 825, 154071.	2.8	33
26	Cerium-Oxide-Nanoparticle-Decorated Zinc Oxide with Enhanced Photocatalytic Degradation of Methyl Orange. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1697.	1.3	42
27	Characterization and photocatalysis of visible-light-driven Dy-doped ZnO nanoparticles synthesized by tartaric acid-assisted combustion method. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107944.	1.8	25
28	Colossal dielectric behavior in Al _{0.8} Cd _y La _{0.2-y} TiO ₃ (y = 0.01–0.04) nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8017-8032.	1.1	3
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30	Synthesis and characterization of 2-D La-doped Bi ₂ O ₃ for photocatalytic degradation of organic dye and pesticide. <i>Journal of Photochemistry and Photobiology</i> , 2021, 6, 100030.	1.1	28
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32	Enhancement of optical limiting performance in nanocrystalline La ³⁺ doped ZnO film. <i>Materials Science in Semiconductor Processing</i> , 2021, 133, 105931.	1.9	16
33	Lanthanide ions doped ZnO based photocatalysts. <i>Separation and Purification Technology</i> , 2021, 274, 118853.	3.9	26
34	Recent advances in structural modifications of photo-catalysts for organic pollutants degradation – A comprehensive review. <i>Chemosphere</i> , 2021, 284, 131263.	4.2	82
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38	Efficient Ni and Fe doping process in ZnO with enhanced photocatalytic activity: A theoretical and experimental investigation. Materials Research Bulletin, 2022, 152, 111849.	2.7	14
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43	A stable porous vessel for photocatalytic degradation of Azocarmine G dye. Microporous and Mesoporous Materials, 2022, 341, 111994.	2.2	9
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