Ping Niu

List of Publications by Year
in descending order

12	5,092	758635 12	1125271 13
papers	citations	h-index	g-index

14	14	14	6706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Grapheneâ€Like Carbon Nitride Nanosheets for Improved Photocatalytic Activities. Advanced Functional Materials, 2012, 22, 4763-4770.	7.8	3,009
2	Increasing the Visible Light Absorption of Graphitic Carbon Nitride (Melon) Photocatalysts by Homogeneous Selfâ€Modification with Nitrogen Vacancies. Advanced Materials, 2014, 26, 8046-8052.	11.1	658
3	Distinctive defects engineering in graphitic carbon nitride for greatly extended visible light photocatalytic hydrogen evolution. Nano Energy, 2018, 44, 73-81.	8.2	386
4	A red anatase TiO2 photocatalyst for solar energy conversion. Energy and Environmental Science, 2012, 5, 9603.	15.6	379
5	An Unusual Strong Visibleâ€Light Absorption Band in Red Anatase TiO₂ Photocatalyst Induced by Atomic Hydrogenâ€Occupied Oxygen Vacancies. Advanced Materials, 2018, 30, 1704479.	11.1	231
6	Switching the selectivity of the photoreduction reaction of carbon dioxide by controlling the band structure of a g-C₃N₄photocatalyst. Chemical Communications, 2014, 50, 10837.	2.2	192
7	High visible light photocatalytic activities obtained by integrating g-C3N4 with ferroelectric PbTiO3. Journal of Materials Science and Technology, 2021, 74, 128-135.	5.6	62
8	Homogeneous Doping of Substitutional Nitrogen/Carbon in TiO₂ Plates for Visible Light Photocatalytic Water Oxidation. Advanced Functional Materials, 2019, 29, 1901943.	7.8	61
9	Substitutional Carbonâ€Modified Anatase TiO₂ Decahedral Plates Directly Derived from Titanium Oxalate Crystals via Topotactic Transition. Advanced Materials, 2018, 30, e1705999.	11.1	46
10	Achieving maximum photo-oxidation reactivity of Cs0.68Ti1.83O4â^'xNx photocatalysts through valence band fine-tuning. Catalysis Science and Technology, 2011, 1, 222.	2.1	32
11	Photocatalytic overall water splitting of carbon nitride by band-structure modulation. Matter, 2021, 4, 1765-1767.	5.0	17
12	Crystallinity Modulation of Electron Acceptor in Oneâ€Photon Excitation Pathwayâ€Based Heterostructure for Visibleâ€Light Photocatalysis. Solar Rrl, 2022, 6, 2100901.	3.1	7