Yong Wang

List of Publications by Year
in descending order

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20 papers	609 citations	623734 14 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	613 citing authors

#	Article	IF	Citations
1	Introducing Spin Polarization into Mixedâ€Dimensional Van der Waals Heterostructures for <scp>Highâ€Efficiency Visibleâ€Light</scp> Photocatalysis. Energy and Environmental Materials, 2023, 6, .	12.8	8
2	Increased solar absorption and promoted photocarrier separation in atomically thin 2D carbon nitride sheets for enhanced visible-light photocatalysis. Chemical Engineering Journal, 2022, 431, 133219.	12.7	7
3	Trapezoidal Cantilever-Structure Triboelectric Nanogenerator Integrated with a Power Management Module for Low-Frequency Vibration Energy Harvesting. ACS Applied Materials & Interfaces, 2022, 14, 5497-5505.	8.0	20
4	Promoted photocarriers separation by straining in 2D/2D van der Waals heterostructures for high-efficiency visible-light photocatalysis. Materials Today Physics, 2022, 22, 100600.	6.0	13
5	Realizing strong visible-light absorption band for 2D crystalline carbon nitride sheets induced by extending Ï€-conjugation and introducing cyano groups. Materials Today Physics, 2022, 23, 100634.	6.0	7
6	Integrated unit-cell-thin MXene and Schottky electric field into piezo-photocatalyst for enhanced photocarrier separation and hydrogen evolution. Chemical Engineering Journal, 2022, 439, 135640.	12.7	25
7	Bridging and bonding: Zinc and potassium co-assisted crystalline g-C3N4 for significant highly efficient upon photocatalytic hydrogen evolution. Applied Surface Science, 2021, 542, 148620.	6.1	28
8	Structure, bandgap and photoluminescence of fluorinated reduced graphene oxide. Diamond and Related Materials, 2021, 114, 108342.	3.9	6
9	Introducing spin polarization into atomically thin 2D carbon nitride sheets for greatly extended visible-light photocatalytic water splitting. Nano Energy, 2021, 83, 105783.	16.0	42
10	Realization of Strong Room-Temperature Ferromagnetism in Atomically Thin 2D Carbon Nitride Sheets by Thermal Annealing. ACS Nano, 2021, 15, 12069-12076.	14.6	27
11	NIRâ€Activated Multimodal Photothermal/Chemodynamic/Magnetic Resonance Imaging Nanoplatform for Anticancer Therapy by Fe(II) Ions Doped MXenes (Feâ€Ti₃C₂). Small, 2021, 17, e2101705.	10.0	49
12	Universal Fluorination-Created Edge Câ€“F Groups in Networks of Multidimensional Carbon Materials. Journal of Physical Chemistry Letters, 2021, 12, 7026-7033.	4.6	6
13	Constructing van der Waals Heterogeneous Photocatalysts Based on Atomically Thin Carbon Nitride Sheets and Graphdiyne for Highly Efficient Photocatalytic Conversion of CO₂ into CO. ACS Applied Materials & Interfaces, 2021, 13, 40629-40637.	8.0	51
14	In-situ annealed â€œM-schemeâ€•MXene-based photocatalyst for enhanced photoelectric performance and highly selective CO2 photoreduction. Nano Energy, 2021, 90, 106532.	16.0	27
15	Synergy of dopants and defects in ultrathin 2D carbon nitride sheets to significantly boost the photocatalytic hydrogen evolution. Chemical Engineering Journal, 2020, 385, 123938.	12.7	28
16	Graphitic-nitrogen-enhanced ferromagnetic couplings in nitrogen-doped graphene. Physical Review B, 2020, 102, .	3.2	19
17	Realization of ultrathin red 2D carbon nitride sheets to significantly boost the photoelectrochemical water splitting performance of TiO2 photoanodes. Chemical Engineering Journal, 2020, 396, 125267.	12.7	16
18	Tunable water-soluble carbon nitride by alkali-metal cations modification: Enhanced ROS-evolving and adsorption band for photodynamic therapy. Applied Catalysis B: Environmental, 2020, 269, 118848.	20.2	40

#	Article	IF	Citations
19	Increasing Solar Absorption of Atomically Thin 2D Carbon Nitride Sheets for Enhanced Visibleâ€Light Photocatalysis. Advanced Materials, 2019, 31, e1807540.	21.0	166
20	Realization of Ambient-Stable Room-Temperature Ferromagnetism by Low-Temperature Annealing of Graphene Oxide Nanoribbons. ACS Nano, 2019, 13, 6341-6347.	14.6	24