

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	Preparation of a nonenzymatic electrochemical sensor based on a g-C ₃ N ₄ /MWO ₄ (M: Cu, Mn, Co, Ni) composite for the determination of H ₂ O ₂ . <i>New Journal of Chemistry</i> , 2022, 46, 3766-3776.	1.4	10
2	A novel Z-scheme oxygen-doped g-C ₃ N ₄ nanosheet/NaBiS ₂ nanoribbon for efficient photocatalytic H ₂ O ₂ production and organic pollutants degradation. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110588.	1.9	26
3	In-situ construction of ZnO/Sb ₂ MoO ₆ nano-heterostructure for efficient visible-light photocatalytic conversion of N ₂ to NH ₃ . <i>Surfaces and Interfaces</i> , 2022, 30, 101844.	1.5	8
4	Fabrication of S-scheme heterojunction g-C ₃ N ₄ -nanosheet/ZnMoO ₄ nanocomposite with high efficiency in photocatalytic N ₂ fixation and Cr(VI) detoxification. <i>Journal of Materials Science</i> , 2022, 57, 9145-9163.	1.7	17
5	Determination and degradation of carbamazepine using g-C ₃ N ₄ @CuS nanocomposite as sensitive fluorescence sensor and efficient photocatalyst. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109512.	1.8	12
6	In situ preparation of g-C ₃ N ₄ nanosheet/FeOCl: Achievement and promoted photocatalytic nitrogen fixation activity. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 538-549.	5.0	59
7	Photocatalytic degradation of different pollutants by the novel gCN-NS/Black-TiO ₂ 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
8	High-impressive separation of photoinduced charge carriers on step-scheme ZnO/ZnSnO ₃ /Carbon dots heterojunction with efficient activity in photocatalytic NH ₃ production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 118, 140-151.	2.7	32
9	Fabrication, characterization, and photocatalytic studies of novel ZnO/Ag ₃ BiO ₃ nanocomposites: impressive photocatalysts for degradation of some dyes. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 2704-2718.	1.1	6
10	Novel visible-light-responsive Black-TiO ₂ /CoTiO ₃ 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
11	Synthesis and characterization of novel ZnO/NiCr ₂ O ₄ 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
12	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
13	Novel p-n heterojunction photocatalyst synthesized by BiFeO ₃ , 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
14	Novel ZnO/Ag ₃ PO ₄ /AgI photocatalysts: Preparation, characterization, and the excellent visible-light photocatalytic performances. <i>Materials Science in Semiconductor Processing</i> , 2020, 119, 105229.	1.9	28
15	BiOBr and BiOCl decorated on TiO ₂ 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
16	Effective and magnetically recoverable TiO ₂ /Fe ₃ O ₄ /AgI nanocomposite for degradation dye pollutants under visible light illumination. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 15546-15557.	1.1	1
17	Novel n Heterojunction Nanocomposite: TiO ₂ QDs/ZnBi ₂ O ₄ Photocatalyst with Considerably Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27519-27528.	1.5	54
18	Synthesis, characterization, and photocatalytic performance of Ag/AgFeO ₂ decorated on g-C ₃ N ₄ -nanosheet under the visible light irradiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 115, 279-292.	2.7	35

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19	Deposited CuBi ₂ O ₄ and Bi ₃ ClO ₄ nanoparticles on g-C ₃ N ₄ 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
20	Preparation of novel ternary TiO ₂ 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
21	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
22	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
23	Exceptional photocatalytic activity for g-C ₃ N ₄ activated by H ₂ O ₂ and integrated with Bi ₂ S ₃ and Fe ₃ O ₄ nanoparticles for removal of organic and inorganic pollutants. <i>Advanced Powder Technology</i> , 2019, 30, 524-537.	2.0	52
24	Boosting visible-light photocatalytic performance of g-C ₃ N ₄ /Fe ₃ O ₄ anchored with CoMoO ₄ nanoparticles: Novel magnetically recoverable photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 368, 120-136.	2.0	143
25	Deposition of CuWO ₄ nanoparticles over g-C ₃ N ₄ /Fe ₃ O ₄ nanocomposite: Novel magnetic photocatalysts with drastically enhanced performance under visible-light. <i>Advanced Powder Technology</i> , 2018, 29, 1379-1392.	2.0	97
26	Combination of Ag ₂ CrO ₄ and AgI semiconductors with g-C ₃ N ₄ : Novel nanocomposites with substantially improved photocatalytic performance under visible light. <i>Solid State Sciences</i> , 2018, 77, 62-73.	1.5	16
27	Novel ternary g-C ₃ N ₄ /Fe ₃ O ₄ /MnWO ₄ 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
28	Decoration of Fe ₃ O ₄ and CoWO ₄ 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
29	Integration of NiWO ₄ and Fe ₃ O ₄ 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
30	Magnetically recoverable highly efficient visible-light-active g-C ₃ N ₄ /Fe ₃ O ₄ /Ag ₂ WO ₄ /AgBr nanocomposites for photocatalytic degradations of environmental pollutants. <i>Advanced Powder Technology</i> , 2018, 29, 94-105.	2.0	111
31	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
32	Novel magnetically separable g-C ₃ N ₄ /Fe ₃ O ₄ /Ag ₃ PO ₄ /Co ₃ O ₄ nanocomposites: Visible-light-driven photocatalysts with highly enhanced activity. <i>Advanced Powder Technology</i> , 2017, 28, 1540-1553.	2.0	68
33	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
34	Novel magnetically separable g-C ₃ N ₄ /Fe ₃ O ₄ /Ag ₃ VO ₄ /Ag ₂ CrO ₄ 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
35	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
36	Magnetically separable ternary g-C ₃ N ₄ /Fe ₃ O ₄ /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

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37	Ternary g-C ₃ N ₄ /Fe ₃ O ₄ /Ag ₃ VO ₄ 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
38	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