

Ying Wang

List of Publications by Year in descending order

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53
papers

3,496
citations

218677

26
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient hydrogen evolution from water splitting on heptazine polymer with three types of defects. <i>Applied Surface Science</i> , 2022, 580, 152070.	6.1	7
2	Insight into the liquid adsorption of tobacco specific nitrosamines on ZIF-8. <i>Microporous and Mesoporous Materials</i> , 2022, 333, 111730.	4.4	7
3	<i>In situ</i> growth of MOF-derived sulfur vacancy-rich CdS nanoparticles on 2D polymers for highly efficient photocatalytic hydrogen generation. <i>Dalton Transactions</i> , 2022, 51, 5841-5858.	3.3	17
4	Constructing direct Z-scheme CuO/PI heterojunction for photocatalytic hydrogen evolution from water under solar driven. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9064-9076.	7.1	32
5	New environmental selective micro-mesoporous carbonaceous sorbent for eliminating tobacco specific nitrosamines and lead ion. <i>Microporous and Mesoporous Materials</i> , 2021, 318, 111037.	4.4	4
6	Sustainable sorbent derived from discarded cigarette butts for elimination of tobacco specific nitrosamines carcinogen. <i>Environmental Technology and Innovation</i> , 2021, 24, 101825.	6.1	5
7	Enhanced photocarrier separation in conjugated polymer engineered CdS for direct Z-scheme photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118131.	20.2	200
8	New versatile zincic sorbent for tobacco specific nitrosamines and lead ion capture. <i>Journal of Hazardous Materials</i> , 2020, 383, 121188.	12.4	6
9	A new triazine-based conjugated polymer from simple monomers with stable photocatalytic hydrogen evolution under visible light. <i>Polymer</i> , 2020, 211, 123079.	3.8	12
10	Ultrathin conjugated polymer nanosheets as highly efficient photocatalyst for visible light driven oxygen activation. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119228.	20.2	30
11	TiO ₂ as an interfacial-charge-transfer-bridge to construct eosin Y-mediated direct Z-scheme electron transfer over a Co ₉ S ₈ quantum dot/TiO ₂ photocatalyst. <i>Catalysis Science and Technology</i> , 2020, 10, 5267-5280.	4.1	48
12	Polyimide-based photocatalysts: rational design for energy and environmental applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14441-14462.	10.3	38
13	Porphyrin-containing Polyimide with Enhanced Light Absorption and Photocatalysis Activity. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2138-2148.	3.3	23
14	New efficient selective adsorbent of tobacco specific nitrosamines derived from discarded cigarette filters. <i>Microporous and Mesoporous Materials</i> , 2019, 284, 393-402.	4.4	23
15	Insight into the efficient TSNA capturer derived from zeolite H ⁺ . <i>Chemical Engineering Journal</i> , 2019, 369, 480-488.	12.7	4
16	Spatially separated cocatalysts for efficient charge separation: a hollow Pt/CdS/Ni-ZnO/CoOx graphene microtubule with high stability for photocatalytic reactions and sustainable recycling. <i>Catalysis Science and Technology</i> , 2019, 9, 6899-6908.	4.1	10
17	Efficiently capturing tobacco specific nitrosamines with H ⁺ zeolite in solution. <i>Journal of Hazardous Materials</i> , 2019, 365, 196-204.	12.4	16
18	Self-constructed facet junctions on hexagonal CdS single crystals with high photoactivity and photostability for water splitting. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 694-703.	20.2	93

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19	Zn-vacancy mediated electron-hole separation in ZnS/g-C3N4 heterojunction for efficient visible-light photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 41-51.	20.2	529
20	Solvothermal synthesis of porous conjugated polymer with high surface area for efficient adsorption of organic and biomolecules. <i>Journal of Porous Materials</i> , 2018, 25, 1659-1668.	2.6	5
21	Controllable Conformation Transfer of Conjugated Polymer toward High Photoelectrical Performance: The Role of Solvent in Induced-Crystallization Route. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1037-1043.	3.1	10
22	New activated carbon sorbent with the zeolite-like selectivity to capture tobacco-specific nitrosamines in solution. <i>Chemical Engineering Journal</i> , 2018, 339, 170-179.	12.7	23
23	Zinc vacancy-promoted photocatalytic activity and photostability of ZnS for efficient visible-light-driven hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 302-311.	20.2	427
24	Novel mesoporous composite with zeolite-like selectivity to capture tobacco specific nitrosamine NNK. <i>Chemical Engineering Journal</i> , 2018, 332, 331-339.	12.7	16
25	New shape-selectivity discovered on graphene-based materials in catching tobacco specific nitrosamines. <i>Journal of Hazardous Materials</i> , 2018, 358, 234-242.	12.4	16
26	Fabricating direct Z-scheme PTCDA/g-C3N4 photocatalyst based on interfacial strong interaction for efficient photooxidation of benzylamine. <i>Applied Surface Science</i> , 2018, 456, 861-870.	6.1	45
27	Architecture of high efficient zinc vacancy mediated Z-scheme photocatalyst from metal-organic frameworks. <i>Nano Energy</i> , 2018, 52, 105-116.	16.0	179
28	New sucker-type precise capturer of tobacco specific nitrosamines derived from the SBA-15 in situ modified with polyaniline. <i>Chemical Engineering Journal</i> , 2018, 354, 1174-1184.	12.7	15
29	Confinement effect of monolayer MoS ₂ quantum dots on conjugated polyimide and promotion of solar-driven photocatalytic hydrogen generation. <i>Dalton Transactions</i> , 2017, 46, 3877-3886.	3.3	72
30	Liquid adsorption and catalytic degradation of 4-methylnitrosamino-1-3-pyridyl-1-butanone (NNK) by zeolite. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 39-46.	4.4	17
31	Impact of proton: Capturing tobacco specific N-nitrosamines (TSNA) with HZSM-5 zeolite. <i>Chemical Engineering Journal</i> , 2017, 323, 180-190.	12.7	14
32	Creating an Optimal Microenvironment within Mesoporous Silica MCM-41 for Capture of Tobacco-Specific Nitrosamines in Solution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26805-26817.	8.0	19
33	A (001) dominated conjugated polymer with high-performance of hydrogen evolution under solar light irradiation. <i>Chemical Communications</i> , 2017, 53, 10536-10539.	4.1	47
34	Fabricating hydrophobic nanoparticles within mesoporous channel of silica for efficient TSNA removal. <i>Microporous and Mesoporous Materials</i> , 2017, 237, 237-245.	4.4	9
35	In situ growth MoO ₃ nanoflake on conjugated polymer: An advanced photocatalyst for hydrogen evolution from water solution under solar light. <i>Solar Energy Materials and Solar Cells</i> , 2016, 150, 102-111.	6.2	53
36	New Solid-Base Cu-MgO for CO ₂ Capture at 473 K and Removal of Nitrosamine. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30193-30204.	8.0	23

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37	Capturing tobacco specific N-nitrosamines (TSNA) in industrial tobacco extract solution by ZnO modified activated carbon. <i>Microporous and Mesoporous Materials</i> , 2016, 222, 160-168.	4.4	20
38	Constructing a High-Efficiency MoO ₃ /Polyimide Hybrid Photocatalyst Based on Strong Interfacial Interaction. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14628-14637.	8.0	97
39	Liquid adsorption of tobacco specific N-nitrosamines by zeolite and activated carbon. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 260-268.	4.4	28
40	Trapping tobacco specific N-nitrosamines in Chinese-Virginia type tobacco extracting solution by porous material. <i>Journal of Porous Materials</i> , 2014, 21, 311-320.	2.6	22
41	Developing high-efficiency I ⁻ conjugated polymer semiconductor for photocatalytic degradation of dyes under visible light irradiation. <i>RSC Advances</i> , 2014, 4, 57153-57158.	3.6	28
42	A novel porous MgO sorbent fabricated through carbon insertion. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12014-12022.	10.3	41
43	Sulfur-Doped Polyimide Photocatalyst with Enhanced Photocatalytic Activity under Visible Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4321-4328.	8.0	103
44	Melem: A metal-free unit for photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 13519-13526.	7.1	98
45	Molecule-induced gradient electronic potential distribution on a polymeric photocatalyst surface and improved photocatalytic performance. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5142.	10.3	35
46	Fabrication of a new MgO/C sorbent for CO ₂ capture at elevated temperature. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12919.	10.3	61
47	Bandgap modulation of polyimide photocatalyst for optimum H ₂ production activity under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 10768-10772.	7.1	78
48	Band Structure Engineering of Carbon Nitride: In Search of a Polymer Photocatalyst with High Photooxidation Property. <i>ACS Catalysis</i> , 2013, 3, 912-919.	11.2	450
49	Facile green synthesis of crystalline polyimide photocatalyst for hydrogen generation from water. <i>Journal of Materials Chemistry</i> , 2012, 22, 15519.	6.7	134
50	Novel phenol capturer derived from the as-synthesized MCM-41. <i>Journal of Hazardous Materials</i> , 2011, 190, 87-93.	12.4	22
51	Trapping the lead ion in multi-components aqueous solution by natural clinoptilolite. <i>Journal of Hazardous Materials</i> , 2010, 180, 282-288.	12.4	37
52	Developing a polymeric semiconductor photocatalyst with visible light response. <i>Chemical Communications</i> , 2010, 46, 7325.	4.1	132
53	Creating the adsorptive sites with high performance toward nitrosamines in mesoporous silica MCM-41 by alumina modifier. <i>Microporous and Mesoporous Materials</i> , 2009, 126, 143-151.	4.4	16