

Kan Zhang

List of Publications by Year in descending order

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papers

8,799
citations

36303

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45317

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131
times ranked

11676
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Synthesis of Biphasic TiO ₂ –Reduced Graphene Oxide Nanocomposites with Highly Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2012, 4, 3893-3901.	8.0	509
2	Efficient photoelectrochemical hydrogen production from bismuth vanadate-decorated tungsten trioxide helix nanostructures. Nature Communications, 2014, 5, 4775.	12.8	367
3	Hierarchical MnCo-layered double hydroxides@Ni(OH) ₂ core–shell heterostructures as advanced electrodes for supercapacitors. Journal of Materials Chemistry A, 2017, 5, 1043-1049.	10.3	296
4	Water Splitting Progress in Tandem Devices: Moving Photolysis beyond Electrolysis. Advanced Energy Materials, 2016, 6, 1600602.	19.5	268
5	Exploiting Ru–Induced Lattice Strain in CoRu Nanoalloys for Robust Bifunctional Hydrogen Production. Angewandte Chemie - International Edition, 2021, 60, 3290-3298.	13.8	254
6	An order/disorder/water junction system for highly efficient co-catalyst-free photocatalytic hydrogen generation. Energy and Environmental Science, 2016, 9, 499-503.	30.8	241
7	Reduced graphene oxide–TiO ₂ nanocomposite with high photocatalytic activity for the degradation of rhodamine B. Journal of Molecular Catalysis A, 2011, 345, 101-107.	4.8	226
8	Black phosphorene as a hole extraction layer boosting solar water splitting of oxygen evolution catalysts. Nature Communications, 2019, 10, 2001.	12.8	222
9	Single-step solvothermal synthesis of mesoporous Ag–TiO ₂ –reduced graphene oxide ternary composites with enhanced photocatalytic activity. Nanoscale, 2013, 5, 5093.	5.6	204
10	Enhanced chemical interaction between TiO ₂ and graphene oxide for photocatalytic decolorization of methylene blue. Chemical Engineering Journal, 2012, 193-194, 203-210.	12.7	197
11	Exploiting Ru–Induced Lattice Strain in CoRu Nanoalloys for Robust Bifunctional Hydrogen Production. Angewandte Chemie, 2021, 133, 3327-3335.	2.0	189
12	Dual Oxygen and Tungsten Vacancies on a WO ₃ Photoanode for Enhanced Water Oxidation. Angewandte Chemie - International Edition, 2016, 55, 11819-11823.	13.8	178
13	Hydrogen Peroxide Production from Solar Water Oxidation. ACS Energy Letters, 2019, 4, 3018-3027.	17.4	170
14	Near-Complete Suppression of Oxygen Evolution for Photoelectrochemical H ₂ O Oxidative H ₂ O ₂ Synthesis. Journal of the American Chemical Society, 2020, 142, 8641-8648.	13.7	168
15	Energy Manipulation in Lanthanide–Doped Core–Shell Nanoparticles for Tunable Dual–Mode Luminescence toward Advanced Anti–Counterfeiting. Advanced Materials, 2020, 32, e2002121.	21.0	165
16	Unassisted photoelectrochemical water splitting exceeding 7% solar-to-hydrogen conversion efficiency using photon recycling. Nature Communications, 2016, 7, 11943.	12.8	144
17	Vertically Oriented MoS ₂ with Spatially Controlled Geometry on Nitrogenous Graphene Sheets for High–Performance Sodium–Ion Batteries. Advanced Energy Materials, 2018, 8, 1703300.	19.5	144
18	Unassisted photoelectrochemical water splitting beyond 5.7% solar-to-hydrogen conversion efficiency by a wireless monolithic photoanode/dye-sensitised solar cell tandem device. Nano Energy, 2015, 13, 182-191.	16.0	138

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19	Conformal Coating Strategy Comprising N-doped Carbon and Conventional Graphene for Achieving Ultrahigh Power and Cyclability of LiFePO ₄ . Nano Letters, 2015, 15, 6756-6763.	9.1	125
20	Ultrathin Bismuth Nanosheets for Stable Na-Ion Batteries: Clarification of Structure and Phase Transition by in Situ Observation. Nano Letters, 2019, 19, 1118-1123.	9.1	124
21	Homogeneous anchoring of TiO ₂ nanoparticles on graphene sheets for waste water treatment. Materials Letters, 2012, 81, 127-130.	2.6	116
22	Recent Developments in Polymeric Carbon Nitride-Derived Photocatalysts and Electrocatalysts for Nitrogen Fixation. ACS Catalysis, 2019, 9, 10260-10278.	11.2	116
23	Boosting Charge Transport in BiVO ₄ Photoanode for Solar Water Oxidation. Advanced Materials, 2022, 34, e2108178.	21.0	111
24	Comparison of catalytic activities for photocatalytic and sonocatalytic degradation of methylene blue in present of anatase TiO ₂ @CNT catalysts. Ultrasonics Sonochemistry, 2011, 18, 765-772.	8.2	109
25	Photoelectrochemical cells with tungsten trioxide/Mo-doped BiVO ₄ bilayers. Physical Chemistry Chemical Physics, 2012, 14, 11119.	2.8	107
26	Graphene/Acid Coassisted Synthesis of Ultrathin MoS ₂ Nanosheets with Outstanding Rate Capability for a Lithium Battery Anode. Inorganic Chemistry, 2013, 52, 9807-9812.	4.0	106
27	Controllable sulfuration engineered NiO nanosheets with enhanced capacitance for high rate supercapacitors. Journal of Materials Chemistry A, 2017, 5, 4543-4549.	10.3	105
28	Surface Localization of Defects in Black TiO ₂ : Enhancing Photoactivity or Reactivity. Journal of Physical Chemistry Letters, 2017, 8, 199-207.	4.6	97
29	Defect-Induced Epitaxial Growth for Efficient Solar Hydrogen Production. Nano Letters, 2017, 17, 6676-6683.	9.1	96
30	Highly Efficient Solar Water Splitting from Transferred TiO ₂ Nanotube Arrays. Nano Letters, 2015, 15, 5709-5715.	9.1	95
31	Solution-processed yolk-shell-shaped WO ₃ /BiVO ₄ heterojunction photoelectrodes for efficient solar water splitting. Journal of Materials Chemistry A, 2018, 6, 2585-2592.	10.3	95
32	Efficient Combination of Ga ₂ N ₄ and CDs for Enhanced Photocatalytic Performance: A Review of Synthesis, Strategies, and Applications. Small, 2021, 17, e2007523.	10.0	93
33	Double-Deck Inverse Opal Photoanodes: Efficient Light Absorption and Charge Separation in Heterojunction. Chemistry of Materials, 2014, 26, 5592-5597.	6.7	88
34	Tuning the charge transfer route by p-n junction catalysts embedded with CdS nanorods for simultaneous efficient hydrogen and oxygen evolution. Journal of Materials Chemistry A, 2015, 3, 4803-4810.	10.3	87
35	Modulating Epitaxial Atomic Structure of Antimonene through Interface Design. Advanced Materials, 2019, 31, e1902606.	21.0	84
36	Unconventional Pore and Defect Generation in Molybdenum Disulfide: Application in High-Rate Lithium-Ion Batteries and the Hydrogen Evolution Reaction. ChemSusChem, 2014, 7, 2489-2495.	6.8	82

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37	Tunable Bandgap Energy and Promotion of H ₂ O ₂ Oxidation for Overall Water Splitting from Carbon Nitride Nanowire Bundles. <i>Advanced Energy Materials</i> , 2016, 6, 1502352.	19.5	79
38	Enhanced photocatalytic performance of Bi ₂ WO ₆ by graphene supporter as charge transfer channel. <i>Separation and Purification Technology</i> , 2012, 86, 98-105.	7.9	77
39	Dual Oxygen and Tungsten Vacancies on a WO ₃ Photoanode for Enhanced Water Oxidation. <i>Angewandte Chemie</i> , 2016, 128, 11998-12002.	2.0	71
40	Inverse opal structured γ -Fe ₂ O ₃ on graphene thin films: enhanced photo-assisted water splitting. <i>Nanoscale</i> , 2013, 5, 1939.	5.6	70
41	Ultrathin tellurium dioxide: emerging direct bandgap semiconductor with high-mobility transport anisotropy. <i>Nanoscale</i> , 2018, 10, 8397-8403.	5.6	66
42	3D Covalent Organic Frameworks with Interpenetrated pcb Topology Based on 8-Connected Cubic Nodes. <i>Journal of the American Chemical Society</i> , 2022, 144, 5728-5733.	13.7	66
43	A two-photon tandem black phosphorus quantum dot-sensitized BiVO ₄ photoanode for solar water splitting. <i>Energy and Environmental Science</i> , 2022, 15, 672-679.	30.8	64
44	Graphene oxide papers with high water adsorption capacity for air dehumidification. <i>Scientific Reports</i> , 2017, 7, 9761.	3.3	63
45	Aligned Heterointerface-Induced 1Tâ€MoS ₂ Monolayer with Near-Ideal Gibbs Free for Stable Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1804903.	10.0	63
46	Overcoming Charge Collection Limitation at Solid/Liquid Interface by a Controllable Crystal Deficient Overlay. <i>Advanced Energy Materials</i> , 2017, 7, 1600923.	19.5	61
47	Delocalized Electron Accumulation at Nanorod Tips: Origin of Efficient H ₂ Generation. <i>Advanced Functional Materials</i> , 2016, 26, 4527-4534.	14.9	60
48	Synthesis of novel visible light responding vanadate/TiO ₂ heterostructure photocatalysts for application of organic pollutants. <i>Chemical Engineering Journal</i> , 2011, 175, 76-83.	12.7	58
49	Synthesis of nanostructured ZnO/Bi ₂ WO ₆ heterojunction for photocatalysis application. <i>Separation and Purification Technology</i> , 2012, 92, 115-120.	7.9	58
50	Sonodegradation and photodegradation of methyl orange by InVO ₄ /TiO ₂ nanojunction composites under ultrasonic and visible light irradiation. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 883-889.	8.2	54
51	Tailoring natural layered γ -phase antimony into few layer antimonene for Li storage with high rate capabilities. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3238-3243.	10.3	54
52	Disordered layers on WO ₃ nanoparticles enable photochemical generation of hydrogen from water. <i>Journal of Materials Chemistry A</i> , 2019, 7, 221-227.	10.3	54
53	Double 2-dimensional H ₂ -evolving catalyst tipped photocatalyst nanowires: A new avenue for high-efficiency solar to H ₂ generation. <i>Nano Energy</i> , 2017, 34, 481-490.	16.0	51
54	Understanding the positive effects of (Coâ€Pi) co-catalyst modification in inverse-opal structured γ -Fe ₂ O ₃ -based photoelectrochemical cells. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 12725-12732.	7.1	50

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55	Defect Dominated Hierarchical Ti-Metal-Organic Frameworks via a Linker Competitive Coordination Strategy for Toluene Removal. <i>Advanced Functional Materials</i> , 2021, 31, 2102511.	14.9	50
56	Graphene oxide-assisted production of carbon nitrides using a solution process and their photocatalytic activity. <i>Carbon</i> , 2014, 66, 119-125.	10.3	49
57	Heterogeneous Nucleation toward Polar-Solvent-Free, Fast, and One-Pot Synthesis of Highly Uniform Perovskite Quantum Dots for Wider Color Gamut Display. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800010.	3.7	49
58	Strategy for Boosting Li-Ion Current in Silicon Nanoparticles. <i>ACS Energy Letters</i> , 2018, 3, 2252-2258.	17.4	49
59	Artificial photosynthesis for high-value-added chemicals: Old material, new opportunity. , 2022, 4, 21-44.		49
60	A magnetic field assisted self-assembly strategy towards strongly coupled Fe ₃ O ₄ nanocrystal/rGO paper for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9636.	10.3	48
61	Rapid sonochemical synthesis of irregular nanolaminar-like Bi ₂ WO ₆ as efficient visible-light-active photocatalysts. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 209-215.	8.2	47
62	Engineering of 2D/2D MoS ₂ /Cd _x Zn _{1-x} S Photocatalyst for Solar H ₂ Evolution Coupled with Degradation of Plastic in Alkaline Solution. <i>Solar Rrl</i> , 2021, 5, 2000427.	5.8	46
63	Multiple Heterojunction in Single Titanium Dioxide Nanoparticles for Novel Metal-Free Photocatalysis. <i>Nano Letters</i> , 2018, 18, 4257-4262.	9.1	45
64	Two-dimensional transition metal diborides: promising Dirac electrocatalysts with large reaction regions toward efficient N ₂ fixation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25887-25893.	10.3	45
65	Si-Mn/Reduced Graphene Oxide Nanocomposite Anodes with Enhanced Capacity and Stability for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1702-1708.	8.0	44
66	Continuous Oxygen Vacancy Gradient in TiO ₂ Photoelectrodes by a Photoelectrochemical-Driven Self-Purification Process. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	42
67	Tuning Selectivity of Photoelectrochemical Water Oxidation via Facet-Engineered Interfacial Energetics. <i>ACS Energy Letters</i> , 2021, 6, 4071-4078.	17.4	39
68	Constructing inverse opal structured hematite photoanodes via electrochemical process and their application to photoelectrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11717.	2.8	38
69	Core-Shelled Low-Oxidation State Oxides@Reduced Graphene Oxides Cubes via Pressurized Reduction for Highly Stable Lithium Ion Storage. <i>Advanced Functional Materials</i> , 2016, 26, 2959-2965.	14.9	38
70	Mechanistic Understanding of Two-Dimensional Phosphorus, Arsenic, and Antimony High-Capacity Anodes for Fast-Charging Lithium/Sodium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29559-29566.	3.1	38
71	Chemically Modified Graphene Oxide-Wrapped Quasi-Micro Ag Decorated Silver Trimolybdate Nanowires for Photocatalytic Applications. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24023-24032.	3.1	37
72	DFT coupled with NEGF study of a promising two-dimensional channel material: black phosphorene-type GaTeCl. <i>Nanoscale</i> , 2018, 10, 3350-3355.	5.6	37

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73	Kinetic Study of the Visible Light-Induced Sonophotocatalytic Degradation of MB Solution in the Presence of Fe/TiO ₂ -MWCNT Catalyst. Bulletin of the Korean Chemical Society, 2010, 31, 1589-1595.	1.9	37
74	Boosting interfacial charge migration of TiO ₂ /BiVO ₄ photoanode by W doping for photoelectrochemical water splitting. Electrochimica Acta, 2019, 300, 138-144.	5.2	36
75	Suppressing Water Dissociation via Control of Intrinsic Oxygen Defects for Awakening Solar H ₂ O ₂ Generation. Small, 2021, 17, e2100400.	10.0	36
76	Physicochemical and photocatalytic activities of self-assembling TiO ₂ nanoparticles on nanocarbons surface. Current Applied Physics, 2012, 12, 346-352.	2.4	34
77	Dual or multi carbonaceous coating strategies for next-generation batteries. Journal of Materials Chemistry A, 2018, 6, 1900-1914.	10.3	32
78	Rapid deposition of WS ₂ platelet thin films as additive-free anode for sodium ion batteries with superior volumetric capacity. Energy Storage Materials, 2020, 26, 534-542.	18.0	32
79	Degradation of Rhodamine B by Fe-Carbon Nanotubes/TiO ₂ Composites under UV Light in Aerated Solution. Chinese Journal of Catalysis, 2010, 31, 751-758.	14.0	31
80	Sonochemical assisted synthesis of a novel TiO ₂ /graphene composite for solar energy conversion. Synthetic Metals, 2012, 162, 827-833.	3.9	31
81	Epitaxial growth of WO ₃ nanoneedles achieved using a facile flame surface treatment process engineering of hole transport and water oxidation reactivity. Journal of Materials Chemistry A, 2018, 6, 19542-19546.	10.3	31
82	Epigallocatechin-3-gallate protected vanadium-induced eggshell depigmentation via P38MAPK-Nrf2/HO-1 signaling pathway in laying hens. Poultry Science, 2018, 97, 3109-3118.	3.4	30
83	A 3D triple-deck photoanode with a strengthened structure integrity: enhanced photoelectrochemical water oxidation. Nanoscale, 2016, 8, 3474-3481.	5.6	29
84	High-reversible capacity of Perovskite BaSnO ₃ /rGO composite for Lithium-Ion Battery Anodes. Electrochimica Acta, 2016, 214, 31-37.	5.2	28
85	Awakening Solar Hydrogen Evolution of MoS ₂ in Alkalescent Electrolyte through Doping with Co. ChemSusChem, 2019, 12, 3336-3342.	6.8	27
86	Rationally Designed Copper-Modified Polymeric Carbon Nitride as a Photocathode for Solar Water Splitting. ChemSusChem, 2019, 12, 866-872.	6.8	26
87	Engineered Polymeric Carbon Nitride Additive for Energy Storage Materials: A Review. Advanced Functional Materials, 2021, 31, 2102300.	14.9	26
88	PVdF-HFP/exfoliated graphene oxide nanosheet hybrid separators for thermally stable Li-ion batteries. RSC Advances, 2016, 6, 80706-80711.	3.6	24
89	An Å-level <i>d</i> -spacing controlling synthetic route for MoS ₂ towards stable intercalation of sodium ions. Journal of Materials Chemistry A, 2018, 6, 22513-22518.	10.3	24
90	Halide perovskite materials as light harvesters for solar energy conversion. EnergyChem, 2020, 2, 100026.	19.1	24

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91	A new curved gradient deficient shell element of absolute nodal coordinate formulation for modeling thin shell structures. <i>Nonlinear Dynamics</i> , 2013, 74, 153-164.	5.2	21
92	A "surface patching" strategy to achieve highly efficient solar water oxidation beyond surface passivation effect. <i>Nano Energy</i> , 2019, 66, 104110.	16.0	20
93	Rationally designed hybrids of NiCo ₂ O ₄ and polymeric carbon nitride as faradaic electrodes with enhanced electrochemical performance. <i>Electrochimica Acta</i> , 2019, 299, 717-726.	5.2	20
94	Designed seamless outer surface: Application for high voltage LiNi _{0.5} Mn _{1.5} O ₄ cathode with excellent cycling stability. <i>Journal of Power Sources</i> , 2016, 336, 307-315.	7.8	18
95	Zinc Stannate Nanocrystal-Based Ultrarapid-Response UV Photodetectors. <i>Advanced Materials Technologies</i> , 2018, 3, 1800085.	5.8	18
96	Isolation and expression studies of the ERD15 gene involved in drought-stressed responses. <i>Genetics and Molecular Research</i> , 2014, 13, 10852-10862.	0.2	16
97	Band engineering realized by chemical combination in 2D group VA "VA materials. <i>Nanoscale Horizons</i> , 2019, 4, 1145-1152.	8.0	15
98	Pressurized Alloying Assisted Synthesis of High Quality Antimonene for Capacitive Deionization. <i>Advanced Functional Materials</i> , 2021, 31, 2102766.	14.9	15
99	Why does the second peak of pair correlation functions split in quasi-two-dimensional disordered films?. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	14
100	Controlled thermal sintering of a metal-metal oxide-carbon ternary composite with a multi-scale hollow nanostructure for use as an anode material in Li-ion batteries. <i>Chemical Communications</i> , 2014, 50, 2589.	4.1	14
101	Boosting faradaic reactions of metal oxides on polymeric carbon nitride/PANI hybrid. <i>Energy Storage Materials</i> , 2020, 25, 487-494.	18.0	14
102	The Photocatalytic Decomposition of Different Organic Dyes under UV Irradiation with and without H ₂ O ₂ on Fe-ACF/TiO ₂ Photocatalysts. <i>Journal of the Korean Ceramic Society</i> , 2009, 46, 561-567.	2.3	14
103	Interaction of Rhodamine 6G molecules with graphene: a combined computational "experimental study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28418-28427.	2.8	13
104	Dietary fibre alleviates hepatic fat deposition via inhibiting lipogenic gene expression in meat ducks. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e736-e745.	2.2	13
105	Boosting the photoelectrochemical activities of all-inorganic perovskite SrTiO ₃ nanofibers by engineering homo/hetero junctions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17530-17539.	10.3	13
106	Enhancing photoelectrochemical performance of the Bi ₂ MoO ₆ photoanode by ferroelectric polarization regulation. <i>Nanoscale</i> , 2020, 12, 18446-18454.	5.6	13
107	A novel and simple approach for the synthesis of Fe ₃ O ₄ -graphene composite. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 989-993.	2.7	12
108	Vertically constructed monolithic electrodes for sodium ion batteries: toward low tortuosity and high energy density. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25985-25992.	10.3	12

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109	Influence of dietary rapeseed meal levels on growth performance, organ health and standardized ileal amino acid digestibility in meat ducks from 15 to 35 days of age. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 1297-1306.	2.2	11
110	Photocatalytic Degradation of Methyl Orange on Platinum and Palladium Co-doped TiO ₂ Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 685-691.	0.6	10
111	Solution processable formation of a few nanometer thick-disordered overlayer on the surface of open-ended TiO ₂ nanotubes. <i>Chemical Communications</i> , 2016, 52, 13807-13810.	4.1	10
112	Metabolites from the co-culture of nigranoic acid and <i>Umbelopsis dimorpha</i> SWUKD3.1410, an endophytic fungus from <i>Kadsura angustifolia</i> . <i>Natural Product Research</i> , 2017, 31, 1414-1421.	1.8	10
113	Porous supraparticles of LiFePO ₄ nanorods with carbon for high rate Li-ion batteries. <i>Materials Express</i> , 2018, 8, 316-324.	0.5	10
114	Pollen-mediated transgene flow in maize grown in the Huang-huai-hai region in China. <i>Journal of Agricultural Science</i> , 2011, 149, 205-216.	1.3	9
115	Hollow and yolk-shell structured off-stoichiometric tungsten trioxide via selective leaching and hydrogenation for enhanced lithium storage properties. <i>Electrochimica Acta</i> , 2016, 215, 466-472.	5.2	9
116	Nontopological transformation of hierarchical TiO ₂ by self-regulated etching and capping roles of F ⁻ for photocatalytic H ₂ evolution. <i>Applied Surface Science</i> , 2019, 473, 738-745.	6.1	9
117	Large and reversible sodium storage through interlaced reaction design. <i>Energy Storage Materials</i> , 2020, 25, 687-694.	18.0	9
118	Au/MoS ₂ tips as auxiliary rate aligners for the photocatalytic generation of syngas with a tunable composition. <i>Applied Catalysis B: Environmental</i> , 2022, 308, 121219.	20.2	9
119	Cu ₂ O/Cu ₂ Se Mixed-Phase Nanoflake Arrays: pH-Universal Hydrogen Evolution Reactions with Ultralow Overpotential. <i>ChemElectroChem</i> , 2019, 6, 5014-5021.	3.4	8
120	Highly sensitive detection and imaging of ultraviolet-B light for precisely controlling vitamin D generation in the human body. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4503-4508.	5.5	8
121	V ⁴⁺ -VOPO ₄ nanosheet with intrinsic V ⁴⁺ defective as high-performance cathode for sodium-ion battery. <i>Materials Today Energy</i> , 2021, 21, 100756.	4.7	8
122	Atom manufacturing of photocatalyst towards solar CO ₂ reduction. <i>Reports on Progress in Physics</i> , 2022, 85, 026501.	20.1	8
123	Precise synthesis of single-atom Mo, W, Nb coordinated with oxygen functional groups of graphene oxide for stable and selective two-electron oxygen reduction in neutral media. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9488-9496.	10.3	8
124	Relative Photonic Properties of Fe/TiO ₂ -Nanocarbon Catalysts for Degradation of MB Solution under Visible Light. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1128-1134.	1.9	6
125	Enhanced photocatalytic activity by the tunnel effect of microstructured InVO ₄ /WO ₃ heterojunctions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 108, 253-261.	1.7	5
126	Redescription of <i>Platevindex mortoni</i> (Gastropoda: Eupulmonata: Onchidiidae) from China. <i>Molluscan Research</i> , 2017, 37, 72-78.	0.7	4

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127	Characterization of Methylene Blue Decomposition on Fe-ACF/TiO ₂ Photocatalysts Under UV Irradiation with or Without H ₂ O ₂ . Korean Journal of Materials Research, 2009, 19, 481-487.	0.2	4
128	Effect of biogas slurry and sucrose addition on electrokinetic removal of arsenic from paddy soil. International Journal of Environmental Science and Technology, 2023, 20, 703-714.	3.5	3
129	P-Type AsP Nanosheet as an Electron Donor for Stable Solar Broad-Spectrum Hydrogen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 55102-55111.	8.0	2