

# Mohtaram Danish

## List of Publications by Year in descending order

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17  
papers

506  
citations

933447

10  
h-index

940533

16  
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17  
all docs

17  
docs citations

17  
times ranked

543  
citing authors

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