# Yong Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/40983/publications.pdf

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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 | Increasing Solar Absorption of Atomically Thin 2D Carbon Nitride Sheets for Enhanced Visibleâ€Light Photocatalysis. Advanced Materials, 2019, 31, e1807540. | 21.0 | 166 |
| 2 | Constructing van der Waals Heterogeneous Photocatalysts Based on Atomically Thin Carbon Nitride Sheets and Graphdiyne for Highly Efficient Photocatalytic Conversion of CO<sub>2</sub> into CO. ACS Applied Materials & Interfaces, 2021, 13, 40629-40637. | 8.0 | 51 |
| 3 | NIRâ€Activated Multimodal Photothermal/Chemodynamic/Magnetic Resonance Imaging Nanoplatform for Anticancer Therapy by Fe(II) Ions Doped MXenes (Feâ€Ti<sub>3</sub>C<sub>2</sub>). Small, 2021, 17, e2101705. | 10.0 | 49 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 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 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Realization of Ambient-Stable Room-Temperature Ferromagnetism by Low-Temperature Annealing of Graphene Oxide Nanoribbons. ACS Nano, 2019, 13, 6341-6347. | 14.6 | 24 |
| 12 | 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 |
| 13 | Graphitic-nitrogen-enhanced ferromagnetic couplings in nitrogen-doped graphene. Physical Review B, 2020, 102, . | 3.2 | 19 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Structure, bandgap and photoluminescence of fluorinated reduced graphene oxide. Diamond and Related Materials, 2021, 114, 108342. | 3.9 | 6 |
| 20 | 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 |