Xuxu Wang

List of Publications by Year
in descending order

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124	8,618	36203	46693
papers	citations	51 h-index	89 g-index

125	125	125	8499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monolayered Bi2WO6 nanosheets mimicking heterojunction interface with open surfaces for photocatalysis. Nature Communications, 2015, 6, 8340.	5.8	578
2	Visible-Light Driven Overall Conversion of CO₂ and H₂O to CH₄ and O₂ on 3D-SiC@2D-MoS₂ Heterostructure. Journal of the American Chemical Society, 2018, 140, 14595-14598.	6.6	361
3	Relationship between Oxygen Defects and the Photocatalytic Property of ZnO Nanocrystals in Nafion Membranes. Langmuir, 2009, 25, 1218-1223.	1.6	312
4	In situ construction of S-scheme AgBr/BiOBr heterojunction with surface oxygen vacancy for boosting photocatalytic CO2 reduction with H2O. Applied Catalysis B: Environmental, 2022, 301, 120802.	10.8	289
5	Amorphous NiO as co-catalyst for enhanced visible-light-driven hydrogen generation over g-C 3 N 4 photocatalyst. Applied Catalysis B: Environmental, 2018, 222, 35-43.	10.8	252
6	Photocatalytic reduction of CO2 on BiOXï¼š Effect of halogen element type and surface oxygen vacancy mediated mechanism. Applied Catalysis B: Environmental, 2020, 274, 119063.	10.8	243
7	Simple solvothermal routes to synthesize nanocrystalline Bi2MoO6 photocatalysts with different morphologies. Acta Materialia, 2007, 55, 4699-4705.	3.8	217
8	Gold plasmon-induced photocatalytic dehydrogenative coupling of methane to ethane on polar oxide surfaces. Energy and Environmental Science, 2018, 11, 294-298.	15.6	202
9	Direct and indirect Z-scheme heterostructure-coupled photosystem enabling cooperation of CO2 reduction and H2O oxidation. Nature Communications, 2020, 11, 3043.	5.8	200
10	BiVO4 /Bi4Ti3O12 heterojunction enabling efficient photocatalytic reduction of CO2 with H2O to CH3OH and CO. Applied Catalysis B: Environmental, 2020, 270, 118876.	10.8	179
11	Gold-plasmon enhanced solar-to-hydrogen conversion on the {001} facets of anatase TiO2 nanosheets. Energy and Environmental Science, 2014, 7, 973.	15.6	159
12	Persian buttercup-like BiOBrxCl1-x solid solution for photocatalytic overall CO2 reduction to CO and O2. Applied Catalysis B: Environmental, 2019, 243, 734-740.	10.8	159
13	Surface oxygen vacancy and defect engineering of WO₃ for improved visible light photocatalytic performance. Catalysis Science and Technology, 2018, 8, 4399-4406.	2.1	158
14	Dual couples Bi metal depositing and Ag@AgI islanding on BiOI 3D architectures for synergistic bactericidal mechanism of E. coli under visible light. Applied Catalysis B: Environmental, 2017, 204, 1-10.	10.8	156
15	Controlled syntheses of cubic and hexagonal ZnIn2S4 nanostructures with different visible-light photocatalytic performance. Dalton Transactions, 2011, 40, 2607.	1.6	149
16	Bi₂MoO₆ Nanobelts for Crystal Facetâ€Enhanced Photocatalysis. Small, 2014, 10, 2791-2795.	5.2	145
17	Hot Ïâ€Electron Tunneling of Metalâ€“Insulatorâ€“COF Nanostructures for Efficient Hydrogen Production. Angewandte Chemie - International Edition, 2019, 58, 18290-18294.	7.2	138
18	Sulfur and potassium co-doped graphitic carbon nitride for highly enhanced photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2020, 273, 119050.	10.8	138

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19	Layered metalâ€“organic framework/graphene nanoarchitectures for organic photosynthesis under visible light. Journal of Materials Chemistry A, 2015, 3, 24261-24271.	5.2	130
20	Photocatalytic reduction of CO₂ with H₂O to CH₄ over ultrathin SnNb₂O₆ 2D nanosheets under visible light irradiation. Green Chemistry, 2016, 18, 1355-1363.	4.6	129
21	Oxygen vacancy-rich hierarchical BiOBr hollow microspheres with dramatic CO2 photoreduction activity. Journal of Colloid and Interface Science, 2021, 593, 231-243.	5.0	117
22	Photocatalytic reduction of CO₂ with H₂O to CH₄ on Cu(<scp>i</scp>) supported TiO₂ nanosheets with defective {001} facets. Physical Chemistry Chemical Physics, 2015, 17, 9761-9770.	1.3	110
23	Photocatalytic CO 2 reduction with H 2 O over LaPO 4 nanorods deposited with Pt cocatalyst. Applied Catalysis B: Environmental, 2015, 168-169, 458-464.	10.8	104
24	A Longâ€Lived Mononuclear Cyclopentadienyl Ruthenium Complex Grafted onto Anatase TiO₂ for Efficient CO₂ Photoreduction. Angewandte Chemie - International Edition, 2016, 55, 8314-8318.	7.2	96
25	Plasmonic control of solar-driven CO2 conversion at the metal/ZnO interfaces. Applied Catalysis B: Environmental, 2019, 256, 117823.	10.8	95
26	Photocatalytic Reduction of CO₂ with H₂O Mediated by Ce-Tailored Bismuth Oxybromide Surface Frustrated Lewis Pairs. ACS Catalysis, 2022, 12, 4016-4025.	5.5	95
27	Vacuum heat-treatment of carbon nitride for enhancing photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2014, 2, 17797-17807.	5.2	94
28	CdS nanoparticles/CeO2 nanorods composite with high-efficiency visible-light-driven photocatalytic activity. Applied Surface Science, 2016, 363, 154-160.	3.1	94
29	Single-site Sn-grafted Ru/TiO2 photocatalysts for biomass reforming: Synergistic effect of dual co-catalysts and molecular mechanism. Journal of Catalysis, 2013, 303, 141-155.	3.1	89
30	Layered C₃N₃S₃ Polymer/Graphene Hybrids as Metal-Free Catalysts for Selective Photocatalytic Oxidation of Benzylic Alcohols under Visible Light. ACS Catalysis, 2014, 4, 3302-3306.	5.5	89
31	LaOClâ€Coupled Polymeric Carbon Nitride for Overall Water Splitting through a Oneâ€Photon Excitation Pathway. Angewandte Chemie - International Edition, 2020, 59, 20919-20923.	7.2	87
32	CuI-BiOI/Cu film for enhanced photo-induced charge separation and visible-light antibacterial activity. Applied Catalysis B: Environmental, 2018, 235, 238-245.	10.8	85
33	A Longâ€Lived Mononuclear Cyclopentadienyl Ruthenium Complex Grafted onto Anatase TiO₂ for Efficient CO₂ Photoreduction. Angewandte Chemie, 2016, 128, 8454-8458.	1.6	80
34	Non-noble metal thickness-tunable Bi2MoO6 nanosheets for highly efficient visible-light-driven nitrobenzene reduction into aniline. Applied Catalysis B: Environmental, 2019, 259, 118087.	10.8	80
35	Openmouthed Î²-SiC hollow-sphere with highly photocatalytic activity for reduction of CO2 with H2O. Applied Catalysis B: Environmental, 2017, 206, 158-167.	10.8	79
36	Synthesis of caged iodine-modified ZnO nanomaterials and study on their visible light photocatalytic antibacterial properties. Applied Catalysis B: Environmental, 2019, 256, 117873.	10.8	79

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37	La₂Sn₂O₇ enhanced photocatalytic CO₂ reduction with H₂O by deposition of Au co-catalyst. RSC Advances, 2017, 7, 14186-14191.	1.7	77
38	Highâ€Rate, Tunable Syngas Production with Artificial Photosynthetic Cells. Angewandte Chemie - International Edition, 2019, 58, 7718-7722.	7.2	75
39	A direct Z-scheme Î±-Fe2O3/LaTiO2N visible-light photocatalyst for enhanced CO2 reduction activity. Applied Catalysis B: Environmental, 2021, 292, 120185.	10.8	73
40	Roomâ€Temperature Activation of H₂ by a Surface Frustrated Lewis Pair. Angewandte Chemie - International Edition, 2019, 58, 9501-9505.	7.2	72
41	Robust Photocatalytic H2O2 Production by Octahedral Cd3(C3N3S3)2 Coordination Polymer under Visible Light. Scientific Reports, 2015, 5, 16947.	1.6	71
42	Synergy of metal and nonmetal dopants for visible-light photocatalysis: a case-study of Sn and N co-doped TiO₂. Physical Chemistry Chemical Physics, 2016, 18, 9636-9644.	1.3	68
43	Defect engineering of metalâ€“oxide interface for proximity of photooxidation and photoreduction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10232-10237.	3.3	63
44	Iodine-modified nanocrystalline titania for photo-catalytic antibacterial application under visible light illumination. Applied Catalysis B: Environmental, 2015, 176-177, 36-43.	10.8	62
45	Accelerating charge transfer for highly efficient visible-light-driven photocatalytic H2 production: In-situ constructing Schottky junction via anchoring Ni-P alloy onto defect-rich ZnS. Applied Catalysis B: Environmental, 2020, 269, 118806.	10.8	62
46	Synthesis and photocatalytic hydrogen production of a novel photocatalyst LaCO3OH. Journal of Materials Chemistry A, 2013, 1, 6629.	5.2	61
47	Simultaneous enhancements in photoactivity and anti-photocorrosion of Z-scheme Mn0.25Cd0.75S/WO3 for solar water splitting. Applied Catalysis B: Environmental, 2020, 268, 118444.	10.8	60
48	Noble-metal-free Ni₃N/g-C₃N₄ photocatalysts with enhanced hydrogen production under visible light irradiation. Dalton Transactions, 2018, 47, 12188-12196.	1.6	59
49	Heterojunction: important strategy for constructing composite photocatalysts. Science Bulletin, 2017, 62, 599-601.	4.3	57
50	An amorphous CoS_x modified Mn_{0.5}Cd_{0.5}S solid solution with enhanced visible-light photocatalytic H₂-production activity. Catalysis Science and Technology, 2018, 8, 4122-4128.	2.1	57
51	Self-assembly synthesis of LaPO4 hierarchical hollow spheres with enhanced photocatalytic CO2-reduction performance. Nano Research, 2017, 10, 534-545.	5.8	56
52	In situhydrothermal etching fabrication of CaTiO₃on TiO₂nanosheets with heterojunction effects to enhance CO₂adsorption and photocatalytic reduction. Catalysis Science and Technology, 2019, 9, 336-346.	2.1	56
53	BiOBr/Bi2S3 heterojunction with S-scheme structureand oxygen defects: In-situ construction and photocatalytic behavior for reduction of CO2 with H2O. Journal of Colloid and Interface Science, 2022, 620, 407-418.	5.0	56
54	A heterostructured TiO₂â€“C₃N₄ support for gold catalysts: a superior preferential oxidation of CO in the presence of H₂ under visible light irradiation and without visible light irradiation. Catalysis Science and Technology, 2016, 6, 829-839.	2.1	50

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55	Zn defect-mediated Z-scheme electron-hole separation in AgIn5S8/ZnS heterojunction for enhanced visible-light photocatalytic hydrogen evolution. Applied Surface Science, 2020, 504, 144396.	3.1	48
56	Freestanding single layers of non-layered material Î³-Ga₂O₃ as an efficient photocatalyst for overall water splitting. Journal of Materials Chemistry A, 2017, 5, 9702-9708.	5.2	46
57	Ultrasmall NiS decorated HNb3O8 nanosheeets as highly efficient photocatalyst for H2 evolution reaction. Catalysis Today, 2019, 330, 195-202.	2.2	46
58	Visible light-driven decomposition of gaseous benzene on robust Sn²⁺-doped anatase TiO₂ nanoparticles. RSC Advances, 2014, 4, 34315-34324.	1.7	44
59	Photocatalytic reduction of CO2 to CO over the Tiâ€“Highly dispersed HZSM-5 zeolite containing Fe. Applied Catalysis B: Environmental, 2017, 203, 725-730.	10.8	44
60	Facile in situ growth of highly dispersed palladium on phosphotungstic-acid-encapsulated MIL-100(Fe) for the degradation of pharmaceuticals and personal care products under visible light. Nano Research, 2018, 11, 1109-1123.	5.8	44
61	Reconstructing Dualâ€Induced {0 0 1} Facets Bismuth Oxychloride Nanosheets Heterostructures: An Effective Strategy to Promote Photocatalytic Oxygen Evolution. Solar Rrl, 2019, 3, 1900059.	3.1	44
62	Compact carbon nitride based copolymer films with controllable thickness for photoelectrochemical water splitting. Journal of Materials Chemistry A, 2017, 5, 19062-19071.	5.2	43
63	Photochemical route for synthesizing Coâ€“P alloy decorated ZnIn₂S₄with enhanced photocatalytic H₂production activity under visible light irradiation. Nanoscale, 2018, 10, 19100-19106.	2.8	41
64	Phase Transition of Two-Dimensional Î²-Ga₂O₃ Nanosheets from Ultrathin Î³-Ga₂O₃ Nanosheets and Their Photocatalytic Hydrogen Evolution Activities. ACS Omega, 2018, 3, 14469-14476.	1.6	40
65	Simultaneous excitation of PdCl2 hybrid mesoporous g-C3N4 molecular/solid-state photocatalysts for enhancing the visible-light-induced oxidative removal of nitrogen oxides. Applied Catalysis B: Environmental, 2016, 184, 174-181.	10.8	39
66	Construction of a 2D/2D WO₃/LaTiO₂N Direct Z-Scheme Photocatalyst for Enhanced CO₂ Reduction Performance Under Visible Light. ACS Sustainable Chemistry and Engineering, 2021, 9, 13686-13694.	3.2	39
67	Efficient self-assembly synthesis of LaPO4/CdS hierarchical heterostructure with enhanced visible-light photocatalytic CO2 reduction. Applied Surface Science, 2020, 504, 144379.	3.1	38
68	A Template-Free Solution Route for the Synthesis of Well-Formed One-Dimensional Zn2GeO4 Nanocrystals and Its Photocatalytic Behavior. Inorganic Chemistry, 2013, 52, 6916-6922.	1.9	37
69	More efficiently enhancing photocatalytic activity by embedding Pt within anataseâ€“rutile TiO2 heterophase junction than exposing Pt on the outside surface. Journal of Catalysis, 2019, 372, 8-18.	3.1	37
70	Distortion of the Coordination Structure and High Symmetry of the Crystal Structure in In₄SnS₈ Microflowers for Enhancing Visible-Light Photocatalytic CO₂ Reduction. ACS Catalysis, 2021, 11, 11029-11039.	5.5	37
71	Heteroatomic Ni, Sn Clusters-Grafted Anatase TiO₂ Photocatalysts: Structure, Electron Delocalization, and Synergy for Solar Hydrogen Production. Journal of Physical Chemistry C, 2015, 119, 10478-10492.	1.5	35
72	Enhanced Photocatalytic Fuel Denitrification over TiO2/Î±-Fe2O3 Nanocomposites under Visible Light Irradiation. Scientific Reports, 2017, 7, 7858.	1.6	34

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73	HZSM-5 zeolites containing impurity iron species for the photocatalytic reduction of CO₂ with H₂O. Catalysis Science and Technology, 2016, 6, 7579-7585.	2.1	33
74	Electricâ€Fieldâ€Mediated Electron Tunneling of Supramolecular Naphthalimide Nanostructures for Biomimetic H₂ Production. Angewandte Chemie - International Edition, 2021, 60, 1235-1243.	7.2	33
75	Ni(OH)2 modified Mn0.5Cd0.5S with efficient photocatalytic H2 evolution activity under visible-light. International Journal of Hydrogen Energy, 2020, 45, 21532-21539.	3.8	32
76	Monolayer Bi₂W_{1â€“x}Mo_xO₆ Solid Solutions for Structural Polarity to Boost Photocatalytic Reduction of Nitrobenzene under Visible Light. ACS Sustainable Chemistry and Engineering, 2021, 9, 2465-2474.	3.2	32
77	Oxygen vacancy modulation of two-dimensional Î³-Ga₂O₃ nanosheets as efficient catalysts for photocatalytic hydrogen evolution. Nanoscale, 2018, 10, 21509-21517.	2.8	31
78	Hot Ï€â€Electron Tunneling of Metalâ€“Insulatorâ€“COF Nanostructures for Efficient Hydrogen Production. Angewandte Chemie, 2019, 131, 18458-18462.	1.6	31
79	Germanium and iron double-substituted ZnGa2O4 solid-solution photocatalysts with modulated band structure for boosting photocatalytic CO2 reduction with H2O. Applied Catalysis B: Environmental, 2020, 265, 118551.	10.8	31
80	A novel Zn2GeO4 superstructure for effective photocatalytic hydrogen generation. Journal of Materials Chemistry A, 2013, 1, 7798.	5.2	29
81	Engineering a highly dispersed co-catalyst on a few-layered catalyst for efficient photocatalytic H₂ evolution: a case study of Ni(OH)₂/HNb₃O₈ nanocomposites. Catalysis Science and Technology, 2017, 7, 5662-5669.	2.1	29
82	Metallic Pt and PtO₂ Dual-Cocatalyst-Loaded Binary Composite RGO-CN_x for the Photocatalytic Production of Hydrogen and Hydrogen Peroxide. ACS Sustainable Chemistry and Engineering, 2021, 9, 6380-6389.	3.2	29
83	Molecular pâ€“n heterojunction-enhanced visible-light hydrogen evolution over a N-doped TiO₂photocatalyst. Catalysis Science and Technology, 2017, 7, 2039-2049.	2.1	27
84	Graphitic carbon/carbon nitride hybrid as metal-free photocatalyst for enhancing hydrogen evolution. Applied Catalysis A: General, 2017, 546, 30-35.	2.2	27
85	Cobalt lactate complex as a hole cocatalyst for significantly enhanced photocatalytic H₂ production activity over CdS nanorods. Catalysis Science and Technology, 2018, 8, 1599-1605.	2.1	27
86	Self-assembled micro/nano-structured Zn2GeO4 hollow spheres: direct synthesis and enhanced photocatalytic activity. Journal of Materials Chemistry A, 2013, 1, 10622.	5.2	26
87	I-TiO2/PVC film with highly photocatalytic antibacterial activity under visible light. Colloids and Surfaces B: Biointerfaces, 2016, 144, 196-202.	2.5	26
88	Molecular Engineering of Fully Conjugated sp²Carbonâ€Linked Polymers for Highâ€Efficiency Photocatalytic Hydrogen Evolution. ChemSusChem, 2020, 13, 672-676.	3.6	26
89	Binuclear Î¼-hydroxo-bridged iron clusters derived from surface organometallic chemistry of ferrocene in cavities of HY zeolite: Local structure, bound sites, and catalytic reactivity. Journal of Catalysis, 2009, 264, 163-174.	3.1	23
90	Germanium-substituted Zn2TiO4 solid solution photocatalyst for conversion of CO2 into fuels. Journal of Catalysis, 2019, 371, 144-152.	3.1	23

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91	Polyvinyl pyrrolidone-coordinated ultrathin bismuth oxybromide nanosheets for boosting photoreduction of carbon dioxide via ligand-to-metal charge transfer. Journal of Colloid and Interface Science, 2022, 606, 1087-1100.	5.0	23
92	In situ growth of crystalline carbon nitride on LaOCl for photocatalytic overall water splitting. Journal of Materials Chemistry A, 2022, 10, 8252-8257.	5.2	23
93	Enhanced photocatalytic CO₂ conversion over LaPO₄ by introduction of CoCl₂ as a hole mediator. RSC Advances, 2016, 6, 34744-34747.	1.7	22
94	New Versatile Synthetic Route for the Preparation of Metal Phosphate Decorated Hydrogen Evolution Photocatalysts. Inorganic Chemistry, 2020, 59, 1566-1575.	1.9	22
95	One-step synthesis of mesoporous Ptâ€“Nb₂O₅ nanocomposites with enhanced photocatalytic hydrogen production activity. RSC Advances, 2016, 6, 96809-96815.	1.7	20
96	Potassium doped and nitrogen defect modified graphitic carbon nitride for boosted photocatalytic hydrogen production. International Journal of Hydrogen Energy, 2022, 47, 14044-14052.	3.8	20
97	Visible light photocatalytic H2-production activity of epitaxial Cu2ZnSnS4/ZnS heterojunction. Catalysis Communications, 2016, 85, 39-43.	1.6	18
98	Large-scale preparation of heterometallic chalcogenide MnSb₂S₄monolayer nanosheets with a high visible-light photocatalytic activity for H₂evolution. Chemical Communications, 2016, 52, 13381-13384.	2.2	18
99	Roomâ€Temperature Activation of H₂ by a Surface Frustrated Lewis Pair. Angewandte Chemie, 2019, 131, 9601-9605.	1.6	18
100	Regulation of the rutile/anatase TiO₂ heterophase interface by Ni₁₂P₅ to improve photocatalytic hydrogen evolution. Catalysis Science and Technology, 2020, 10, 3709-3719.	2.1	18
101	In situ photodeposition of amorphous Ni_xP on CdS nanorods for efficient visible-light photocatalytic H₂ generation. Catalysis Science and Technology, 2019, 9, 5394-5400.	2.1	17
102	Simple Fabrication of SnO₂ Quantumâ€dotâ€modified TiO₂ Nanorod Arrays with High Photoelectrocatalytic Activity for Overall Water Splitting. ChemPhysChem, 2018, 19, 2717-2723.	1.0	16
103	In situ construction of a heterojunction over the surface of a sandwich structure semiconductor for highly efficient photocatalytic H₂ evolution under visible light irradiation. Nanoscale, 2017, 9, 14423-14430.	2.8	15
104	Enhanced visible light photocatalytic H2 evolution over CeO2 loaded with Pt and CdS. Research on Chemical Intermediates, 2017, 43, 5103-5112.	1.3	15
105	One-step green conversion of benzyl bromide to aldehydes on NaOH-modified g-C₃N₄ with dioxygen under LED visible light. Catalysis Science and Technology, 2019, 9, 3270-3278.	2.1	15
106	CuxO modified La2Sn2O7 photocatalyst with enhanced photocatalytic CO2 reduction activity. Applied Surface Science, 2021, 568, 150985.	3.1	15
107	Photo-Fenton enhanced twin-reactor for simultaneously hydrogen separation and organic wastewater degradation. Applied Catalysis B: Environmental, 2021, 281, 119517.	10.8	14
108	Fabrication of 2H/3C-SiC heterophase junction nanocages for enhancing photocatalytic CO2 reduction. Journal of Colloid and Interface Science, 2022, 622, 31-39.	5.0	14

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109	Hot electrons in carbon nitride with ultralong lifetime and their application in reversible dynamic color displays. Cell Reports Physical Science, 2021, 2, 100516.	2.8	13
110	Cooperative hydrogen production and Câ^'C coupling organic synthesis in one photoredox cycle. Applied Catalysis B: Environmental, 2022, 302, 120812.	10.8	13
111	Highâ€Rate, Tunable Syngas Production with Artificial Photosynthetic Cells. Angewandte Chemie, 2019, 131, 7800-7804.	1.6	12
112	Enhanced bacterial disinfection by Culâ€"BiOI/rGO hydrogel under visible light irradiation. RSC Advances, 2021, 11, 20446-20456.	1.7	11
113	The effect of excitation wavelength on the photodeposition of Pt on polyhedron BiVO4 with exposing {010} and {110} facets for photocatalytic performance. Catalysis Communications, 2019, 123, 100-104.	1.6	10
114	LaOClâ€Coupled Polymeric Carbon Nitride for Overall Water Splitting through a Oneâ€Photon Excitation Pathway. Angewandte Chemie, 2020, 132, 21105-21109.	1.6	10
115	In situ Î±-Fe2O3 modified La2Ti2O7 with enhanced photocatalytic CO2 reduction activity. Catalysis Science and Technology, 0, , .	2.1	9
116	Construction of the Rutile/Anatase Micro-Heterophase Junction Photocatalyst from Anatase by Liquid Nitrogen Quenching Method. ACS Applied Energy Materials, 2021, 4, 10172-10186.	2.5	9
117	Photocatalytic Chlorination of Methane Using Alkali Chloride Solution. ACS Catalysis, 2022, 12, 7004-7013.	5.5	9
118	Sn²⁺ and Cu²⁺ Self-Codoped Cu₂ZnSnS₄ Nanosheets Switching from p-Type to n-Type Semiconductors for Visible-Light-Driven CO₂ Reduction. ACS Sustainable Chemistry and Engineering, 2022, 10, 8825-8834.	3.2	9
119	Interim Anatase Coating Layer Stabilizes Rutile@Cr_xO_y Photoanode for Visibleâ€Lightâ€Driven Water Oxidation. ChemPhysChem, 2015, 16, 1352-1355.	1.0	8
120	Multimetal tantalate CsBi2Ta5O16 for photocatalytic conversion of CO2 with H2O into CH4 and O2. Applied Surface Science, 2022, 588, 152933.	3.1	8
121	Post-synthetic regulation of the structure, morphology and photoactivity of graphitic carbon nitride by heat-vacuum treatment. Materials and Design, 2017, 114, 208-213.	3.3	7
122	Electricâ€Fieldâ€Mediated Electron Tunneling of Supramolecular Naphthalimide Nanostructures for Biomimetic H 2 Production. Angewandte Chemie, 2021, 133, 1255-1263.	1.6	6
123	Super-hydrophobic and photocatalytic antimicrobial activity of iodine-doped ZnO nanoarray films. New Journal of Chemistry, 2022, 46, 3140-3145.	1.4	6
124	Photochemistry of Nitrate Ion: Reduction by Formic Acid under UV Irradiation. Photochemistry and Photobiology, 2022, 98, 404-411.	1.3	2