

# Chin-Jung Lin

## List of Publications by Year in descending order

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115  
papers

11,086  
citations

66234

42  
h-index

30848

102  
g-index

117  
all docs

117  
docs citations

117  
times ranked

10441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single platinum atoms immobilized on an MXene as an efficient catalyst for the hydrogen evolution reaction. <i>Nature Catalysis</i> , 2018, 1, 985-992.	16.1	1,236
2	Filling the oxygen vacancies in $\text{Co}_3\text{O}_4$ with phosphorus: an ultra-efficient electrocatalyst for overall water splitting. <i>Energy and Environmental Science</i> , 2017, 10, 2563-2569.	15.6	859
3	Boron-doped nitrogen-deficient carbon nitride-based Z-scheme heterostructures for photocatalytic overall water splitting. <i>Nature Energy</i> , 2021, 6, 388-397.	19.8	764
4	<i>Operando</i> Identification of the Dynamic Behavior of Oxygen Vacancy-Rich $\text{Co}_3\text{O}_4$ for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 12087-12095.	6.6	736
5	Tuning the Coordination Environment in Single-Atom Catalysts to Achieve Highly Efficient Oxygen Reduction Reactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 20118-20126.	6.6	683
6	Synergy of Dopants and Defects in Graphitic Carbon Nitride with Exceptionally Modulated Band Structures for Efficient Photocatalytic Oxygen Evolution. <i>Advanced Materials</i> , 2019, 31, e1903545.	11.1	604
7	Controlling the Oxidation State of the Cu Electrode and Reaction Intermediates for Electrochemical $\text{CO}_2$ Reduction to Ethylene. <i>Journal of the American Chemical Society</i> , 2020, 142, 2857-2867.	6.6	342
8	Preferential Cation Vacancies in Perovskite Hydroxide for the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8691-8696.	7.2	337
9	Atomic-Scale $\text{CoO}_x$ Species in Metal-Organic Frameworks for Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2017, 27, 1702546.	7.8	327
10	Zirconium-Regulation-Induced Bifunctionality in 3D Cobalt-Iron Oxide Nanosheets for Overall Water Splitting. <i>Advanced Materials</i> , 2019, 31, e1901439.	11.1	306
11	Tuning the Selective Adsorption Site of Biomass on $\text{Co}_3\text{O}_4$ by Ir Single Atoms for Electrosynthesis. <i>Advanced Materials</i> , 2021, 33, e2007056.	11.1	217
12	Identifying the Geometric Site Dependence of Spinel Oxides for the Electrooxidation of 5-Hydroxymethylfurfural. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19215-19221.	7.2	211
13	Unveiling the Electrooxidation of Urea: Intramolecular Coupling of the $\text{N}^{\sim}\text{N}$ Bond. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7297-7307.	7.2	204
14	Molecular Design of Polymer Heterojunctions for Efficient Solar-Hydrogen Conversion. <i>Advanced Materials</i> , 2017, 29, 1606198.	11.1	203
15	Defect-Induced Pt-Co-Se Coordinated Sites with Highly Asymmetrical Electronic Distribution for Boosting Oxygen-Involving Electrocatalysis. <i>Advanced Materials</i> , 2019, 31, e1805581.	11.1	168
16	A [001]-Oriented Hittorf's Phosphorus Nanorods/Polymeric Carbon Nitride Heterostructure for Boosting Wide-Spectrum-Responsive Photocatalytic Hydrogen Evolution from Pure Water. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 868-873.	7.2	164
17	Tailoring Competitive Adsorption Sites by Oxygen-Vacancy on Cobalt Oxides to Enhance the Electrooxidation of Biomass. <i>Advanced Materials</i> , 2022, 34, e2107185.	11.1	162
18	Synergy between cobalt and nickel on $\text{NiCo}_2\text{O}_4$ nanosheets promotes peroxydisulfate activation for efficient norfloxacin degradation. <i>Applied Catalysis B: Environmental</i> , 2022, 306, 121091.	10.8	148

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19	Proton Capture Strategy for Enhancing Electrochemical CO <sub>2</sub> Reduction on Atomically Dispersed Metal–Nitrogen Active Sites**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11959-11965.	7.2	144
20	Screening highly active perovskites for hydrogen-evolving reaction via unifying ionic electronegativity descriptor. <i>Nature Communications</i> , 2019, 10, 3755.	5.8	139
21	Utilizing ion leaching effects for achieving high oxygen-evolving performance on hybrid nanocomposite with self-optimized behaviors. <i>Nature Communications</i> , 2020, 11, 3376.	5.8	122
22	The Role of the Copper Oxidation State in the Electrocatalytic Reduction of CO <sub>2</sub> into Valuable Hydrocarbons. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1485-1492.	3.2	121
23	Voltage- and time-dependent valence state transition in cobalt oxide catalysts during the oxygen evolution reaction. <i>Nature Communications</i> , 2020, 11, 1984.	5.8	120
24	Operando Spectral and Electrochemical Investigation into the Heterophase Stimulated Active Species Transformation in Transition-Metal Sulfides for Efficient Electrocatalytic Oxygen Evolution. <i>ACS Catalysis</i> , 2020, 10, 1855-1864.	5.5	113
25	Morphology Manipulation of Copper Nanocrystals and Product Selectivity in the Electrocatalytic Reduction of Carbon Dioxide. <i>ACS Catalysis</i> , 2019, 9, 5217-5222.	5.5	105
26	Scalable Molten Salt Synthesis of Platinum Alloys Planted in Metal–Nitrogen–Graphene for Efficient Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	102
27	Elucidation of the Synergistic Effect of Dopants and Vacancies on Promoted Selectivity for CO <sub>2</sub> Electroreduction to Formate. <i>Advanced Materials</i> , 2021, 33, e2005113.	11.1	95
28	Hierarchically nanostructured NiO-Co <sub>3</sub> O <sub>4</sub> with rich interface defects for the electro-oxidation of 5-hydroxymethylfurfural. <i>Science China Chemistry</i> , 2020, 63, 980-986.	4.2	85
29	Probing the active site in single-atom oxygen reduction catalysts via operando X-ray and electrochemical spectroscopy. <i>Nature Communications</i> , 2020, 11, 4233.	5.8	80
30	Heterojunction of Zinc Blende/Wurtzite in Zn <sub>1-x</sub> Cd <sub>x</sub> S Solid Solution for Efficient Solar Hydrogen Generation: X-ray Absorption/Diffraction Approaches. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 22558-22569.	4.0	74
31	Modulating the electronic structure of ultrathin layered double hydroxide nanosheets with fluorine: an efficient electrocatalyst for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14483-14488.	5.2	73
32	Engineering the coordination geometry of metal–organic complex electrocatalysts for highly enhanced oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 805-810.	5.2	69
33	Electronic Structure Evolution in Tricomponent Metal Phosphides with Reduced Activation Energy for Efficient Electrocatalytic Oxygen Evolution. <i>Small</i> , 2018, 14, e1801756.	5.2	69
34	Defects-Induced In-Plane Heterophase in Cobalt Oxide Nanosheets for Oxygen Evolution Reaction. <i>Small</i> , 2019, 15, e1904903.	5.2	69
35	An integrated cobalt disulfide (CoS <sub>2</sub> ) co-catalyst passivation layer on silicon microwires for photoelectrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23466-23476.	5.2	68
36	Ordered mesostructured Cu-doped TiO <sub>2</sub> spheres as active visible-light-driven photocatalysts for degradation of paracetamol. <i>Chemical Engineering Journal</i> , 2014, 237, 131-137.	6.6	62

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37	Nanogap Engineered Plasmon-Enhancement in Photocatalytic Solar Hydrogen Conversion. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500280.	1.9	55
38	Evolution of Visible Photocatalytic Properties of Cu-Doped CeO <sub>2</sub> Nanoparticles: Role of Cu <sup>2+</sup> -Mediated Oxygen Vacancies and the Mixed-Valence States of Ce Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8536-8546.	3.2	55
39	Recent advances in vanadium pentoxide (V <sub>2</sub> O <sub>5</sub> ) towards related applications in chromogenics and beyond: fundamentals, progress, and perspectives. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4019-4071.	2.7	53
40	Nb-Doped Hematite Nanorods for Efficient Solar Water Splitting: Electronic Structure Evolution versus Morphology Alteration. <i>ChemNanoMat</i> , 2016, 2, 704-711.	1.5	51
41	Controllable synthesis of Fe <sup>N</sup> <sub>4</sub> species for acidic oxygen reduction. , 2020, 2, 452-460.		50
42	Mesoporous Fe-doped TiO <sub>2</sub> sub-microspheres with enhanced photocatalytic activity under visible light illumination. <i>Applied Catalysis B: Environmental</i> , 2012, 127, 175-181.	10.8	48
43	5f Covalency Synergistically Boosting Oxygen Evolution of UCoO <sub>4</sub> Catalyst. <i>Journal of the American Chemical Society</i> , 2022, 144, 416-423.	6.6	48
44	Activated Ni-OH Bonds in a Catalyst Facilitates the Nucleophile Oxidation Reaction. <i>Advanced Materials</i> , 2022, 34, e2105320.	11.1	47
45	Doping-Modulated Strain Enhancing the Phosphate Tolerance on PtFe Alloys for High-Temperature Proton Exchange Membrane Fuel Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	45
46	In Situ/Operando X-ray Spectroscopies for Advanced Investigation of Energy Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 18356-18373.	1.7	43
47	Tailoring lattice strain in ultra-fine high-entropy alloys for active and stable methanol oxidation. <i>Science China Materials</i> , 2021, 64, 2454-2466.	3.5	43
48	Atomically Dispersed Janus Nickel Sites on Red Phosphorus for Photocatalytic Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	43
49	Electronic properties of free-standing TiO <sub>2</sub> nanotube arrays fabricated by electrochemical anodization. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22064-22071.	1.3	42
50	Identifying the Geometric Site Dependence of Spinel Oxides for the Electrooxidation of 5-Hydroxymethylfurfural. <i>Angewandte Chemie</i> , 2020, 132, 19377-19383.	1.6	41
51	A [001]-Oriented Hittorf's Phosphorus Nanorods/Polymeric Carbon Nitride Heterostructure for Boosting Wide-Spectrum-Responsive Photocatalytic Hydrogen Evolution from Pure Water. <i>Angewandte Chemie</i> , 2020, 132, 878-883.	1.6	40
52	Single-Metal Atoms and Ultra-Small Clusters Manipulating Charge Carrier Migration in Polymeric Perylene Diimide for Efficient Photocatalytic Oxygen Production. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	40
53	Synergistic-Effect-Controlled CoTe <sub>2</sub> /Carbon Nanotube Hybrid Material for Efficient Water Oxidation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28093-28099.	1.5	39
54	Mechanism of Electrochemical Deposition and Coloration of Electrochromic V <sub>2</sub> O <sub>5</sub> Nano Thin Films: an In Situ X-Ray Spectroscopy Study. <i>Nanoscale Research Letters</i> , 2015, 10, 387.	3.1	38

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55	Fe <sup>2+</sup> -Induced In Situ Intercalation and Cation Exsolution of Co <sub>80</sub> Fe <sub>20</sub> (OH)(OCH <sub>3</sub> ) with Rich Vacancies for Boosting Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2009245.	7.8	38
56	Preferential Cation Vacancies in Perovskite Hydroxide for the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2018, 130, 8827-8832.	1.6	37
57	Critical Factors Controlling Superoxide Reactions in Lithium-Oxygen Batteries. <i>ACS Energy Letters</i> , 2020, 5, 1355-1363.	8.8	37
58	Boron-Tethering and Regulative Electronic States Around Iridium Species for Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	35
59	Electrochemically Activated Reduced Graphene Oxide Used as Solid-State Symmetric Supercapacitor: An X-ray Absorption Spectroscopic Investigation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22134-22141.	1.5	33
60	Activating KI <sub>3</sub> -Type Organometallic Precursors at Metal Oxide Surfaces for Enhanced Solar Water Oxidation. <i>ACS Energy Letters</i> , 2018, 3, 1613-1619.	8.8	33
61	Probing the Active Sites of Carbon-Encapsulated Cobalt Nanoparticles for Oxygen Reduction. <i>Small Methods</i> , 2019, 3, 1800439.	4.6	33
62	Tuning the Electrical and Thermoelectric Properties of N Ion Implanted SrTiO <sub>3</sub> Thin Films and Their Conduction Mechanisms. <i>Scientific Reports</i> , 2019, 9, 14486.	1.6	30
63	Surface Electronic Structure Reconfiguration of Hematite Nanorods for Efficient Photoanodic Water Oxidation. <i>Solar Rrl</i> , 2020, 4, 1900349.	3.1	30
64	In Situ/Operando Capturing Unusual Ir <sup>6+</sup> Facilitating Ultrafast Electrocatalytic Water Oxidation. <i>Advanced Functional Materials</i> , 2021, 31, 2104746.	7.8	29
65	The Electro-Deposition/Dissolution of CuSO <sub>4</sub> Aqueous Electrolyte Investigated by <i>In Situ</i> Soft X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 780-787.	1.2	26
66	Plasmon-Induced Visible-Light Photocatalytic Activity of Au Nanoparticle-Decorated Hollow Mesoporous TiO <sub>2</sub> : A View by X-ray Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6955-6962.	1.5	25
67	Proton Capture Strategy for Enhancing Electrochemical CO <sub>2</sub> Reduction on Atomically Dispersed Metal-Nitrogen Active Sites**. <i>Angewandte Chemie</i> , 2021, 133, 12066-12072.	1.6	25
68	Concave Pt-Zn Nanocubes with High-Index Faceted Pt Skin as Highly Efficient Oxygen Reduction Catalyst. <i>Advanced Science</i> , 2022, 9, e2200147.	5.6	25
69	Plasmon-Enhanced Electrocatalytic Properties of Rationally Designed Hybrid Nanostructures at a Catalytic Interface. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801144.	1.9	24
70	Unveiling the Electrooxidation of Urea: Intramolecular Coupling of the N-N Bond. <i>Angewandte Chemie</i> , 2021, 133, 7373-7383.	1.6	24
71	An integrated bioelectrochemical system coupled CO <sub>2</sub> electroreduction device based on atomically dispersed iron electrocatalysts. <i>Nano Energy</i> , 2021, 87, 106187.	8.2	23
72	Structurally ordered high-entropy intermetallic nanoparticles with enhanced C-C bond cleavage for ethanol oxidation. <i>SmartMat</i> , 2023, 4, .	6.4	23

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73	Scalable Molten Salt Synthesis of Platinum Alloys Planted in Metal- <sup>19</sup> Nitrogen- <sup>20</sup> Graphene for Efficient Oxygen Reduction. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	22
74	Electronically Coupled Uranium and Iron Oxide Heterojunctions as Efficient Water Oxidation Catalysts. <i>Advanced Functional Materials</i> , 2019, 29, 1905005.	7.8	18
75	Electronic and atomic structure of TiO <sub>2</sub> anatase spines on sea-urchin-like microspheres by X-ray absorption spectroscopy. <i>Applied Surface Science</i> , 2020, 502, 144297.	3.1	18
76	Catalytically Active Site Identification of Molybdenum Disulfide as Gas Cathode in a Nonaqueous Li <sup>+</sup> -CO <sub>2</sub> Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 6156-6167.	4.0	18
77	X-ray Absorption Spectroscopic Study on Interfacial Electronic Properties of FeOOH/Reduced Graphene Oxide for Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3186-3194.	3.2	17
78	Effect of Fe ion implantation on the thermoelectric properties and electronic structures of CoSb <sub>3</sub> thin films. <i>RSC Advances</i> , 2019, 9, 36113-36122.	1.7	17
79	Quinary Defect-Rich Ultrathin Bimetal Hydroxide Nanosheets for Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44018-44025.	4.0	15
80	Interlayer ligand engineering of <sup>19</sup> Ni(OH) <sub>2</sub> for oxygen evolution reaction. <i>Science China Chemistry</i> , 2020, 63, 1684-1693.	4.2	15
81	Regulating Crystal Structure and Atomic Arrangement in Single-Component Metal Oxides through Electrochemical Conversion for Efficient Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57038-57046.	4.0	15
82	In Situ Observation of the Insulator-To-Metal Transition and Nonequilibrium Phase Transition for Li <sub>x</sub> CoO <sub>2</sub> Films with Preferred (003) Orientation Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 33043-33053.	4.0	14
83	Identifying the crystal and electronic structure evolution in tri-component transition metal oxide nanosheets for efficient electrocatalytic oxygen evolution. <i>EcoMat</i> , 2019, 1, e12005.	6.8	14
84	Manipulating metal-oxygen local atomic structures in single-junctional p-Si/WO <sub>3</sub> photocathodes for efficient solar hydrogen generation. <i>Nano Research</i> , 2021, 14, 2285.	5.8	14
85	<sup>19</sup> A- <sup>20</sup> B Intersite Cooperation-Enhanced Water Splitting in Quadruple Perovskite Oxide CaCu <sub>3</sub> Ir <sub>4</sub> O <sub>12</sub> . <i>Chemistry of Materials</i> , 2021, 33, 9295-9305.	3.2	11
86	Rapid adsorption of industrial pollutants using metal ion doped hydroxyapatite. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	10
87	In Situ Exfoliation and Pt Deposition of Antimonene for Formic Acid Oxidation via a Predominant Dehydrogenation Pathway. <i>Research</i> , 2020, 2020, 5487237.	2.8	10
88	Preparation of N-TiO <sub>2</sub> a Microwave/Sol-Gel Method and Its Photocatalytic Activity for Bisphenol A under Visible-Light and Sunlight Irradiation. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-9.	1.4	8
89	Uranium Oxide Nanocrystals by Microwave-Assisted Thermal Decomposition: Electronic and Structural Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 12-18.	0.6	8
90	Structure and Transport Properties of Nickel-Implanted CoSb <sub>3</sub> Skutterudite Thin Films Synthesized via Pulsed Laser Deposition. <i>ACS Applied Energy Materials</i> , 2018, 1, 5879-5886.	2.5	8

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91	Structural evolution and Au nanoparticles enhanced photocatalytic activity of sea-urchin-like TiO <sub>2</sub> microspheres: An X-ray absorption spectroscopy study. <i>Applied Surface Science</i> , 2021, 562, 150127.	3.1	8
92	Selective adsorption of greenhouse gases on the residual carbon in lignite coal liquefaction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 85, 170-175.	2.7	7
93	Adsorption isotherms and kinetics of activated carbons produced from coals of different ranks. <i>Water Science and Technology</i> , 2015, 71, 1189-1195.	1.2	6
94	Influence of halide ions on the structure and properties of copper indium sulphide quantum dots. <i>Chemical Communications</i> , 2020, 56, 3341-3344.	2.2	6
95	Significant role of substrate temperature on the morphology, electronic structure and thermoelectric properties of SrTiO <sub>3</sub> films deposited by pulsed laser deposition. <i>Surface and Coatings Technology</i> , 2021, 407, 126740.	2.2	6
96	Investigation of adsorption of methylene blue from aqueous phase onto coal-based activated carbons. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2017, 40, 355-360.	0.6	5
97	Enhancing Solar-Driven Water Splitting with Surface-Engineered Nanostructures. <i>Solar Rrl</i> , 2018, 3, 1800285.	3.1	5
98	Photo generated charge transport studies of defects-induced shuttlecock-shaped ZnO/Ag hybrid nanostructures. <i>Nanotechnology</i> , 2021, 32, 305708.	1.3	5
99	Au-BINOL Hybrid Nanocatalysts: Insights into the Structure-Based Enhancement of Catalytic and Photocatalytic Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5479-5489.	1.8	4
100	Excitation induced enhancement of spectral response and energy transfer mechanisms in Fe/Sm modified ZnO phosphors. <i>Journal of Applied Physics</i> , 2020, 128, 143104.	1.1	4
101	AuPd Nanocuboctahedra: Atomic-Level Surface Modulation for Optimization of Electrocatalytic and Photocatalytic Energy Conversion. <i>ACS Applied Energy Materials</i> , 2021, 4, 2652-2662.	2.5	4
102	Sequential tunability of red and white light emissions in Sm-activated ZnO phosphors by up- and downconversion mechanisms. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	4
103	Extended Graphite Supported Flower-like MnO <sub>2</sub> as Bifunctional Materials for Supercapacitors and Glucose Sensing. <i>Nanomaterials</i> , 2021, 11, 2881.	1.9	4
104	A Facile Approach for Pt Single Atoms Deposition on Two-Dimensional Calcium Niobate Nanosheets for Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9096-9104.	3.2	4
105	Defects assisted structural and electrical properties of Ar ion irradiated TiO <sub>2</sub> /SrTiO <sub>3</sub> bilayer. <i>Materials Letters</i> , 2021, 282, 128880.	1.3	3
106	Controlled Magnetic Isolation and Decoupling of Perpendicular FePt Films by Capping Ultrathin Cu(002) Nano-Islands. <i>Journal of Composites Science</i> , 2021, 5, 140.	1.4	3
107	Formation of FePt/MgO Nanocomposite Films at Reduced Temperature. <i>Journal of Composites Science</i> , 2022, 6, 158.	1.4	3
108	Role of Interfacial Defects in Photoelectrochemical Properties of BiVO <sub>4</sub> Coated on ZnO Nanodendrites: X-ray Spectroscopic and Microscopic Investigation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41524-41536.	4.0	2



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109	Multicycle Performance of CaTiO <sub>3</sub> Decorated CaO-Based CO <sub>2</sub> Adsorbent Prepared by a Versatile Aerosol Assisted Self-Assembly Method. <i>Nanomaterials</i> , 2021, 11, 3188.	1.9	2
110	Atomically Dispersed Janus Nickel Sites on Red Phosphorus for Photocatalytic Overall Water Splitting. <i>Angewandte Chemie</i> , 0, , .	1.6	2
111	Formation of a p-n heterojunction photocatalyst by the interfacing of graphitic carbon nitride and delafossite CuGaO <sub>2</sub> . <i>Journal of the Chinese Chemical Society</i> , 2022, 69, 1042-1050.	0.8	2
112	Probing reversal of orbital symmetry in CaCu <sub>3-x</sub> Ti <sub>4-x</sub> Fe <sub>2</sub> O <sub>12</sub> (x=0.0-0.7) by X-ray absorption spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13630-13638.	1.1	1
113	Understanding the role of structural distortions on the transport properties of Ar ion irradiated SrTiO <sub>3</sub> thin films: X-ray absorption investigation. <i>Journal of Applied Physics</i> , 2021, 130, .	1.1	1
114	Plasmonic Nanoparticles: Plasmon-Enhanced Electrocatalytic Properties of Rationally Designed Hybrid Nanostructures at a Catalytic Interface ( <i>Adv. Mater. Interfaces</i> 2/2019). <i>Advanced Materials Interfaces</i> , 2019, 6, 1970011.	1.9	0
115	(Invited) In Situ/Operando Investigations of Energy Materials with Soft and Hard X-Ray Spectroscopy. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0