Qing-Hua Liu

List of Publications by Year
in descending order

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144 papers	13,242 citations	34016 52 h-index	22764 112 g-index
152 all docs	152 docs citations	152 times ranked	14916 citing authors

#	Article	IF	Citations
1	Low Overpotential in Vacancy-Rich Ultrathin CoSe₂ Nanosheets for Water Oxidation. Journal of the American Chemical Society, 2014, 136, 15670-15675.	6.6	970
2	Lattice-strained metalâ€“organic-framework arrays for bifunctional oxygen electrocatalysis. Nature Energy, 2019, 4, 115-122.	19.8	680
3	Vacancy-Induced Ferromagnetism of MoS₂ Nanosheets. Journal of the American Chemical Society, 2015, 137, 2622-2627.	6.6	659
4	Fast Photoelectron Transfer in (C_{ring})â€“C₃N₄ Plane Heterostructural Nanosheets for Overall Water Splitting. Journal of the American Chemical Society, 2017, 139, 3021-3026.	6.6	640
5	CoOOH Nanosheets with High Mass Activity for Water Oxidation. Angewandte Chemie - International Edition, 2015, 54, 8722-8727.	7.2	547
6	Freestanding Tin Disulfide Singleâ€Layers Realizing Efficient Visibleâ€Light Water Splitting. Angewandte Chemie - International Edition, 2012, 51, 8727-8731.	7.2	545
7	Engineering unsymmetrically coordinated Cu-S1N3 single atom sites with enhanced oxygen reduction activity. Nature Communications, 2020, 11, 3049.	5.8	537
8	Coupling N2 and CO2 in H2O to synthesize urea under ambient conditions. Nature Chemistry, 2020, 12, 717-724.	6.6	485
9	Fabrication of flexible and freestanding zinc chalcogenide single layers. Nature Communications, 2012, 3, 1057.	5.8	470
10	Enhanced Photoexcited Carrier Separation in Oxygenâ€Doped ZnIn₂S₄ Nanosheets for Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 6716-6720.	7.2	454
11	Singleâ€Site Active Cobaltâ€Based Photocatalyst with a Long Carrier Lifetime for Spontaneous Overall Water Splitting. Angewandte Chemie - International Edition, 2017, 56, 9312-9317.	7.2	393
12	Pits confined in ultrathin cerium(IV) oxide for studying catalytic centers in carbon monoxide oxidation. Nature Communications, 2013, 4, 2899.	5.8	326
13	Nickel ferrocyanide as a high-performance urea oxidation electrocatalyst. Nature Energy, 2021, 6, 904-912.	19.8	305
14	Atomically Thick Bismuth Selenide Freestanding Single Layers Achieving Enhanced Thermoelectric Energy Harvesting. Journal of the American Chemical Society, 2012, 134, 20294-20297.	6.6	279
15	Strain Dynamics of Ultrathin VO₂ Film Grown on TiO₂ (001) and the Associated Phase Transition Modulation. Nano Letters, 2014, 14, 4036-4043.	4.5	233
16	Unraveling Metal-insulator Transition Mechanism of VO2Triggered by Tungsten Doping. Scientific Reports, 2012, 2, 466.	1.6	209
17	Unveiling the Electrooxidation of Urea: Intramolecular Coupling of the Nâ€“N Bond. Angewandte Chemie - International Edition, 2021, 60, 7297-7307.	7.2	204
18	Boosting the Kinetics and Stability of Zn Anodes in Aqueous Electrolytes with Supramolecular Cyclodextrin Additives. Journal of the American Chemical Society, 2022, 144, 11129-11137.	6.6	196

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19	Understanding the Nature of the Kinetic Process in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>VO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Metal-Insulator Transition. Physical Review Letters, 2010, 105, 226405.	2.9	171
20	Aligned Fe2TiO5-containing nanotube arrays with low onset potential for visible-light water oxidation. Nature Communications, 2014, 5, 5122.	5.8	161
21	Zn vacancy induced room-temperature ferromagnetism in Mn-doped ZnO. Applied Physics Letters, 2007, 91, .	1.5	160
22	Allâ€Surfaceâ€Atomicâ€Metal Chalcogenide Sheets for Highâ€Efficiency Visibleâ€Light Photoelectrochemical Water Splitting. Advanced Energy Materials, 2014, 4, 1300611.	10.2	154
23	Insights into Initial Kinetic Nucleation of Gold Nanocrystals. Journal of the American Chemical Society, 2010, 132, 7696-7701.	6.6	151
24	Half-Unit-Cell Î±-Fe₂O₃ Semiconductor Nanosheets with Intrinsic and Robust Ferromagnetism. Journal of the American Chemical Society, 2014, 136, 10393-10398.	6.6	135
25	N-Bridged Coâ€“Nâ€“Ni: new bimetallic sites for promoting electrochemical CO₂ reduction. Energy and Environmental Science, 2021, 14, 3019-3028.	15.6	128
26	Dynamic Evolution of Solidâ€“Liquid Electrochemical Interfaces over Single-Atom Active Sites. Journal of the American Chemical Society, 2020, 142, 12306-12313.	6.6	124
27	In-situ spectroscopic observation of dynamic-coupling oxygen on atomically dispersed iridium electrocatalyst for acidic water oxidation. Nature Communications, 2021, 12, 6118.	5.8	115
28	X-ray absorption fine structure spectroscopy in nanomaterials. Science China Materials, 2015, 58, 313-341.	3.5	112
29	Platinum single-atom catalyst with self-adjustable valence state for large-current-density acidic water oxidation. EScience, 2022, 2, 102-109.	25.0	106
30	Oxyhydroxide Nanosheets with Highly Efficient Electronâ€“Hole Pair Separation for Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 2137-2141.	7.2	99
31	Singleâ€Site Active Cobaltâ€Based Photocatalyst with a Long Carrier Lifetime for Spontaneous Overall Water Splitting. Angewandte Chemie, 2017, 129, 9440-9445.	1.6	95
32	Hetero-N-Coordinated Co Single Sites with High Turnover Frequency for Efficient Electrocatalytic Oxygen Evolution in an Acidic Medium. ACS Energy Letters, 2019, 4, 1816-1822.	8.8	92
33	Smoothing Surface Trapping States in 3D Coral-Like CoOOH-Wrapped-BiVO₄ for Efficient Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2018, 10, 6228-6234.	4.0	87
34	High-Content Metallic 1T Phase in MoS₂-Based Electrocatalyst for Efficient Hydrogen Evolution. Journal of Physical Chemistry C, 2017, 121, 15071-15077.	1.5	85
35	Decoupling the Lattice Distortion and Charge Doping Effects on the Phase Transition Behavior of VO2 by Titanium (Ti4+) Doping. Scientific Reports, 2015, 5, 9328.	1.6	84
36	Constructing High-Dimensional Neural Network Potential Energy Surfaces for Gasâ€“Surface Scattering and Reactions. Journal of Physical Chemistry C, 2018, 122, 1761-1769.	1.5	78

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37	Confined organometallic Au1N single-site as an efficient bifunctional oxygen electrocatalyst. Nano Energy, 2018, 46, 110-116.	8.2	77
38	A metal-vacancy-solid-solution NiAlP nanowall array bifunctional electrocatalyst for exceptional all-pH overall water splitting. Journal of Materials Chemistry A, 2018, 6, 9420-9427.	5.2	74
39	Improving Photoelectrochemical Water Splitting Activity of TiO₂ Nanotube Arrays by Tuning Geometrical Parameters. Journal of Physical Chemistry C, 2012, 116, 9049-9053.	1.5	72
40	Infrared Response and Optoelectronic Memory Device Fabrication Based on Epitaxial VO₂ Film. ACS Applied Materials & Interfaces, 2016, 8, 32971-32977.	4.0	72
41	Probing Nucleation Pathways for Morphological Manipulation of Platinum Nanocrystals. Journal of the American Chemical Society, 2012, 134, 9410-9416.	6.6	71
42	Ni-Doped Overlayer Hematite Nanotube: A Highly Photoactive Architecture for Utilization of Visible Light. Journal of Physical Chemistry C, 2012, 116, 24060-24067.	1.5	69
43	Roomâ€Temperature Intercalationâ€“Deintercalation Strategy Towards VO₂(B) Single Layers with Atomic Thickness. Small, 2012, 8, 3752-3756.	5.2	65
44	Strongly electrophilic heteroatoms confined in atomic CoOOH nanosheets realizing efficient electrocatalytic water oxidation. Journal of Materials Chemistry A, 2018, 6, 3202-3210.	5.2	63
45	Synergetic enhancement of plasmonic hot-electron injection in Au cluster-nanoparticle/C₃N₄ for photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 19649-19655.	5.2	61
46	Oxygen vacancy effect on room-temperature ferromagnetism of rutile Co:TiO2 thin films. Applied Physics Letters, 2009, 94, .	1.5	57
47	Strong Surface Hydrophilicity in Co-Based Electrocatalysts for Water Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 26867-26873.	4.0	57
48	Evidence of substitutional Co ion clusters in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Zn</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mr magnetic semiconductors. Physical Review B, 2008, 77, .	1.1	56
49	Impurity Concentration Dependence of Optical Absorption for Phosphorus-Doped Anatase TiO₂. Journal of Physical Chemistry C, 2011, 115, 8184-8188.	1.5	56
50	Structures and magnetic properties of (Mn, N)-codoped ZnO thin films. Applied Physics Letters, 2007, 90, 242509.	1.5	55
51	Enhanced Visible-Light-Driven Photocatalytic Activity by 0D/2D Phase Heterojunction of Quantum Dots/Nanosheets on Bismuth Molybdates. Journal of Physical Chemistry C, 2018, 122, 3738-3747.	1.5	53
52	Ultrathin Nanosheets of Halfâ€Metallic Monoclinic Vanadium Dioxide with a Thermally Induced Phase Transition. Angewandte Chemie - International Edition, 2013, 52, 7554-7558.	7.2	52
53	Valence Band Engineering via Pt^{II} Single-Atom Confinement Realizing Photocatalytic Water Splitting. Journal of Physical Chemistry C, 2018, 122, 21108-21114.	1.5	51
54	Identification of the Evolving Dynamics of Coordination-Unsaturated Iron Atomic Active Sites under Reaction Conditions. ACS Energy Letters, 2021, 6, 3359-3366.	8.8	49

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55	Unidirectional Thermal Diffusion in Bimetallic Cu@Au Nanoparticles. ACS Nano, 2014, 8, 1886-1892.	7.3	48
56	In-Plane Coassembly Route to Atomically Thick Inorganicâ€“Organic Hybrid Nanosheets. ACS Nano, 2013, 7, 1682-1688.	7.3	45
57	MoS2-coated ZnO nanocomposite as an active heterostructure photocatalyst for hydrogen evolution. Radiation Physics and Chemistry, 2017, 137, 104-107.	1.4	45
58	Operando infrared spectroscopic insights into the dynamic evolution of liquid-solid (photo)electrochemical interfaces. Nano Energy, 2020, 77, 105121.	8.2	45
59	Graphene Activating Room-Temperature Ferromagnetic Exchange in Cobalt-Doped ZnO Dilute Magnetic Semiconductor Quantum Dots. ACS Nano, 2014, 8, 10589-10596.	7.3	44
60	Intrinsic Ferromagnetism in Mnâ€Substituted MoS₂ Nanosheets Achieved by Supercritical Hydrothermal Reaction. Small, 2017, 13, 1701389.	5.2	44
61	Tuning the Selectivity of Liquid Products of CO₂RR by Cuâ€“Ag Alloying. ACS Applied Materials & Interfaces, 2022, 14, 11567-11574.	4.0	44
62	Ultrathin CoOOH Oxides Nanosheets Realizing Efficient Photocatalytic Hydrogen Evolution. Journal of Physical Chemistry C, 2015, 119, 26362-26366.	1.5	43
63	XAFS in dilute magnetic semiconductors. Dalton Transactions, 2013, 42, 13779.	1.6	42
64	Enhanced Photoexcited Carrier Separation in Oxygenâ€Doped ZnIn₂S₄ Nanosheets for Hydrogen Evolution. Angewandte Chemie, 2016, 128, 6828-6832.	1.6	42
65	Valence Stateâ€Dependent Ferromagnetism in Mnâ€Doped NiO Thin Films. Advanced Materials, 2012, 24, 353-357.	11.1	40
66	Operando Insight into the Oxygen Evolution Kinetics on the Metal-Free Carbon-Based Electrocatalyst in an Acidic Solution. ACS Applied Materials & Interfaces, 2019, 11, 34854-34861.	4.0	37
67	Recent Advances in Dualâ€Atom Site Catalysts for Efficient Oxygen and Carbon Dioxide Electrocatalysis. Small Methods, 2022, 6, .	4.6	36
68	High Photocatalytic Activity of Rutile TiO₂ Induced by Iodine Doping. Journal of Physical Chemistry C, 2010, 114, 6035-6038.	1.5	34
69	Strain-Stabilized Metastable Face-Centered Tetragonal Gold Overlayer for Efficient CO₂ Electroreduction. Nano Letters, 2021, 21, 1003-1010.	4.5	32
70	Tracking the Oxygen Dynamics of Solidâ€“Liquid Electrochemical Interfaces by Correlative In Situ Synchrotron Spectroscopies. Accounts of Chemical Research, 2022, 55, 1949-1959.	7.6	29
71	Cu and Co codoping effects on room-temperature ferromagnetism of (Co,Cu):ZnO dilute magnetic semiconductors. Journal of Applied Physics, 2011, 109, 103705.	1.1	28
72	Realizing High Water Splitting Activity on Co3O4 Nanowire Arrays under Neutral Environment. Electrochimica Acta, 2014, 119, 64-71.	2.6	28

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73	Symmetry-Controlled Structural Phase Transition Temperature in Chromium-Doped Vanadium Dioxide. Journal of Physical Chemistry C, 2016, 120, 28163-28168.	1.5	28
74	In Situ Construction of Flexible Vï£¿Ni Redox Centers over Niâ€Based MOF Nanosheet Arrays for Electrochemical Water Oxidation. Small Methods, 2021, 5, e2100573.	4.6	28
75	Realizing Ferromagnetic Coupling in Diluted Magnetic Semiconductor Quantum Dots. Journal of the American Chemical Society, 2014, 136, 1150-1155.	6.6	27
76	In situ studies on controlling an atomically-accurate formation process of gold nanoclusters. Nanoscale, 2015, 7, 14452-14459.	2.8	27
77	Ring Polymer Molecular Dynamics in Gasâ€“Surface Reactions: Inclusion of Quantum Effects Made Simple. Journal of Physical Chemistry Letters, 2019, 10, 7475-7481.	2.1	27
78	Coexistence of silver ion and tetracycline at environmentally relevant concentrations greatly enhanced antibiotic resistance gene development in activated sludge bioreactor. Journal of Hazardous Materials, 2022, 423, 127088.	6.5	27
79	Oxyhydroxide Nanosheets with Highly Efficient Electronâ€“Hole Pair Separation for Hydrogen Evolution. Angewandte Chemie, 2016, 128, 2177-2181.	1.6	26
80	Electrolyzer and Catalysts Design from Carbon Dioxide to Carbon Monoxide Electrochemical Reduction. Electrochemical Energy Reviews, 2021, 4, 680-717.	13.1	26
81	Identification of the hydrogen utilization pathway for the electrocatalytic hydrogenation of phenol. Science China Chemistry, 2021, 64, 1586-1595.	4.2	26
82	Energetic stability, electronic structure, and magnetism in Mn-doped silicon dilute magnetic semiconductors. Physical Review B, 2008, 77, .	1.1	25
83	Solvent Influence on the Role of Thiols in Growth of Thiols-Capped Au Nanocrystals. Journal of Physical Chemistry C, 2014, 118, 714-719.	1.5	25
84	Electron Delocalization Boosting Highly Efficient Electrocatalytic Water Oxidation in Layered Hydrotalcites. Journal of Physical Chemistry C, 2017, 121, 21962-21968.	1.5	25
85	In situ unravelling structural modulation across the charge-density-wave transition in vanadium disulfide. Physical Chemistry Chemical Physics, 2015, 17, 13333-13339.	1.3	24
86	Unveiling the Electrooxidation of Urea: Intramolecular Coupling of the Nâ€'N Bond. Angewandte Chemie, 2021, 133, 7373-7383.	1.6	24
87	Donutlike RuCu Nanoalloy with Ultrahigh Mass Activity for Efficient and Robust Oxygen Evolution in Acid Solution. ACS Applied Energy Materials, 2019, 2, 7483-7489.	2.5	23
88	Dynamic Coï£¿Ru Bond Shrinkage at Atomically Dispersed Ru Sites for Alkaline Hydrogen Evolution Reaction. Small, 2021, 17, e2105231.	5.2	23
89	Structures and magnetic properties of (Fe, Li)-codoped NiO thin films. Applied Physics Letters, 2008, 92, .	1.5	22
90	Hexagonal BaTi1â€'xCoxO3 phase stabilized by Co dopants. Applied Physics Letters, 2010, 96, .	1.5	22

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91	ZnO@S-doped ZnO core/shell nanocomposites for highly efficient solar water splitting. Journal of Power Sources, 2014, 269, 24-30.	4.0	22
92	Heterogeneous single-site synergetic catalysis for spontaneous photocatalytic overall water splitting. Journal of Materials Chemistry A, 2019, 7, 11170-11176.	5.2	22
93	Self-synergistic cobalt catalysts with symbiotic metal single-atoms and nanoparticles for efficient oxygen reduction. Journal of Materials Chemistry A, 2021, 9, 1127-1133.	5.2	21
94	Metallic Ni₃N Quantum Dots as a Synergistic Promoter for NiO Nanosheet toward Efficient Oxygen Reduction Electrocatalysis. Journal of Physical Chemistry C, 2019, 123, 8633-8639.	1.5	19
95	Self-Nanocavity-Confined Halogen Anions Boosting the High Selectivity of the Two-Electron Oxygen Reduction Pathway over Ni-Based MOFs. Journal of Physical Chemistry Letters, 2021, 12, 8706-8712.	2.1	19
96	Direct determination of Mn occupations in Ga1â^'xMnxN dilute magnetic semiconductors by x-ray absorption near-edge structure spectroscopy. Applied Physics Letters, 2006, 89, 121901.	1.5	18
97	Structural Study on Coâ^'Ni Bimetallic Nanoparticles by X-ray Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 13596-13600.	1.5	18
98	Subnano Amorphous Fe-Based Clusters with High Mass Activity for Efficient Electrocatalytic Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2019, 11, 41432-41439.	4.0	18
99	Reduced interfacial tension on ultrathin NiCr-LDH nanosheet arrays for efficient electrocatalytic water oxidation. Journal of Materials Chemistry A, 2021, 9, 16706-16712.	5.2	18
100	An on-demand solar hydrogen-evolution system for unassisted high-efficiency pure-water splitting. Journal of Materials Chemistry A, 2019, 7, 17315-17323.	5.2	17
101	Synergetic Dualâ€ion Centers Boosting Metal Organic Framework Alloy Catalysts toward Efficient Two Electron Oxygen Reduction. Small, 2022, 18, .	5.2	17
102	Modifying the Atomic and Electronic Structures of Gold Nanocrystals via Changing the Chain Length of n-Alkanethiol Ligands. Journal of Physical Chemistry C, 2012, 116, 24999-25003.	1.5	16
103	Coâ€“Ni Nanoalloyâ€“Organic Framework Electrocatalysts with Ultrahigh Electron Transfer Kinetics for Efficient Oxygen Reduction. ACS Sustainable Chemistry and Engineering, 2020, 8, 6898-6904.	3.2	16
104	High mass-specific reactivity of a defect-enriched Ru electrocatalyst for hydrogen evolution in harsh alkaline and acidic media. Science China Materials, 2021, 64, 2467-2476.	3.5	16
105	Mediating distribution of magnetic Co ions by Cr-codoping in (Co,Cr): ZnO thin films. Applied Physics Letters, 2010, 97, 042504.	1.5	15
106	XAFS study on structure-activity correlations of Î±-Co(OH)₂nanosheets water oxidation catalysts. Journal of Physics: Conference Series, 2016, 712, 012128.	0.3	15
107	Potential-driven surface active structure rearrangement over FeP@NC towards efficient electrocatalytic hydrogen evolution. Physical Chemistry Chemical Physics, 2019, 21, 7918-7923.	1.3	15
108	Dissecting Ï€-conjugated covalent-coupling over conductive MOFs toward efficient two-electron oxygen reduction. Applied Catalysis B: Environmental, 2022, 317, 121706.	10.8	15

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109	Intrinsic ferromagnetic coupling in Co3O4 quantum dots activatedby graphene hybridization. Applied Physics Letters, 2016, 108, .	1.5	14
110	The epitaxial growth and interfacial strain study of VO2/MgF2 (001) films by synchrotron based grazing incidence X-ray diffraction. Journal of Alloys and Compounds, 2016, 678, 312-316.	2.8	14
111	Interplay between Occupation Sites of (Co, Cu) Codopants and Crystal Orientation of ZnO Matrix. Journal of Physical Chemistry C, 2013, 117, 24913-24919.	1.5	13
112	An electrostatic nanogenerator based on ZnO/ZnS core/shell electrets with stabilized quasi-permanent charge. Applied Physics Letters, 2014, 104, 243112.	1.5	12
113	Atomically Dispersed Fe on Nanosheet-linked, Defect-rich, Highly N-Doped 3D Porous Carbon for Efficient Oxygen Reduction. Chemical Research in Chinese Universities, 2020, 36, 453-458.	1.3	12
114	Structures and magnetic properties of Mn-doped NiO thin films. Journal Physics D: Applied Physics, 2014, 47, 295001.	1.3	11
115	Architectural roles of Cren7 in folding crenarchaeal chromatin filament. Molecular Microbiology, 2019, 111, 556-569.	1.2	11
116	Anomalous magnetic behavior of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Mn</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>Mn</mml:mi></mml:mrow></mml:math> in the dilute magnetic semiconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>Ga</mml:mi><mml:mo>,</mml:mo><mml:mi>Mn</mml:mi><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	10
117	Crystallinity dependence for high-selectivity electrochemical oxygen reduction to hydrogen peroxide. Chemical Communications, 2020, 56, 5299-5302.	2.2	10
118	Coupling Among CH Stretching, Bending and Rocking Vibrational Modes in CH2Cl2. Chinese Journal of Chemical Physics, 2006, 19, 15-19.	0.6	9
119	Experimental and theoretical investigations on ferromagnetic nature of Mn-doped dilute magnetic semiconductors. Journal of Physics: Conference Series, 2009, 190, 012100.	0.3	9
120	Co Cluster Formation Induced by Cu Codoping in Co:ZnO Semiconductor Thin Films. Journal of Physical Chemistry C, 2012, 116, 4855-4861.	1.5	9
121	Valence-modified selenospinels as ampere-current-bearing oxygen evolution catalysts. Applied Catalysis B: Environmental, 2022, 316, 121649.	10.8	9
122	Cosputtered Mn-doped Si thin films studied by x-ray spectroscopy. Journal of Applied Physics, 2009, 106, 103517.	1.1	7
123	Ultrahigh-temperature ferromagnetism in MoS2 MoirÃ© superlattice/graphene hybrid heterostructures. Nano Research, 2021, 14, 4182.	5.8	7
124	Symbiotic synergy enabling moderate oxo-hydroxy adsorption capacity for high-selectivity oxygen reduction. Nano Energy, 2022, 101, 107587.	8.2	6
125	A charge-passivated codoping approach for enhancing ferromagnetism and electron transport on rutile TiO2(110) surface. Applied Physics Letters, 2009, 95, 052508.	1.5	4
126	Local structure of Mo-doped TiO₂ photocatalysts investigated by X-ray absorption fine structure. Journal of Physics: Conference Series, 2013, 430, 012090.	0.3	4

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127	Mn_xGe_{1-x}dilute magnetic semiconductor studied by XAFS. Journal of Physics: Conference Series, 2009, 190, 012104.	0.3	3
128	Study on Coloration Mechanism of Chinese Ancient Ceramics by X-ray Absorption Near-edge Structure. Journal of Physics: Conference Series, 2013, 430, 012136.	0.3	3
129	Realizing high visible-light-induced carriers mobility in TiO2-based photoanodes. Journal of Power Sources, 2014, 251, 195-201.	4.0	3
130	XAFS study on the impact of local structure on electrochemical performance for Co₃O₄nanowire arrays. Journal of Physics: Conference Series, 2016, 712, 012115.	0.3	3
131	Ring polymer molecular dynamics in gas-surface reactions: tests on initial sampling and potential energy landscape. Molecular Physics, 2022, 120, .	0.8	3
132	Mn Occupations in Ga1â^'xMnxN Dilute Magnetic Semiconductors Probed by X-Ray Absorption Near-Edge Structure Spectroscopy. AIP Conference Proceedings, 2007, , .	0.3	2
133	Determination of Co spin state in rutile Co:TiO2. Journal of Applied Physics, 2009, 106, 123918.	1.1	2
134	Insight into the biological effects of acupuncture points by X-ray absorption fine structure. Analytical and Bioanalytical Chemistry, 2018, 410, 4959-4965.	1.9	2
135	Rational manipulation of lattice strain to tailor the electronic and optical properties of nanostructures. Ceramics International, 2021, 47, 31476-31484.	2.3	2
136	Avalanche breakdown and self-stabilization effects in electrically driven transition of carbon nanotube covered VO₂film. Journal Physics D: Applied Physics, 2017, 50, 255101.	1.3	2
137	Co-doped rutile TiO_{2-Î´}thin films studied by XANES and first principles calculations. Journal of Physics: Conference Series, 2009, 190, 012107.	0.3	1
138	Local structures around Mn atoms in MnxSi1-xthin films probed by fluorescence XAFS. Journal of Physics: Conference Series, 2009, 190, 012105.	0.3	1
139	Growth temperature dependence on local structures of Fe_{0.05}Si_{0.95}diluted magnetic semiconductors studied by X-ray absorption near-edge structure. Journal of Physics: Conference Series, 2009, 190, 012106.	0.3	1
140	Wavelet-XAFS investigation for Mn:Si diluted magnetic semiconductor thin films. Rendiconti Lincei, 2011, 22, 25-32.	1.0	1
141	Local structure and optical absorption characteristic investigation on Fe doped TiO ₂ nanoparticles. Chinese Physics C, 2015, 39, 028001.	1.5	1
142	Dual manipulation of ferromagnetism in co-doped ZnO thin films by surfactant and n-type carriers. Chinese Journal of Chemical Physics, 2019, 32, 491-496.	0.6	1
143	Exploring the local structure of Fe in Co_{3â^'x}Fe_xO₄ electrode by XAFS. Journal of Physics: Conference Series, 2013, 430, 012059.	0.3	0
144	XAFS study on the temperature-dependent occupation sites of Co codopants in (Co, Cu)-codoped ZnO films. Journal of Physics: Conference Series, 2016, 712, 012107.	0.3	0