Min Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

23	1,734	516710 16	642732 23
papers	citations	h-index	g-index

23	23	23	2536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interfacial dual vacancies modulating electronic structure to promote the separation of photogenerated carriers for efficient CO2 photoreduction. Applied Surface Science, 2021, 551, 149305.	6.1	13
2	Construction of 2D/2D TiO2/g-C3N4 nanosheet heterostructures with improved photocatalytic activity. Materials Research Bulletin, 2020, 125, 110765.	5.2	39
3	Enhanced Photoelectrochemical Performance of g-C₃N₄/tiO₂ Heterostructure by the Cooperation of Oxygen Vacancy and Protonation Treatment. Journal of the Electrochemical Society, 2020, 167, 066513.	2.9	6
4	Effect of heterojunctions and phase-junctions on visible-light photocatalytic hydrogen evolution in BCN-TiO2 photocatalysts. Chemical Physics Letters, 2019, 727, 11-18.	2.6	20
5	Interfacial Construction of Zero-Dimensional/One-Dimensional g-C₃N₄ Nanoparticles/TiO₂ Nanotube Arrays with Z-Scheme Heterostructure for Improved Photoelectrochemical Water Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 2483-2491.	6.7	114
6	An oxygen-vacancy-rich Z-scheme g-C3N4/Pd/TiO2 heterostructure for enhanced visible light photocatalytic performance. Applied Surface Science, 2018, 440, 432-439.	6.1	53
7	Effect of annealing ambience on the formation of surface/bulk oxygen vacancies in TiO2 for photocatalytic hydrogen evolution. Applied Surface Science, 2018, 428, 640-647.	6.1	115
8	Interfacial oxygen vacancy layer of a Z-scheme BCNâ€“TiO₂ heterostructure accelerating charge carrier transfer for visible light photocatalytic H₂ evolution. Catalysis Science and Technology, 2018, 8, 3629-3637.	4.1	27
9	Effect of the calcination temperature on the visible light photocatalytic activity of direct contact Z-scheme g-C 3 N 4 -TiO 2 heterojunction. Applied Catalysis B: Environmental, 2017, 212, 106-114.	20.2	177
10	Z-scheme BCN-TiO2 nanocomposites with oxygen vacancy for high efficiency visible light driven hydrogen production. International Journal of Hydrogen Energy, 2017, 42, 28434-28444.	7.1	37
11	Enhanced visible light activity on direct contact Z-scheme g-C3N4-TiO2 photocatalyst. Applied Surface Science, 2017, 391, 184-193.	6.1	240
12	Facile synthesis of a conjugation-grafted-TiO2 nanohybrid with enhanced visible-light photocatalytic properties from nanotube titanic acid precursors. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	2
13	Enhanced Photocurrent and Photocatalytic Degradation of Methyl Orange by V-N Codoped TiO2Nanotube Arrays Cooperated with H2O2. Journal of the Electrochemical Society, 2015, 162, H557-H563.	2.9	13
14	Photocatalytic oxidation of propylene on La and N codoped TiO2 nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	10
15	Preparation of Cerium Modified Titanium Dioxide Nanoparticles and Investigation of Their Visible Light Photocatalytic Performance. International Journal of Photoenergy, 2014, 2014, 1-9.	2.5	11
16	Facile synthesis and enhanced visible light photocatalytic activity of N and Zr co-doped TiO2 nanostructures from nanotubular titanic acid precursors. Nanoscale Research Letters, 2013, 8, 543.	5.7	27
17	Enhanced Visible Light Photocatalytic Activity for TiO₂Nanotube Array Films by Codoping with Tungsten and Nitrogen. International Journal of Photoenergy, 2013, 2013, 1-8.	2.5	18
18	Fabrication of Mo+N-Codoped TiO₂Nanotube Arrays by Anodization and Sputtering for Visible Light-Induced Photoelectrochemical and Photocatalytic Properties. Journal of Nanomaterials, 2013, 2013, 1-9.	2.7	4

#	Article	IF	Citations
19	Facile synthesis and photocatalytic activity of platinum decorated TiO2â^'N : Perspective to oxygen vacancies and chemical state of dopants. Catalysis Communications, 2012, 20, 46-50.	3.3	32
20	Photoelectrochemical and photocatalytic properties of N+S co-doped TiO2 nanotube array films under visible light irradiation. Materials Chemistry and Physics, 2011, 129, 553-557.	4.0	95
21	Visible light active N-doped TiO2 prepared from different precursors: Origin of the visible light absorption and photoactivity. Applied Catalysis B: Environmental, 2011, 104, 268-274.	20.2	124
22	Enhanced visible light photocatalytic activity of N-doped TiO2 in relation to single-electron-trapped oxygen vacancy and doped-nitrogen. Applied Catalysis B: Environmental, 2010, 100, 84-90.	20.2	249
23	Effect of annealing temperature on morphology, structure and photocatalytic behavior of nanotubed H2Ti2O4(OH)2. Journal of Molecular Catalysis A, 2004, 217, 203-210.	4.8	308