

Mohtaram Danish

List of Publications by Year in descending order

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papers

506
citations

933447

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543
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#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of a Z-Scheme ZnIn ₂ S ₄ /MoO ₃ Heterojunction with Enhanced Photocatalytic Activity under Visible Light Irradiation. ACS Omega, 2020, 5, 8188-8199.	3.5	78
2	Photoelectrochemical and photocatalytic properties of Fe@ZnSQDs/TiO ₂ nanocomposites for degradation of different chromophoric organic pollutants in aqueous suspension. Advanced Composites and Hybrid Materials, 2020, 3, 570-582.	21.1	68
3	Semiconductor-mediated photocatalysed degradation of two selected priority organic pollutants, benzidine and 1,2-diphenylhydrazine, in aqueous suspension. Chemosphere, 2002, 49, 193-203.	8.2	58
4	Development of PANI/MWCNTs decorated with cobalt oxide nanoparticles towards multiple electrochemical, photocatalytic and biomedical application sites. New Journal of Chemistry, 2016, 40, 9448-9459.	2.8	58
5	Fabrication of visible light-responsive dual Z-Scheme (Î±-Fe ₂ O ₃ /CdS/g-C ₃ N ₄) ternary nanocomposites for enhanced photocatalytic performance and adsorption study in aqueous suspension. Journal of Environmental Chemical Engineering, 2021, 9, 105754.	6.7	43
6	Excellent visible-light-driven Ni-ZnS/g-C ₃ N ₄ photocatalyst for enhanced pollutants degradation performance: Insight into the photocatalytic mechanism and adsorption isotherm. Applied Surface Science, 2021, 563, 150262.	6.1	37
7	Thermally Activated Delayed Fluorescence (Green) in Undoped Film and Exciplex Emission (Blue) in Acridoneâ€“Carbazole Derivatives for OLEDs. Journal of Physical Chemistry C, 2019, 123, 1003-1014.	3.1	36
8	Facile synthesis of highly efficient Co@ZnSQDs/g-C ₃ N ₄ /MWCNT nanocomposites and their photocatalytic potential for the degradation of RhB dye: Efficiency, degradation kinetics, and mechanism pathway. Ceramics International, 2021, 47, 13043-13056.	4.8	35
9	Novel ZnSQDs-SnO ₂ /g-C ₃ N ₄ nanocomposite with enhanced photocatalytic performance for the degradation of different organic pollutants in aqueous suspension under visible light. Journal of Physics and Chemistry of Solids, 2021, 149, 109785.	4.0	28
10	Synthesis of Ph-Modified Graphitic Carbon Nitride for Degradation of Different Chromophoric Organic Pollutants in Aqueous Suspension under Visible Light. Langmuir, 2020, 36, 9719-9727.	3.5	18
11	Photocatalyzed reaction of indole in an aqueous suspension of titanium dioxide. Research on Chemical Intermediates, 2010, 36, 121-125.	2.7	10
12	TADF and exciplex emission in a xanthoneâ€“carbazole derivative and tuning of its electroluminescence with applied voltage. RSC Advances, 2019, 9, 40248-40254.	3.6	10
13	One-pot hydrothermal synthesis of a double Z-scheme g-C ₃ N ₄ /AgI/Î²-AgVO ₃ ternary nanocomposite for efficient degradation of organic pollutants and DPCâ€“Cr(VI) complex under visible-light irradiation. Photochemical and Photobiological Sciences, 2022, 21, 1371-1386.	2.9	9
14	Synthesized copper oxide nanoparticles <i>via</i> the <i>green</i> route act as antagonists to pathogenic root-knot nematode, <i>Meloidogyne incognita</i> . Green Chemistry Letters and Reviews, 2022, 15, 491-507.	4.7	9
15	Deep blue organic light-emitting diodes of 1,8-diaryl anthracene. Journal of Chemical Sciences, 2018, 130, 1.	1.5	5
16	Nanoassembly of Dipolar Imidazoanthraquinone Derivatives Leading to Enhanced Hole Mobility. Journal of Physical Chemistry C, 2018, 122, 25804-25812.	3.1	4
17	Photocatalysed Degradation of a Herbicide Derivative, Maleic Hydrazide in Aqueous Suspensions of TiO ₂ . Journal of Advanced Oxidation Technologies, 2004, 7, .	0.5	0