Min Zhang

List of Publications by Year
in descending order

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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	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
2	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
3	Enhanced visible light activity on direct contact Z-scheme g-C3N4-TiO2 photocatalyst. Applied Surface Science, 2017, 391, 184-193.	6.1	240
4	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
5	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
6	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
7	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
8	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
9	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
10	Construction of 2D/2D TiO2/g-C3N4 nanosheet heterostructures with improved photocatalytic activity. Materials Research Bulletin, 2020, 125, 110765.	5.2	39
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Photocatalytic oxidation of propylene on La and N codoped TiO2 nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	10
21	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
22	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
23	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