

Qing Han

List of Publications by Year in descending order

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57
papers

4,376
citations

172457

29
h-index

138484

58
g-index

58
all docs

58
docs citations

58
times ranked

5293
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step synthesis of hierarchical Ni ₃ Se ₂ nanosheet-on-nanorods/Ni foam electrodes for hybrid supercapacitors. Chinese Chemical Letters, 2022, 33, 475-479.	9.0	15
2	System Engineering Enhances Photoelectrochemical CO ₂ Reduction. Journal of Physical Chemistry C, 2022, 126, 1689-1700.	3.1	23
3	Analysis of thermal decomposition of acidified sediments in gold plants and harmless disposal of it. Journal of Hazardous Materials, 2022, 431, 128472.	12.4	1
4	A Crystalline Partially Fluorinated Triazine Covalent Organic Framework for Efficient Photosynthesis of Hydrogen Peroxide. Angewandte Chemie, 2022, 134, .	2.0	9
5	A Crystalline Partially Fluorinated Triazine Covalent Organic Framework for Efficient Photosynthesis of Hydrogen Peroxide. Angewandte Chemie - International Edition, 2022, 61, .	13.8	121
6	Few-layer carbon nitride photocatalysts for solar fuels and chemicals: Current status and prospects. Chinese Journal of Catalysis, 2022, 43, 1216-1229.	14.0	7
7	Discoidin domain receptor 1 promotes lung adenocarcinoma migration via the AKT/snail signaling axis. Molecular Biology Reports, 2022, 49, 7275-7286.	2.3	5
8	Polarization Engineering of Covalent Triazine Frameworks for Highly Efficient Photosynthesis of Hydrogen Peroxide from Molecular Oxygen and Water. Advanced Materials, 2022, 34, e2110266.	21.0	136
9	Progress and challenges in photocatalytic ammonia synthesis. Materials Advances, 2021, 2, 564-581.	5.4	32
10	Nitrogen and litter addition decreased sexual reproduction and increased clonal propagation in grasslands. Oecologia, 2021, 195, 131-144.	2.0	14
11	Planar Graphene-Based Microsupercapacitors. Small, 2021, 17, e2006827.	10.0	24
12	A membrane arm of mitochondrial complex I sufficient to promote respirasome formation. Cell Reports, 2021, 35, 108963.	6.4	9
13	Rapid determination of seven synthetic dyes in casual snacks based on packed-fibers solid-phase extraction coupled with HPLC-DAD. Food Chemistry, 2021, 347, 129026.	8.2	11
14	Electrocatalytic Methane Oxidation to Ethanol via Rh/ZnO Nanosheets. Journal of Physical Chemistry C, 2021, 125, 13324-13330.	3.1	24
15	Electrochemical Methane Conversion. Small Structures, 2021, 2, 2100037.	12.0	15
16	Lithiation-Enabled High-Density Nitrogen Vacancies Electrocatalyze CO ₂ to C ₂ Products. Advanced Materials, 2021, 33, e2103150.	21.0	48
17	Rational Design of High-Concentration Ti ³⁺ in Porous Carbon-Doped TiO ₂ Nanosheets for Efficient Photocatalytic Ammonia Synthesis. Advanced Materials, 2021, 33, e2008180.	21.0	155
18	A hierarchical heterojunction polymer aerogel for accelerating charge transfer and separation. Journal of Materials Chemistry A, 2021, 9, 7881-7887.	10.3	13

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19	Selective Separation and Analysis of Catecholamines in Urine Based on Magnetic Solid Phase Extraction by Mercaptophenylboronic Acid Functionalized Fe ₃ O ₄ -NH ₂ @Au Magnetic Nanoparticles Coupled with HPLC. <i>Separations</i> , 2021, 8, 196.	2.4	2
20	Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampere-Level Electrosynthesis of Formate from CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25741-25745.	13.8	66
21	Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampere-Level Electrosynthesis of Formate from CO ₂ . <i>Angewandte Chemie</i> , 2021, 133, 25945-25949.	2.0	19
22	Planar Graphene-Based Microsupercapacitors (Small 48/2021). <i>Small</i> , 2021, 17, .	10.0	1
23	Mesoporous Polymeric Cyanamide-Triazole-Heptazine Photocatalysts for Highly Efficient Water Splitting. <i>Small</i> , 2020, 16, e2003162.	10.0	27
24	Semiconductor photocatalysis to engineering deuterated N-alkyl pharmaceuticals enabled by synergistic activation of water and alkanols. <i>Nature Communications</i> , 2020, 11, 4722.	12.8	41
25	Functional group defect design in polymeric carbon nitride for photocatalytic application. <i>APL Materials</i> , 2020, 8, .	5.1	16
26	2D-layered Ti ₃ C ₂ MXenes for promoted synthesis of NH ₃ on P25 photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2020, 273, 119054.	20.2	111
27	Synergistic oxygen substitution and heterostructure construction in polymeric semiconductors for efficient water splitting. <i>Nanoscale</i> , 2020, 12, 13484-13490.	5.6	28
28	Hierarchical ZnO@Hybrid Carbon Core-Shell Nanowire Array on a Graphene Fiber Microelectrode for Ultrasensitive Detection of 2,4,6-Trinitrotoluene. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8547-8554.	8.0	18
29	Conductive Li _{3.08} Cr _{0.02} Si _{0.09} V _{0.9} O ₄ Anode Material: Novel Zero-Strain Characteristic and Superior Electrochemical Li ⁺ Storage. <i>Advanced Energy Materials</i> , 2020, 10, 1904267.	19.5	53
30	A 3D-graphene fiber electrode embedded with nitrogen-rich-carbon-coated ZIF-67 for the ultrasensitive detection of adrenaline. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5291-5295.	5.8	28
31	Ultra-small dispersed Cu _x O nanoparticles on graphene fibers for miniaturized electrochemical sensor applications. <i>RSC Advances</i> , 2019, 9, 28207-28212.	3.6	7
32	Graphene Fibers: Advancing Applications in Sensor, Energy Storage and Conversion. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 535-547.	3.8	17
33	A three-dimensional hollow graphene fiber microelectrode with shrink-effect-enabled enzyme immobilization for sensor applications. <i>Science Bulletin</i> , 2019, 64, 718-722.	9.0	12
34	A Type of 1 nm Molybdenum Carbide Confined within Carbon Nanomesh as Highly Efficient Bifunctional Electrocatalyst. <i>Advanced Functional Materials</i> , 2018, 28, 1705967.	14.9	78
35	(111) Facets-Oriented Au-Decorated Carbon Nitride Nanoplatelets for Visible-Light-Driven Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38066-38072.	8.0	39
36	Wall-Mesoporous Graphitic Carbon Nitride Nanotubes for Efficient Photocatalytic Hydrogen Evolution. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3160-3164.	3.3	22

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37	Significant Enhancement of Visible-Light-Driven Hydrogen Evolution by Structure Regulation of Carbon Nitrides. ACS Nano, 2018, 12, 5221-5227.	14.6	194
38	Interactions between Graphene-Based Materials and Water Molecules toward Actuator and Electricity-Generator Applications. Small Methods, 2018, 2, 1800108.	8.6	36
39	A Cut-Resistant and Highly Restorable Graphene Foam. Small, 2018, 14, e1801916.	10.0	9
40	Integrated graphene systems by laser irradiation for advanced devices. Nano Today, 2017, 12, 14-30.	11.9	78
41	Mesh-on-Mesh Graphitic C ₃ N ₄ @Graphene for Highly Efficient Hydrogen Evolution. Advanced Functional Materials, 2017, 27, 1606352.	14.9	145
42	Graphitic carbon nitride nanofibers in seaweed-like architecture for gas chromatographic separations. Journal of Chromatography A, 2017, 1496, 133-140.	3.7	14
43	Graphene/graphitic carbon nitride hybrids for catalysis. Materials Horizons, 2017, 4, 832-850.	12.2	168
44	An Effective Co-promoted Platinum of Co-Pt/SBA-15 Catalyst for Selective Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol. Catalysis Letters, 2016, 146, 1535-1543.	2.6	36
45	Oxidation degree of graphene reflected by morphology-tailored ZnO growth. Carbon, 2016, 107, 583-592.	10.3	3
46	Graphitic Carbon Nitride/Nitrogen-Rich Carbon Nanofibers: Highly Efficient Photocatalytic Hydrogen Evolution without Cocatalysts. Angewandte Chemie, 2016, 128, 11007-11011.	2.0	38
47	Graphitic Carbon Nitride/Nitrogen-Rich Carbon Nanofibers: Highly Efficient Photocatalytic Hydrogen Evolution without Cocatalysts. Angewandte Chemie - International Edition, 2016, 55, 10849-10853.	13.8	157
48	Effect of carbon nanosheets with different graphitization degrees as a support of noble metals on selective hydrogenation of cinnamaldehyde. RSC Advances, 2016, 6, 98356-98364.	3.6	23
49	Atomically Thin Mesoporous Nanomesh of Graphitic C ₃ N ₄ for High-Efficiency Photocatalytic Hydrogen Evolution. ACS Nano, 2016, 10, 2745-2751.	14.6	866
50	Synergistic effect of Mo ₂ N and Pt for promoted selective hydrogenation of cinnamaldehyde over Pt-Mo ₂ N/SBA-15. Catalysis Science and Technology, 2016, 6, 2403-2412.	4.1	58
51	A Graphitic C ₃ N ₄ "Seaweed" Architecture for Enhanced Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 11433-11437.	13.8	433
52	Sulfur-doped graphitic carbon nitride decorated with graphene quantum dots for an efficient metal-free electrocatalyst. Journal of Materials Chemistry A, 2015, 3, 1841-1846.	10.3	229
53	One-step preparation of iodine-doped graphitic carbon nitride nanosheets as efficient photocatalysts for visible light water splitting. Journal of Materials Chemistry A, 2015, 3, 4612-4619.	10.3	232
54	Facile production of ultrathin graphitic carbon nitride nanoplatelets for efficient visible-light water splitting. Nano Research, 2015, 8, 1718-1728.	10.4	154

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55	Graphitic C ₃ N ₄ -Pt nanohybrids supported on a graphene network for highly efficient methanol oxidation. <i>Science China Materials</i> , 2015, 58, 21-27.	6.3	34
56	Spontaneous formation of Cu ₂ O@g-C ₃ N ₄ core-shell nanowires for photocurrent and humidity responses. <i>Nanoscale</i> , 2015, 7, 9694-9702.	5.6	54
57	Selective Hydrogenation of Cinnamaldehyde to Cinnamal Alcohol over Platinum/Graphene Catalysts. <i>ChemCatChem</i> , 2014, 6, 3246-3253.	3.7	80