

Qing Li

List of Publications by Year in descending order

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136
papers

8,478
citations

29994

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49773

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all docs

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docs citations

141
times ranked

10203
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Sn-Catalysis for Electrochemical Reduction of CO ₂ to CO via the Core/Shell Cu/SnO ₂ Structure. <i>Journal of the American Chemical Society</i> , 2017, 139, 4290-4293.	6.6	553
2	Fe Stabilization by Intermetallic L1 ₀ -FePt and Pt Catalysis Enhancement in L1 ₀ -FePt/Pt Nanoparticles for Efficient Oxygen Reduction Reaction in Fuel Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 2926-2932.	6.6	312
3	Researching the fabrication of anticorrosion superhydrophobic surface on magnesium alloy and its mechanical stability and durability. <i>Chemical Engineering Journal</i> , 2013, 228, 415-424.	6.6	238
4	NiFe (Oxy) Hydroxides Derived from NiFe Disulfides as an Efficient Oxygen Evolution Catalyst for Rechargeable Zn-Air Batteries: The Effect of Surface S Residues. <i>Advanced Materials</i> , 2018, 30, e1800757.	11.1	219
5	Atomically Dispersed Fe _x /C Electrocatalyst Boosts Oxygen Catalysis via a New Metal-Organic Polymer Supramolecule Strategy. <i>Advanced Energy Materials</i> , 2018, 8, 1801226.	10.2	216
6	Metal (M = Co, Ni) phosphate based materials for high-performance supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 11-28.	3.0	169
7	One-step controllable synthesis of amorphous (Ni-Fe) _S /NiFe(OH) hollow microtube/sphere films as superior bifunctional electrocatalysts for quasi-industrial water splitting at large-current-density. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 337-348.	10.8	169
8	Recent Progress in Electrocatalysts for Acidic Water Oxidation. <i>Advanced Energy Materials</i> , 2020, 10, 2000478.	10.2	162
9	Low-cost and large-scale fabrication method for an environmentally-friendly superhydrophobic coating on magnesium alloy. <i>Journal of Materials Chemistry</i> , 2012, 22, 4097.	6.7	152
10	Novel Method for Controllable Fabrication of a Superhydrophobic CuO Surface on AZ91D Magnesium Alloy. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4348-4356.	4.0	152
11	Tungsten-Doped L1 ₀ -PtCo Ultrasmall Nanoparticles as a High-Performance Fuel Cell Cathode. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15471-15477.	7.2	150
12	One-Step Electrodeposition of Co/CoP Film on Ni Foam for Efficient Hydrogen Evolution in Alkaline Solution. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29400-29407.	4.0	144
13	Recent Progress in Some Amorphous Materials for Supercapacitors. <i>Small</i> , 2018, 14, e1800426.	5.2	140
14	Pd Nanoparticles Coupled to WO _{2.72} Nanorods for Enhanced Electrochemical Oxidation of Formic Acid. <i>Nano Letters</i> , 2017, 17, 2727-2731.	4.5	136
15	Sub-6 nm Fully Ordered L ₁ -PtNiCo Nanoparticles Enhance Oxygen Reduction via Co Doping Induced Ferromagnetism Enhancement and Optimized Surface Strain. <i>Advanced Energy Materials</i> , 2019, 9, 1803771.	10.2	127
16	Visible-Light-Responsive Anthraquinone Functionalized Covalent Organic Frameworks for Metal-Free Selective Oxidation of Sulfides: Effects of Morphology and Structure. <i>ACS Catalysis</i> , 2020, 10, 6664-6675.	5.5	120
17	Smart Yolk/Shell ZIF-67@POM Hybrids as Efficient Electrocatalysts for the Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5027-5033.	3.2	119
18	Use of Ce to Reinforce the Interface of Ni-Rich LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode Materials for Lithium-Ion Batteries under High Operating Voltage. <i>ChemSusChem</i> , 2019, 12, 935-943.	3.6	113

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19	A novel strategy for the synthesis of highly stable ternary SiO _x composites for Li-ion-battery anodes. Journal of Materials Chemistry A, 2019, 7, 15969-15974.	5.2	112
20	Biaxial Strains Mediated Oxygen Reduction Electrocatalysis on Fenton Reaction Resistant Li ₂ O-PtZn Fuel Cell Cathode. Advanced Energy Materials, 2020, 10, 2000179.	10.2	112
21	One-Step Synthesis of Cationic Hydrogel for Efficient Dye Adsorption and Its Second Use for Emulsified Oil Separation. ACS Sustainable Chemistry and Engineering, 2017, 5, 5598-5607.	3.2	109
22	High-Rate and Cycling-Stable Nickel-Rich Cathode Materials with Enhanced Li ⁺ Diffusion Pathway. ACS Applied Materials & Interfaces, 2016, 8, 582-587.	4.0	108
23	Stabilizing CuPd Nanoparticles via CuPd Coupling to WO _{2.72} Nanorods in Electrochemical Oxidation of Formic Acid. Journal of the American Chemical Society, 2017, 139, 15191-15196.	6.6	106
24	Boosting Tunable Syngas Formation via Electrochemical CO ₂ Reduction on Cu/In ₂ O ₃ Core/Shell Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 36996-37004.	4.0	106
25	Bifunctional Atomically Dispersed MoN ₂ /C Nanosheets Boost Lithium Sulfide Deposition/Decomposition for Stable Lithium-Sulfur Batteries. ACS Nano, 2020, 14, 10115-10126.	7.3	106
26	Highly anticorrosion, self-cleaning superhydrophobic Ni-Co surface fabricated on AZ91D magnesium alloy. Surface and Coatings Technology, 2014, 251, 7-14.	2.2	103
27	Scalable Molten Salt Synthesis of Platinum Alloys Planted in Metal-Nitrogen-Graphene for Efficient Oxygen Reduction. Angewandte Chemie - International Edition, 2022, 61, .	7.2	102
28	Porous stable poly(lactic acid)/ethyl cellulose/hydroxyapatite composite scaffolds prepared by a combined method for bone regeneration. Carbohydrate Polymers, 2018, 180, 104-111.	5.1	101
29	Amorphous Co-Fe-P nanospheres for efficient water oxidation. Journal of Materials Chemistry A, 2017, 5, 25378-25384.	5.2	100
30	Researching a highly anti-corrosion superhydrophobic film fabricated on AZ91D magnesium alloy and its anti-bacteria adhesion effect. Materials Characterization, 2015, 99, 200-209.	1.9	94
31	Improving the Stability of Non-Noble-Metal N-C Catalysts for Proton-Exchange-Membrane Fuel Cells through N Bond Length and Coordination Regulation. Advanced Materials, 2021, 33, e2006613.	11.1	94
32	Structure Distortion Induced Monoclinic Nickel Hexacyanoferrate as High-Performance Cathode for Na-Ion Batteries. Advanced Energy Materials, 2019, 9, 1803158.	10.2	93
33	Facile synthesis of silk-cocoon S-rich cobalt polysulfide as an efficient catalyst for the hydrogen evolution reaction. Energy and Environmental Science, 2018, 11, 2467-2475.	15.6	91
34	Atomic-Level Fe-N Coupled with Fe ₃ C@Fe Nanocomposites in Carbon Matrixes as High-Efficiency Bifunctional Oxygen Catalysts. Small, 2020, 16, e1906057.	5.2	90
35	Fabrication and Highly Efficient Dye Removal Characterization of Beta-Cyclodextrin-Based Composite Polymer Fibers by Electrospinning. Nanomaterials, 2019, 9, 127.	1.9	82
36	Pristine Transition-Metal-Based Metal-Organic Frameworks for Electrocatalysis. ChemElectroChem, 2019, 6, 1273-1299.	1.7	78

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37	Enhanced Oxygen Evolution Reaction Activity by Encapsulating NiFe Alloy Nanoparticles in Nitrogen-Doped Carbon Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31503-31513.	4.0	78
38	Synthesis of high-performance sodium carboxymethyl cellulose-based adsorbent for effective removal of methylene blue and Pb (II). <i>International Journal of Biological Macromolecules</i> , 2019, 126, 107-117.	3.6	77
39	Graphene-Roll-Wrapped Prussian Blue Nanospheres as a High-Performance Binder-Free Cathode for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25317-25322.	4.0	75
40	Unveiling Charge Dynamics in Acetylene-Bridged Donor-Acceptor Covalent Triazine Framework for Enhanced Photoredox Catalysis. <i>ACS Catalysis</i> , 2021, 11, 7429-7441.	5.5	75
41	Efficient entrapment and catalytic conversion of lithium polysulfides on hollow metal oxide submicro-spheres as lithium-sulfur battery cathodes. <i>Nanoscale</i> , 2018, 10, 5634-5641.	2.8	74
42	Fabrication of 3D porous poly(lactic acid)-based composite scaffolds with tunable biodegradation for bone tissue engineering. <i>Materials and Design</i> , 2018, 142, 1-10.	3.3	73
43	Ultrathin Nanobelts as an Excellent Bifunctional Oxygen Catalyst: Insight into the Subtle Changes in Structure and Synergistic Effects of Bimetallic Metal-Organic Framework. <i>Small Methods</i> , 2018, 2, 1800240.	4.6	73
44	Assembling amorphous (Fe-Ni)Co-OH/Ni ₃ S ₂ nanohybrids with S-vacancy and interfacial effects as an ultra-highly efficient electrocatalyst: Inner investigation of mechanism for alkaline water-to-hydrogen/oxygen conversion. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118338.	10.8	73
45	A versatile approach for preparing self-recovering superhydrophobic coatings. <i>Chemical Engineering Journal</i> , 2016, 293, 75-81.	6.6	68
46	Weakening Intermediate Bindings on CuPd/Pd Core/shell Nanoparticles to Achieve Pt-Like Bifunctional Activity for Hydrogen Evolution and Oxygen Reduction Reactions. <i>Advanced Functional Materials</i> , 2021, 31, 2100883.	7.8	68
47	Intelligent self-healing superhydrophobic modification of cotton fabrics via surface-initiated ATRP of styrene. <i>Chemical Engineering Journal</i> , 2017, 323, 134-142.	6.6	67
48	Synthesis and Progress of New Oxygen-Vacant Electrode Materials for High-Energy Rechargeable Battery Applications. <i>Small</i> , 2018, 14, e1802193.	5.2	66
49	Porous rod-like Ni ₂ P/Ni assemblies for enhanced urea electrooxidation. <i>Nano Research</i> , 2021, 14, 1405-1412.	5.8	65
50	Self-Optimized Ligand Effect in L ₁ -PtPdFe Intermetallic for Efficient and Stable Alkaline Hydrogen Oxidation Reaction. <i>ACS Catalysis</i> , 2020, 10, 15207-15216.	5.5	64
51	Realization of a High-Voltage and High-Rate Nickel-Rich NCM Cathode Material for LIBs by Co and Ti Dual Modification. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17707-17716.	4.0	64
52	Defect-free-induced Na ⁺ disordering in electrode materials. <i>Energy and Environmental Science</i> , 2021, 14, 3130-3140.	15.6	62
53	Electrochemical corrosion behaviors and corrosion protection properties of Ni-Co alloy coating prepared on sintered NdFeB permanent magnet. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 1601-1608.	1.2	60
54	Improving the Structure Stability of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ by Surface Perovskite-like La ₂ Ni _{0.5} Li _{0.5} O ₄ Self-Assembling and Subsurface La ₃₊ Doping. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36751-36762.	4.0	59

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55	A versatile bio-based material for efficiently removing toxic dyes, heavy metal ions and emulsified oil droplets from water simultaneously. <i>Bioresource Technology</i> , 2017, 245, 649-655.	4.8	57
56	Pyridine-modulated Ni/Co bimetallic metal-organic framework nanoplates for electrocatalytic oxygen evolution. <i>Science China Materials</i> , 2021, 64, 137-148.	3.5	55
57	Structural and Morphological Engineering of Benzothiadiazole-Based Covalent Organic Frameworks for Visible Light-Driven Oxidative Coupling of Amines. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39291-39303.	4.0	55
58	Controllable synthesis of a mesoporous NiO/Ni nanorod as an excellent catalyst for urea electro-oxidation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2089-2096.	3.0	54
59	Ultrathin and defect-rich intermetallic Pd ₂ Sn nanosheets for efficient oxygen reduction electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15665-15669.	5.2	54
60	One-step electrodeposition of a hierarchically structured S-doped NiCo film as a highly-efficient electrocatalyst for the hydrogen evolution reaction. <i>Nanoscale</i> , 2018, 10, 15238-15248.	2.8	52
61	F-Doped NaTi ₂ (PO ₄) ₃ /C Nanocomposite as a High-Performance Anode for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3116-3124.	4.0	52
62	Interface Engineering of Crystalline/Amorphous Co ₂ P/CoMoP _x Nanostructure as Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2437-2445.	3.2	51
63	Promoting C ₂₊ Production from Electrochemical CO ₂ Reduction on Shape-Controlled Cuprous Oxide Nanocrystals with High-Index Facets. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15223-15229.	3.2	51
64	A High-Efficiency Electrocatalyst for Oxidizing Glucose: Ultrathin Nanosheet Co-Based Organic Framework Assemblies. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8986-8992.	3.2	48
65	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 451-455.	7.2	47
66	3D porous poly(μ -caprolactone)/58S bioactive glass/sodium alginate/gelatin hybrid scaffolds prepared by a modified melt molding method for bone tissue engineering. <i>Materials and Design</i> , 2018, 160, 1-8.	3.3	46
67	Elemental selenium enables enhanced water oxidation electrocatalysis of NiFe layered double hydroxides. <i>Nanoscale</i> , 2019, 11, 17376-17383.	2.8	46
68	New P2-Type Honeycomb-Layered Sodium-Ion Conductor: Na ₂ Mg ₂ TeO ₆ . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15760-15766.	4.0	44
69	Nickel Oxide/Graphene Composites: Synthesis and Applications. <i>Chemistry - A European Journal</i> , 2019, 25, 2141-2160.	1.7	44
70	NiO nanoparticles decorated hexagonal Nickel-based metal-organic framework: Self-template synthesis and its application in electrochemical energy storage. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 709-718.	5.0	44
71	A P2-Type Layered Superionic Conductor Ga-Doped Na ₂ Zn ₂ TeO ₆ for All-Solid-State Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 1057-1061.	1.7	42
72	Modified cellulose membrane with good durability for effective oil-in-water emulsion treatment. <i>Journal of Cleaner Production</i> , 2019, 211, 1463-1470.	4.6	41

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73	In Situ FTIR-Assisted Synthesis of Nickel Hexacyanoferrate Cathodes for Long-Life Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 29985-29992.	4.0	39
74	Effective Approaches for Designing Stable Ni ₂ C Oxygen-Reduction Catalysts for Proton-Exchange-Membrane Fuel Cells. Advanced Materials, 2022, 34, e2200595.	11.1	38
75	Ultrathin Nanosheet Ni-Metal Organic Framework Assemblies for High-Efficiency Ascorbic Acid Electrocatalysis. ChemElectroChem, 2018, 5, 3859-3865.	1.7	37
76	The electrochemical corrosion behavior of sealed Ni-TiO ₂ composite coating for sintered NdFeB magnet. Journal of Applied Electrochemistry, 2010, 40, 39-47.	1.5	35
77	3D hierarchical porous Co _{1-x} S@C derived from a ZIF-67 single crystals self-assembling superstructure with superior pseudocapacitance. Journal of Materials Chemistry A, 2019, 7, 17248-17253.	5.2	34
78	Fabrication of superhydrophobic wood surface with enhanced environmental adaptability through a solution-immersion process. Surface and Coatings Technology, 2015, 277, 262-269.	2.2	31
79	One step phase separation process to fabricate superhydrophobic PVC films and its corrosion prevention for AZ91D magnesium alloy. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 209, 1-9.	1.7	31
80	Highly crystalline nickel hexacyanoferrate as a long-life cathode material for sodium-ion batteries. RSC Advances, 2020, 10, 27033-27041.	1.7	31
81	Tungsten-Doped Li ₂ O-PtCo Ultrasmall Nanoparticles as a High-Performance Fuel Cell Cathode. Angewandte Chemie, 2019, 131, 15617-15623.	1.6	30
82	A solving-precipitation theory for self-healing functionality of stannate coating with a high environmental stability. Electrochimica Acta, 2015, 174, 1192-1201.	2.6	29
83	One-pot formic acid dehydrogenation and synthesis of benzene-fused heterocycles over reusable AgPd/WO _{2.72} nanocatalyst. Journal of Materials Chemistry A, 2018, 6, 23766-23772.	5.2	29
84	Constructing Co-Ni-C Catalyst via a Double Crosslinking Hydrogel Strategy for Enhanced Oxygen Reduction Catalysis in Fuel Cells. Small, 2021, 17, e2100735.	5.2	29
85	Morphology Control and Structural Characterization of Au Crystals: From Twinned Tabular Crystals and Single-Crystalline Nanoplates to Multitwinned Decahedra. Crystal Growth and Design, 2009, 9, 3211-3217.	1.4	28
86	Facile Synthesis of Mesoporous and Thin-Walled Ni-Co Sulfide Nanotubes as Efficient Electrocatalysts for Oxygen Evolution Reaction. ACS Applied Energy Materials, 2018, 1, 495-502.	2.5	28
87	Constructing ultrathin FeS/FeO H@Fe nano-sheets for highly efficient oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 594, 575-583.	5.0	27
88	Novel Cerium Hexacyanoferrate(II) as Cathode Material for Sodium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 187-191.	2.5	26
89	Accelerated polysulfide conversion on hierarchical porous vanadium-nitrogen-carbon for advanced lithium-sulfur batteries. Nanoscale, 2020, 12, 584-590.	2.8	26
90	Bimetallic Co/Mo ₂ C Nanoparticles Embedded in 3D Hierarchical N-Doped Carbon Heterostructures as Highly Efficient Electrocatalysts for Water Splitting. ChemCatChem, 2020, 12, 3737-3745.	1.8	26

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91	Metal-Organic Framework-Based Sulfur-Loaded Materials. <i>Energy and Environmental Materials</i> , 2022, 5, 215-230.	7.3	24
92	Engineering the atomic arrangement of bimetallic catalysts for electrochemical CO ₂ reduction. <i>Chemical Communications</i> , 2021, 57, 1839-1854.	2.2	23
93	Effect of the physiological stabilization process on the corrosion behaviour and surface biocompatibility of AZ91D magnesium alloy. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6213.	2.9	22
94	Scalable Molten Salt Synthesis of Platinum Alloys Planted in Metal-Nitrogen-Graphene for Efficient Oxygen Reduction. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	22
95	Fabrication of superhydrophobic surface with controlled adhesion by designing heterogeneous chemical composition. <i>Applied Surface Science</i> , 2015, 349, 516-523.	3.1	21
96	Construction of an N-Decorated Carbon-Encapsulated W ₂ C/WP Heterostructure as an Efficient Electrocatalyst for Hydrogen Evolution in Both Alkaline and Acidic Media. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53955-53964.	4.0	20
97	Local Structural Changes and Inductive Effects on Ion Conduction in Antiperovskite Solid Electrolytes. <i>Chemistry of Materials</i> , 2020, 32, 8827-8835.	3.2	19
98	Correlation between Potassium-Ion Storage Mechanism and Local Structural Evolution in Hard Carbon Materials. <i>Chemistry of Materials</i> , 2022, 34, 4202-4211.	3.2	19
99	A new layered titanate Na ₂ Li ₂ Ti ₅ O ₁₂ as a high-performance intercalation anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22208-22215.	5.2	18
100	Self-Supported Ni/NiSP Microdendrite Structure for Highly Efficient and Stable Overall Water Splitting in Simulated Industrial Environment. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11778-11786.	3.2	18
101	Fabrication of robust 3D superhydrophobic material by a simple and low-cost method for oil-water separation and oil absorption. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 224, 117-124.	1.7	17
102	Improving activity of Ni ₃ P/Mn hybrid film via electrochemical tuning for water splitting under simulated industrial environment. <i>Electrochimica Acta</i> , 2019, 324, 134897.	2.6	17
103	An effective dual-modification strategy to enhance the performance of LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ cathode for Li-ion batteries. <i>Nanoscale</i> , 2021, 13, 4670-4677.	2.8	17
104	Synthesis of an <i>in situ</i> core-shell interlink ultrathin-nanosheet Fe@Fe _x NiO/Ni@Ni _y CoP nanohybrid by scalable layer-to-layer assembly strategy as an ultra-highly efficient bifunctional electrocatalyst for alkaline/neutral water reduction/oxidation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5833-5847.	5.2	17
105	Local Structures of Soft Carbon and Electrochemical Performance of Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28261-28269.	4.0	17
106	Interstitial B-Doping in Pt Lattice to Upgrade Oxygen Electroreduction Performance. <i>ACS Catalysis</i> , 2022, 12, 8848-8856.	5.5	17
107	A versatile porous 3D polyurethane/polyacrylic acid (PU-PAA) membrane for one-step multiple contaminants water purification. <i>Journal of Membrane Science</i> , 2018, 563, 191-198.	4.1	16
108	Yolk@Shell Structured MnS@Nitrogen-Doped Carbon as a Sulfur Host and Polysulfide Conversion Booster for Lithium/Sodium Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 3487-3494.	2.5	16

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109	Preparation of novel functional Mg/O/PCL/ZnO composite biomaterials and their corrosion resistance. <i>Applied Surface Science</i> , 2015, 351, 410-415.	3.1	15
110	Bi-directional controlled release of ibuprofen and Mg ²⁺ from magnesium alloys coated by multifunctional composite. <i>Materials Science and Engineering C</i> , 2016, 68, 512-518.	3.8	15
111	Preparation of a stable superhydrophobic boat for efficient separation and removal of oil from water. <i>RSC Advances</i> , 2016, 6, 53813-53820.	1.7	14
112	Synthesis of Co _{0.5} Mn _{0.1} Ni _{0.4} C ₂ O ₄ ⋯ <i>n</i> · <i>x</i> H ₂ O Micropolyhedrons: Multimetal Synergy for High-Performance Glucose Oxidation Catalysis. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2259-2265.	1.7	14
113	Generating highly active Ni ₁₁ (HPO ₃) ₈ (OH) ₆ /Mn ₃ O ₄ catalyst for electrocatalytic hydrogen evolution reaction by electrochemical activation. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 714-721.	5.0	14
114	Corrosion Behavior of AZ91D Magnesium Alloy in Three Different Physiological Environments. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 181-186.	1.2	13
115	Functionalization of biodegradable PLA nonwoven fabrics as super-wetting membranes for simultaneous efficient dye and oil/water separation. <i>New Journal of Chemistry</i> , 2019, 43, 9696-9705.	1.4	13
116	Constructing Double-Layer CoP/CeO ₂ · <i>x</i> H ₂ O Hybrid Catalysts for Alkaline and Neutral Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11981-11990.	3.2	13
117	Molybdenum-doped ordered L ₁ -PdZn nanosheets for enhanced oxygen reduction electrocatalysis. <i>SusMat</i> , 2022, 2, 347-356.	7.8	13
118	A High Rate and Stable Hybrid Li/Na-ion Battery Based on a Hydrated Molten Inorganic Salt Electrolyte. <i>Small</i> , 2021, 17, e2101650.	5.2	12
119	Redox potential regulation toward suppressing hydrogen evolution in aqueous sodium-ion batteries: Na _{1.5} Ti _{1.5} Fe _{0.5} (PO ₄) ₃ . <i>Journal of Materials Chemistry A</i> , 2019, 7, 24953-24963.	5.2	10
120	Core@shell Sb@Sb ₂ O ₃ nanoparticles anchored on 3D nitrogen-doped carbon nanosheets as advanced anode materials for Li-ion batteries. <i>Nanoscale Advances</i> , 2020, 2, 5578-5583.	2.2	9
121	Acetylene/Vinylene-Bridged Conjugated Covalent Triazine Polymers for Photocatalytic Aerobic Oxidation Reactions under Visible Light Irradiation. <i>ChemSusChem</i> , 2022, 15, .	3.6	9
122	A novel functional HPPS/PCL/ZnO composite layer on AZ91 for anticorrosion. <i>Materials Letters</i> , 2015, 148, 134-137.	1.3	7
123	Sublimated Se-Induced Formation of Dual-Conductive Surface Layers for High-Performance Ni-Rich Layered Cathodes. <i>ChemElectroChem</i> , 2021, 8, 4207-4217.	1.7	7
124	Fabrication of multifunctional CaP-TC composite coatings and the corrosion protection they provide for magnesium alloys. <i>Biomedizinische Technik</i> , 2017, 62, 375-381.	0.9	6
125	Defect-Rich Copper-Doped Ruthenium Hollow Nanoparticles for Efficient Hydrogen Evolution Electrocatalysis in Alkaline Electrolyte. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2868-2872.	1.7	6
126	Hard carbon spheres prepared by a modified Stober method as anode material for high-performance potassium-ion batteries. <i>RSC Advances</i> , 2021, 11, 14883-14890.	1.7	6

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127	Aqueous Phase Approach to Au-Modified Pt-Co/C toward Efficient and Durable Cathode Catalyst of PEMFCs. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23821-23829.	1.5	6
128	Oxygen Reduction: Biaxial Strains Mediated Oxygen Reduction Electrocatalysis on Fenton Reaction Resistant Li ₂ O-PtZn Fuel Cell Cathode (<i>Adv. Energy Mater.</i> 29/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070124.	10.2	5
129	Study on the corrosion resistance and anti-infection of modified magnesium alloy. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 339-345.	0.4	4
130	Boosting Li/Na storage performance of graphite by defect engineering. <i>RSC Advances</i> , 2021, 11, 22297-22304.	1.7	3
131	A novel multilayer model with controllable mechanical properties for magnesium-based bone plates. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 164.	1.7	2
132	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. <i>Angewandte Chemie</i> , 2018, 130, 460-464.	1.6	2
133	Facile Synthesis of Zn/N-doped CuO and Their Application in Oxygen Evolution Reaction. <i>ChemistrySelect</i> , 2018, 3, 12205-12209.	0.7	2
134	Waste Tire Heat Treatment to Prepare Sulfur Self-Doped Char: Operando Insight into Activation Mechanisms Based on the Char Structures Evolution. <i>Processes</i> , 2021, 9, 1622.	1.3	1
135	A novel fixing method for Mg-based specimens used in the in-vitro immersion test. <i>Anti-Corrosion Methods and Materials</i> , 2017, 64, 405-408.	0.6	0
136	Some MoS ₂ -Based Materials for Sodium-Ion Battery. , 2021, , 111-126.		0