

# Mitra Mousavi

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,747  
citations

236612

25  
h-index

276539

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on magnetically separable graphitic carbon nitride-based nanocomposites as promising visible-light-driven photocatalysts. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1719-1747.	1.1	462
2	Fabrication of novel magnetically separable nanocomposites using graphitic carbon nitride, silver phosphate and silver chloride and their applications in photocatalytic removal of different pollutants using visible-light irradiation. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 218-231.	5.0	381
3	Magnetically separable ternary g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /BiOI nanocomposites: Novel visible-light-driven photocatalysts based on graphitic carbon nitride. <i>Journal of Colloid and Interface Science</i> , 2016, 465, 83-92.	5.0	258
4	Boosting visible-light photocatalytic performance of g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> anchored with CoMoO <sub>4</sub> nanoparticles: Novel magnetically recoverable photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 368, 120-136.	2.0	143
5	Magnetically recoverable highly efficient visible-light-active g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>2</sub> WO <sub>4</sub> /AgBr nanocomposites for photocatalytic degradations of environmental pollutants. <i>Advanced Powder Technology</i> , 2018, 29, 94-105.	2.0	111
6	Deposition of CuWO <sub>4</sub> nanoparticles over g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> nanocomposite: Novel magnetic photocatalysts with drastically enhanced performance under visible-light. <i>Advanced Powder Technology</i> , 2018, 29, 1379-1392.	2.0	97
7	BiOBr and AgBr co-modified ZnO photocatalyst: A novel nanocomposite with p-n-n heterojunctions for highly effective photocatalytic removal of organic contaminants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 379, 11-23.	2.0	82
8	Novel ternary g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /MnWO <sub>4</sub> nanocomposites: Synthesis, characterization, and visible-light photocatalytic performance for environmental purposes. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1638-1651.	5.6	80
9	Computer Aided Drug Design for Multi-Target Drug Design: SAR /QSAR, Molecular Docking and Pharmacophore Methods. <i>Current Drug Targets</i> , 2017, 18, 556-575.	1.0	78
10	Fabrication of novel ZnO/BiOBr/C-Dots nanocomposites with considerable photocatalytic performances in removal of organic pollutants under visible light. <i>Advanced Powder Technology</i> , 2019, 30, 1197-1209.	2.0	69
11	Novel magnetically separable g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> nanocomposites: Visible-light-driven photocatalysts with highly enhanced activity. <i>Advanced Powder Technology</i> , 2017, 28, 1540-1553.	2.0	68
12	Decoration of Fe <sub>3</sub> O <sub>4</sub> and CoWO <sub>4</sub> nanoparticles over graphitic carbon nitride: Novel visible-light-responsive photocatalysts with exceptional photocatalytic performances. <i>Materials Research Bulletin</i> , 2018, 105, 159-171.	2.7	66
13	Ternary g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> nanocomposites: Novel magnetically separable visible-light-driven photocatalysts for efficiently degradation of dye pollutants. <i>Materials Chemistry and Physics</i> , 2015, 163, 421-430.	2.0	63
14	Integration of NiWO <sub>4</sub> and Fe <sub>3</sub> O <sub>4</sub> with graphitic carbon nitride to fabricate novel magnetically recoverable visible-light-driven photocatalysts. <i>Journal of Materials Science</i> , 2018, 53, 9046-9063.	1.7	62
15	Photocatalytic degradation of different pollutants by the novel gCN-NS/Black-TiO <sub>2</sub> heterojunction photocatalyst under visible light: Introducing a photodegradation model and optimization by response surface methodology (RSM). <i>Materials Chemistry and Physics</i> , 2021, 258, 123912.	2.0	60
16	Synthesis of novel p-n-p BiOBr/ZnO/BiOI heterostructures and their efficient photocatalytic performances in removals of dye pollutants under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112247.	2.0	59
17	In situ preparation of g-C <sub>3</sub> N <sub>4</sub> nanosheet/FeOCl: Achievement and promoted photocatalytic nitrogen fixation activity. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 538-549.	5.0	59
18	Novel p-n Heterojunction Nanocomposite: TiO <sub>2</sub> QDs/ZnBi <sub>2</sub> O <sub>4</sub> Photocatalyst with Considerably Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27519-27528.	1.5	54

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19	Exceptional photocatalytic activity for g-C <sub>3</sub> N <sub>4</sub> activated by H <sub>2</sub> O <sub>2</sub> and integrated with Bi <sub>2</sub> S <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub> nanoparticles for removal of organic and inorganic pollutants. <i>Advanced Powder Technology</i> , 2019, 30, 524-537.	2.0	52
20	BiOBr and BiOCl decorated on TiO <sub>2</sub> QDs: Impressively increased photocatalytic performance for the degradation of pollutants under visible light. <i>Advanced Powder Technology</i> , 2020, 31, 3582-3596.	2.0	39
21	Synthesis, characterization, and photocatalytic performance of Ag/AgFeO <sub>2</sub> decorated on g-C <sub>3</sub> N <sub>4</sub> -nanosheet under the visible light irradiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 115, 279-292.	2.7	35
22	Novel visible-light-responsive Black-TiO <sub>2</sub> /CoTiO <sub>3</sub> Z-scheme heterojunction photocatalyst with efficient photocatalytic performance for the degradation of different organic dyes and tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 121, 168-183.	2.7	34
23	High-impressive separation of photoinduced charge carriers on step-scheme ZnO/ZnSnO <sub>3</sub> /Carbon dots heterojunction with efficient activity in photocatalytic NH <sub>3</sub> production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 118, 140-151.	2.7	32
24	Synthesis and characterization of novel ZnO/NiCr <sub>2</sub> O <sub>4</sub> nanocomposite for water purification by degradation of tetracycline and phenol under visible light irradiation. <i>Materials Research Bulletin</i> , 2021, 139, 111247.	2.7	30
25	Novel ZnO/Ag <sub>3</sub> PO <sub>4</sub> /AgI photocatalysts: Preparation, characterization, and the excellent visible-light photocatalytic performances. <i>Materials Science in Semiconductor Processing</i> , 2020, 119, 105229.	1.9	28
26	Deposited CuBi <sub>2</sub> O <sub>4</sub> and Bi <sub>3</sub> ClO <sub>4</sub> nanoparticles on g-C <sub>3</sub> N <sub>4</sub> nanosheet: a promising visible light-induced photocatalyst toward the removal of tetracycline hydrochloride and rhodamine B. <i>Journal of Materials Science</i> , 2020, 55, 7775-7791.	1.7	27
27	A novel Z-scheme oxygen-doped g-C <sub>3</sub> N <sub>4</sub> nanosheet/NaBiS <sub>2</sub> nanoribbon for efficient photocatalytic H <sub>2</sub> O <sub>2</sub> production and organic pollutants degradation. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110588.	1.9	26
28	Novel magnetically separable g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>3</sub> VO <sub>4</sub> /Ag <sub>2</sub> CrO <sub>4</sub> nanocomposites as efficient visible-light-driven photocatalysts for degradation of water pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8532-8545.	1.1	23
29	Preparation of novel ternary TiO <sub>2</sub> QDs/CDs/AgI nanocomposites with superior visible-light induced photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 385, 112070.	2.0	23
30	Fabrication of S-scheme heterojunction g-C <sub>3</sub> N <sub>4</sub> -nanosheet/ZnMoO <sub>4</sub> nanocomposite with high efficiency in photocatalytic N <sub>2</sub> fixation and Cr(VI) detoxification. <i>Journal of Materials Science</i> , 2022, 57, 9145-9163.	1.7	17
31	Combination of Ag <sub>2</sub> CrO <sub>4</sub> and AgI semiconductors with g-C <sub>3</sub> N <sub>4</sub> : Novel nanocomposites with substantially improved photocatalytic performance under visible light. <i>Solid State Sciences</i> , 2018, 77, 62-73.	1.5	16
32	Novel p-n heterojunction photocatalyst synthesized by BiFeO <sub>3</sub> , ZnO, and BiOBr nanoparticles: facile preparation and high photocatalytic activity under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19764-19777.	1.1	12
33	Application of Multivariate Linear and Nonlinear Calibration and Classification Methods in Drug Design. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 795-808.	0.6	12
34	Determination and degradation of carbamazepine using g-C <sub>3</sub> N <sub>4</sub> @CuS nanocomposite as sensitive fluorescence sensor and efficient photocatalyst. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109512.	1.8	12
35	Preparation of a nonenzymatic electrochemical sensor based on a g-C <sub>3</sub> N <sub>4</sub> /MWO <sub>4</sub> (M: Cu, Mn, Co, Ni) composite for the determination of H <sub>2</sub> O <sub>2</sub> . <i>New Journal of Chemistry</i> , 2022, 46, 3766-3776.	1.4	10
36	In-situ construction of ZnO/Sb <sub>2</sub> MoO <sub>6</sub> nano-heterostructure for efficient visible-light photocatalytic conversion of N <sub>2</sub> to NH <sub>3</sub> . <i>Surfaces and Interfaces</i> , 2022, 30, 101844.	1.5	8

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37	Fabrication, characterization, and photocatalytic studies of novel ZnO/Ag <sub>3</sub> BiO <sub>3</sub> nanocomposites: impressive photocatalysts for degradation of some dyes. Journal of Materials Science: Materials in Electronics, 2021, 32, 2704-2718.	1.1	6
38	Effective and magnetically recoverable TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> /AgI nanocomposite for degradation dye pollutants under visible light illumination. Journal of Materials Science: Materials in Electronics, 2020, 31, 15546-15557.	1.1	1