

Hao Yin

List of Publications by Year in descending order

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20
papers

3,021
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

4150
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step synthesis of FeO(OH) nanoparticles by electric explosion of iron wire underwater. Defence Technology, 2022, 18, 133-139.	4.2	7
2	Synthesis of nano titanium oxide with controlled oxygen content using pulsed discharge in water. Advanced Powder Technology, 2020, 31, 986-992.	4.1	9
3	Shock-induced phase transition of g-C ₃ N ₄ to a new C ₃ N ₄ phase. Journal of Applied Physics, 2019, 126, .	2.5	9
4	Preparation of graphene by electrical explosion of graphite sticks. Nanoscale, 2017, 9, 10639-10646.	5.6	29
5	Black TiO ₂ based core-shell nanocomposites as doxorubicin carriers for thermal imaging guided synergistic therapy of breast cancer. Nanoscale, 2017, 9, 11195-11204.	5.6	46
6	Shock induced conversion of carbon dioxide to few layer graphene. Carbon, 2017, 115, 471-476.	10.3	17
7	Fabrication of visible-light-driven Ag/TiO ₂ heterojunction composites induced by shock wave. Journal of Alloys and Compounds, 2016, 679, 463-469.	5.5	29
8	Black Titania for Superior Photocatalytic Hydrogen Production and Photoelectrochemical Water Splitting. ChemCatChem, 2015, 7, 2614-2619.	3.7	73
9	Shock-wave synthesis of multilayer graphene and nitrogen-doped graphene materials from carbonate. Carbon, 2015, 94, 928-935.	10.3	29
10	Hydrogenated black TiO ₂ nanowires decorated with Ag nanoparticles as sensitive and reusable surface-enhanced Raman scattering substrates. RSC Advances, 2015, 5, 34737-34743.	3.6	33
11	Colored titania nanocrystals and excellent photocatalysis for water cleaning. Catalysis Communications, 2015, 60, 55-59.	3.3	41
12	Black TiO ₂ nanotube arrays for high-efficiency photoelectrochemical water-splitting. Journal of Materials Chemistry A, 2014, 2, 8612-8616.	10.3	355
13	Effective nonmetal incorporation in black titania with enhanced solar energy utilization. Energy and Environmental Science, 2014, 7, 967.	30.8	376
14	Visible-light photocatalytic, solar thermal and photoelectrochemical properties of aluminium-reduced black titania. Energy and Environmental Science, 2013, 6, 3007.	30.8	626
15	Black brookite titania with high solar absorption and excellent photocatalytic performance. Journal of Materials Chemistry A, 2013, 1, 9650.	10.3	175
16	Core-Shell Nanostructured Black-Rutile Titania as Excellent Catalyst for Hydrogen Production Enhanced by Sulfur Doping. Journal of the American Chemical Society, 2013, 135, 17831-17838.	13.7	425
17	H-doped Black Titania with Very High Solar Absorption and Excellent Photocatalysis Enhanced by Localized Surface Plasmon Resonance. Advanced Functional Materials, 2013, 23, 5444-5450.	14.9	621
18	Reaction synthesis of TiSi ₂ and Ti ₅ Si ₃ by ball-milling and shock loading and their photocatalytic activities. Journal of Alloys and Compounds, 2013, 555, 375-380.	5.5	18

#	ARTICLE	IF	CITATIONS
19	Gray TiO ₂ Nanowires Synthesized by Aluminum-Mediated Reduction and Their Excellent Photocatalytic Activity for Water Cleaning. Chemistry - A European Journal, 2013, 19, 13313-13316.	3.3	74
20	Synthesis of ultrafine titanium dioxide nanowires using hydrothermal method. Materials Research Bulletin, 2012, 47, 3124-3128.	5.2	29