

Bei Long

List of Publications by Year in descending order

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307
all docs

307
docs citations

307
times ranked

29138
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible solid-state supercapacitors: design, fabrication and applications. Energy and Environmental Science, 2014, 7, 2160.	15.6	1,156
2	Flexible Energy Storage Devices: Design Consideration and Recent Progress. Advanced Materials, 2014, 26, 4763-4782.	11.1	1,153
3	Dendrite-Free Zinc Deposition Induced by Multifunctional CNT Frameworks for Stable Flexible Zn Ion Batteries. Advanced Materials, 2019, 31, e1903675.	11.1	780
4	Polyaniline and Polypyrrole Pseudocapacitor Electrodes with Excellent Cycling Stability. Nano Letters, 2014, 14, 2522-2527.	4.5	688
5	Solid-State Supercapacitor Based on Activated Carbon Cloths Exhibits Excellent Rate Capability. Advanced Materials, 2014, 26, 2676-2682.	11.1	660
6	WO ₃ @Au@MnO ₂ Core-Shell Nanowires on Carbon Fabric for High-Performance Flexible Supercapacitors. Advanced Materials, 2012, 24, 938-944.	11.1	641
7	Stabilized TiN Nanowire Arrays for High-Performance and Flexible Supercapacitors. Nano Letters, 2012, 12, 5376-5381.	4.5	627
8	FeOOH/Co/FeOOH Hybrid Nanotube Arrays as High-Performance Electrocatalysts for the Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2016, 55, 3694-3698.	7.2	611
9	Design and Synthesis of FeOOH/CeO ₂ Heterolayered Nanotube Electrocatalysts for the Oxygen Evolution Reaction. Advanced Materials, 2016, 28, 4698-4703.	11.1	592
10	Achieving Ultrahigh Energy Density and Long Durability in a Flexible Rechargeable Quasi-Solid-State Zn-MnO ₂ Battery. Advanced Materials, 2017, 29, 1700274.	11.1	572
11	Efficient Hydrogen Evolution on Cu Nanodots-Decorated Ni ₃ S ₂ Nanotubes by Optimizing Atomic Hydrogen Adsorption and Desorption. Journal of the American Chemical Society, 2018, 140, 610-617.	6.6	563
12	A review of carbon materials and their composites with alloy metals for sodium ion battery anodes. Carbon, 2016, 98, 162-178.	5.4	527
13	Hierarchical NiCo ₂ O ₄ nanosheets@hollow microrod arrays for high-performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2014, 2, 4706-4713.	5.2	488
14	Facile synthesis of large-area manganese oxide nanorod arrays as a high-performance electrochemical supercapacitor. Energy and Environmental Science, 2011, 4, 2915.	15.6	479
15	Activating CoOOH Porous Nanosheet Arrays by Partial Iron Substitution for Efficient Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2018, 57, 2672-2676.	7.2	474
16	Co ₃ O ₄ /Ni(OH) ₂ composite mesoporous nanosheet networks as a promising electrode for supercapacitor applications. Journal of Materials Chemistry, 2012, 22, 5656.	6.7	471
17	Nitrogen-Doped Co ₃ O ₄ Mesoporous Nanowire Arrays as an Additive-Free Air Cathode for Flexible Solid-State Zinc-Air Batteries. Advanced Materials, 2017, 29, 1602868.	11.1	428
18	Pt-like Hydrogen Evolution Electrocatalysis on PANI/CoP Hybrid Nanowires by Weakening the Shackles of Hydrogen Ions on the Surfaces of Catalysts. Journal of the American Chemical Society, 2018, 140, 5118-5126.	6.6	425

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19	Advanced Ti-Doped Fe ₂ O ₃ @PEDOT Core/Shell Anode for High-Energy Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , 2015, 5, 1402176.	10.2	416
20	Flexible Zn-Ion Batteries: Recent Progresses and Challenges. <i>Small</i> , 2019, 15, e1804760.	5.2	412
21	WO ₃ /MoO ₃ Core/Shell Nanowires on Carbon Fabric as an Anode for All-Solid-State Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , 2012, 2, 1328-1332.	10.2	401
22	Recent advances in metal nitrides as high-performance electrode materials for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1364-1387.	5.2	396
23	A Novel Exfoliation Strategy to Significantly Boost the Energy Storage Capability of Commercial Carbon Cloth. <i>Advanced Materials</i> , 2015, 27, 3572-3578.	11.1	384
24	Oxygen Vacancy Induced Bismuth Oxyiodide with Remarkably Increased Visible-Light Absorption and Superior Photocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22920-22927.	4.0	370
25	±-Fe ₂ O ₃ @PANI Core-Shell Nanowire Arrays as Negative Electrodes for Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14843-14850.	4.0	369
26	Porous Microrod Arrays Constructed by Carbon-Confined NiCo@NiCoO ₂ Core@Shell Nanoparticles as Efficient Electrocatalysts for Oxygen Evolution. <i>Advanced Materials</i> , 2018, 30, e1705442.	11.1	366
27	Iron-Based Supercapacitor Electrodes: Advances and Challenges. <i>Advanced Energy Materials</i> , 2016, 6, 1601053.	10.2	358
28	Updates on the development of nanostructured transition metal nitrides for electrochemical energy storage and water splitting. <i>Materials Today</i> , 2017, 20, 425-451.	8.3	339
29	Sponge-Like Piezoelectric Polymer Films for Scalable and Integratable Nanogenerators and Self-Powered Electronic Systems. <i>Advanced Energy Materials</i> , 2014, 4, 1301624.	10.2	326
30	An Ultrastable and High-Performance Flexible Fiber-Shaped Ni-Zn Battery based on a Ni-NiO Heterostructured Nanosheet Cathode. <i>Advanced Materials</i> , 2017, 29, 1702698.	11.1	314
31	Boosting Zn-Ion Energy Storage Capability of Hierarchically Porous Carbon by Promoting Chemical Adsorption. <i>Advanced Materials</i> , 2019, 31, e1904948.	11.1	304
32	Efficient Hydrogen Evolution Electrocatalysis Using Cobalt Nanotubes Decorated with Titanium Dioxide Nanodots. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2960-2964.	7.2	303
33	Co(OH) ₂ @PANI Hybrid Nanosheets with 3D Networks as High-Performance Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2015, 27, 7051-7057.	11.1	294
34	Boosting the Energy Density of Carbon-Based Aqueous Supercapacitors by Optimizing the Surface Charge. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5454-5459.	7.2	292
35	Scalable self-growth of Ni@NiO core-shell electrode with ultrahigh capacitance and super-long cyclic stability for supercapacitors. <i>NPG Asia Materials</i> , 2014, 6, e129-e129.	3.8	284
36	High-performance flexible quasi-solid-state Zn-MnO ₂ battery based on MnO ₂ nanorod arrays coated 3D porous nitrogen-doped carbon cloth. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14838-14846.	5.2	273

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37	Single-crystal ZnO nanorod/amorphous and nanoporous metal oxide shell composites: Controllable electrochemical synthesis and enhanced supercapacitor performances. <i>Energy and Environmental Science</i> , 2011, 4, 1288.	15.6	271
38	Bifunctional catalytic material: An ultrastable and high-performance surface defect CeO ₂ nanosheets for formaldehyde thermal oxidation and photocatalytic oxidation. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 779-787.	10.8	268
39	Nitrogen treatment generates tunable nanohybridization of Ni ₅ P ₄ nanosheets with nickel hydr(oxy)oxides for efficient hydrogen production in alkaline, seawater and acidic media. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 181-194.	10.8	260
40	Multiscale Pore Network Boosts Capacitance of Carbon Electrodes for Ultrafast Charging. <i>Nano Letters</i> , 2017, 17, 3097-3104.	4.5	251
41	Dual-doped Molybdenum Trioxide Nanowires: A Bifunctional Anode for Fiber-shaped Asymmetric Supercapacitors and Microbial Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6762-6766.	7.2	230
42	Electrochemical Synthesis of Polyaniline Nanobelts with Predominant Electrochemical Performances. <i>Macromolecules</i> , 2010, 43, 2178-2183.	2.2	223
43	Heterojunction Architecture of N-doped WO ₃ Nanobundles with Ce ₂ S ₃ Nanodots Hybridized on a Carbon Textile Enables a Highly Efficient Flexible Photocatalyst. <i>Advanced Functional Materials</i> , 2019, 29, 1903490.	7.8	223
44	Flexible Ultrafast Aqueous Rechargeable Ni//Bi Battery Based on Highly Durable Single-crystalline Bismuth Nanostructured Anode. <i>Advanced Materials</i> , 2016, 28, 9188-9195.	11.1	220
45	Charge Relays via Dual Carbon Actions on Nanostructured BiVO ₄ for High Performance Photoelectrochemical Water Splitting. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	219
46	Achieving high gravimetric energy density for flexible lithium-ion batteries facilitated by core-double-shell electrodes. <i>Energy and Environmental Science</i> , 2018, 11, 1859-1869.	15.6	216
47	Silica-Polypyrrole Hybrids as High-Performance Metal-Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8120-8124.	7.2	214
48	Controllable synthesis of porous nickel-cobalt oxide nanosheets for supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 13357.	6.7	207
49	Morphology and Doping Engineering of Sn-Doped Hematite Nanowire Photoanodes. <i>Nano Letters</i> , 2017, 17, 2490-2495.	4.5	204
50	Three-dimensional nickel nitride (Ni ₃ N) nanosheets: free standing and flexible electrodes for lithium ion batteries and supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9844-9849.	5.2	203
51	Valence-Optimized Vanadium Oxide Supercapacitor Electrodes Exhibit Ultrahigh Capacitance and Super-long Cyclic Durability of 100 000 Cycles. <i>Advanced Functional Materials</i> , 2015, 25, 3534-3540.	7.8	200
52	Asymmetric Paper Supercapacitor Based on Amorphous Porous Mn ₃ O ₄ Negative Electrode and Ni(OH) ₂ Positive Electrode: A Novel and High-Performance Flexible Electrochemical Energy Storage Device. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11444-11451.	4.0	198
53	A review of the development of full cell lithium-ion batteries: The impact of nanostructured anode materials. <i>Nano Research</i> , 2016, 9, 2823-2851.	5.8	198
54	A monolithic metal-free electrocatalyst for oxygen evolution reaction and overall water splitting. <i>Energy and Environmental Science</i> , 2016, 9, 3411-3416.	15.6	197

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55	A Facile Activation Strategy for an MOF-Derived Metal-Free Oxygen Reduction Reaction Catalyst: Direct Access to Optimized Pore Structure and Nitrogen Species. <i>ACS Catalysis</i> , 2017, 7, 6082-6088.	5.5	188
56	High power density nitridated hematite (γ -Fe ₂ O ₃) nanorods as anode for high-performance flexible lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 308, 7-17.	4.0	182
57	Binder-free Fe ₂ N nanoparticles on carbon textile with high power density as novel anode for high-performance flexible lithium ion batteries. <i>Nano Energy</i> , 2015, 11, 348-355.	8.2	180
58	ZnO@MoO ₃ core/shell nanocables: facile electrochemical synthesis and enhanced supercapacitor performances. <i>Journal of Materials Chemistry</i> , 2011, 21, 4217.	6.7	178
59	Holey Tungsten Oxynitride Nanowires: Novel Anodes Efficiently Integrate Microbial Chemical Energy Conversion and Electrochemical Energy Storage. <i>Advanced Materials</i> , 2015, 27, 3085-3091.	11.1	177
60	Cost-effective Alkaline Water Electrolysis Based on Nitrogen- and Phosphorus-Doped Self-Supportive Electrocatalysts. <i>Advanced Materials</i> , 2017, 29, 1702095.	11.1	175
61	Quantitative Detection of Photothermal and Photoelectrocatalytic Effects Induced by SPR from Au@Pt Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11462-11466.	7.2	169
62	All-flexible lithium ion battery based on thermally-etched porous carbon cloth anode and cathode. <i>Nano Energy</i> , 2016, 26, 446-455.	8.2	167
63	Engineering Thin MoS ₂ Nanosheets on TiN Nanorods: Advanced Electrochemical Capacitor Electrode and Hydrogen Evolution Electrocatalyst. <i>ACS Energy Letters</i> , 2017, 2, 1862-1868.	8.8	167
64	Co-based MOF-derived Co/CoN/Co ₂ P ternary composite embedded in N- and P-doped carbon as bifunctional nanocatalysts for efficient overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 11402-11410.	3.8	167
65	Enhancing the Capacitive Storage Performance of Carbon Fiber Textile by Surface and Structural Modulation for Advanced Flexible Asymmetric Supercapacitors. <i>Advanced Functional Materials</i> , 2019, 29, 1806329.	7.8	167
66	A novel highly luminescent LnMOF film: a convenient sensor for Hg ²⁺ detecting. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11312.	5.2	166
67	Cerium-based hybrid nanorods for synergetic photo-thermocatalytic degradation of organic pollutants. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24740-24747.	5.2	164
68	Solar driven hydrogen releasing from urea and human urine. <i>Energy and Environmental Science</i> , 2012, 5, 8215.	15.6	160
69	Carbon Quantum Dot Surface-Engineered VO ₂ Interwoven Nanowires: A Flexible Cathode Material for Lithium and Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9733-9744.	4.0	158
70	Efficient Charges Separation Using Advanced BiOI-Based Hollow Spheres Decorated with Palladium and Manganese Dioxide Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2751-2757.	3.2	157
71	Building Three-Dimensional Graphene Frameworks for Energy Storage and Catalysis. <i>Advanced Functional Materials</i> , 2015, 25, 324-330.	7.8	156
72	Polyaniline nanotube arrays as high-performance flexible electrodes for electrochemical energy storage devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 2401.	6.7	149

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73	Water Surface Assisted Synthesis of Large-Scale Carbon Nanotube Film for High-Performance and Stretchable Supercapacitors. <i>Advanced Materials</i> , 2014, 26, 4724-4729.	11.1	148
74	Ni ₂ P-CoP hybrid nanosheet arrays supported on carbon cloth as an efficient flexible cathode for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16992-16999.	5.2	148
75	Recent Smart Methods for Achieving High-Energy Asymmetric Supercapacitors. <i>Small Methods</i> , 2018, 2, 1700230.	4.6	147
76	A Confinement Strategy for Stabilizing ZIF-Derived Bifunctional Catalysts as a Benchmark Cathode of Flexible All-Solid-State Zinc-Air Batteries. <i>Advanced Materials</i> , 2018, 30, e1805268.	11.1	147
77	Ostwald Ripening Improves Rate Capability of High Mass Loading Manganese Oxide for Supercapacitors. <i>ACS Energy Letters</i> , 2017, 2, 1752-1759.	8.8	146
78	Facile synthesis of titanium nitride nanowires on carbon fabric for flexible and high-rate lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10825-10829.	5.2	145
79	Enhanced BiVO ₄ Photoanode Photoelectrochemical Performance via Borate Treatment and a NiFeOx Cocatalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8306-8314.	3.2	144
80	Enhanced Catalytic Activity and Stability of Pt/CeO ₂ /PANI Hybrid Hollow Nanorod Arrays for Methanol Electro-oxidation. <i>ACS Catalysis</i> , 2016, 6, 5198-5206.	5.5	140
81	In Situ Activation of 3D Porous Bi/Carbon Architectures: Toward High-Energy and Stable Nickel-Bismuth Batteries. <i>Advanced Materials</i> , 2018, 30, e1707290.	11.1	139
82	Three dimensional architectures: design, assembly and application in electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15792-15823.	5.2	135
83	Ceria and ceria-based nanostructured materials for photoenergy applications. <i>Nano Energy</i> , 2017, 34, 313-337.	8.2	134
84	Acid Treatment Enables Suppression of Electron-Hole Recombination in Hematite for Photoelectrochemical Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3403-3407.	7.2	132
85	Oxygen Defects in Promoting the Electrochemical Performance of Metal Oxides for Supercapacitors: Recent Advances and Challenges. <i>Small Methods</i> , 2020, 4, 1900823.	4.6	129
86	FeOOH/Co/FeOOH Hybrid Nanotube Arrays as High-Performance Electrocatalysts for the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2016, 128, 3758-3762.	1.6	128
87	Phase Boundary Derived Pseudocapacitance Enhanced Nickel-Based Composites for Electrochemical Energy Storage Devices. <i>Advanced Energy Materials</i> , 2018, 8, 1701681.	10.2	124
88	Nickel@Nickel Oxide Core-Shell Electrode with Significantly Boosted Reactivity for Ultrahigh-Energy and Stable Aqueous Ni-Zn Battery. <i>Advanced Functional Materials</i> , 2018, 28, 1802157.	7.8	123
89	Redox cycles promoting photocatalytic hydrogen evolution of CeO ₂ nanorods. <i>Journal of Materials Chemistry</i> , 2011, 21, 5569.	6.7	120
90	Efficient Hydrogen Evolution Activity and Overall Water Splitting of Metallic Co ₄ N Nanowires through Tunable d-Orbitals with Ultrafast Incorporation of FeOOH. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5152-5158.	4.0	120

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91	An Electrochemical Capacitor with Applicable Energy Density of 7.4 Wh/kg at Average Power Density of 3000 W/kg. <i>Nano Letters</i> , 2015, 15, 3189-3194.	4.5	118
92	Vanadium Nitride Nanowire Supported SnS ₂ Nanosheets with High Reversible Capacity as Anode Material for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23205-23215.	4.0	115
93	Nitrogen and Phosphorus Codoped Vertical Graphene/Carbon Cloth as a Binder-Free Anode for Flexible Advanced Potassium Ion Full Batteries. <i>Small</i> , 2019, 15, e1901285.	5.2	115
94	Titanium dioxide@titanium nitride nanowires on carbon cloth with remarkable rate capability for flexible lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 272, 946-953.	4.0	114
95	An electrochemical method to enhance the performance of metal oxides for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2849-2855.	5.2	114
96	Large-Scale Electric-Field Confined Silicon with Optimized Charge-Transfer Kinetics and Structural Stability for High-Rate Lithium-Ion Batteries. <i>ACS Nano</i> , 2020, 14, 7066-7076.	7.3	114
97	The roles of defect states in photoelectric and photocatalytic processes for Zn _x Cd _{1-x} S. <i>Energy and Environmental Science</i> , 2011, 4, 466-470.	15.6	112
98	Improving the photoelectrochemical and photocatalytic performance of CdO nanorods with CdS decoration. <i>CrystEngComm</i> , 2013, 15, 4212.	1.3	110
99	Oxygen Defect Modulated Titanium Niobium Oxide on Graphene Arrays: An Open-Door for High-Performance 1.4 V Symmetric Supercapacitor in Acidic Aqueous Electrolyte. <i>Advanced Functional Materials</i> , 2018, 28, 1805618.	7.8	110
100	Rational design of atomically dispersed nickel active sites in $\text{I}^2\text{-Mo}_2\text{C}$ for the hydrogen evolution reaction at all pH values. <i>Chemical Communications</i> , 2018, 54, 9901-9904.	2.2	110
101	Enhanced Efficiency of Electron-Hole Separation in Bi ₂ O ₃ CO ₃ for Photocatalysis via Acid Treatment. <i>ChemCatChem</i> , 2018, 10, 1982-1987.	1.8	104
102	Emerging porous materials in confined spaces: from chromatographic applications to flow chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 2566-2595.	18.7	103
103	Sulphur-doped Co ₃ O ₄ nanowires as an advanced negative electrode for high-energy asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10779-10785.	5.2	101
104	Remarkable photoelectrochemical performance of carbon dots sensitized TiO ₂ under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16365-16368.	5.2	100
105	Oxygen vacancy-based metal oxides photoanodes in photoelectrochemical water splitting. <i>Materials Today Sustainability</i> , 2022, 18, 100118.	1.9	100
106	3D CNTs Networks Enable MnO ₂ Cathodes with High Capacity and Superior Rate Capability for Flexible Rechargeable Zn-MnO ₂ Batteries. <i>Small Methods</i> , 2019, 3, 1900525.	4.6	99
107	Polypyrrole-encapsulated amorphous Bi ₂ S ₃ hollow sphere for long life sodium ion batteries and lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11370-11378.	5.2	99
108	Pt Nanorods Aggregates with Enhanced Electrocatalytic Activity toward Methanol Oxidation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19175-19181.	1.5	98

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109	Engineering of Mesoscale Pores in Balancing Mass Loading and Rate Capability of Hematite Films for Electrochemical Capacitors. <i>Advanced Energy Materials</i> , 2018, 8, 1801784.	10.2	97
110	Activated carbon fiber paper with exceptional capacitive performance as a robust electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5828-5833.	5.2	95
111	Defect Engineering of Bismuth Oxide by IO_3^- Doping for Increasing Charge Transport in Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27859-27867.	4.0	93
112	Dual Doping Induced Interfacial Engineering of $\text{Fe}_2\text{N}/\text{Fe}_3\text{N}$ Hybrids with Favorable δ Band towards Efficient Overall Water Splitting. <i>ChemCatChem</i> , 2019, 11, 6051-6060.	1.8	92
113	Intermediates Adsorption Engineering of CO_2 Electroreduction Reaction in Highly Selective Heterostructure Cu-Based Electrocatalysts for CO Production. <i>Advanced Energy Materials</i> , 2019, 9, 1901396.	10.2	92
114	Asymmetric supercapacitors with high energy density based on helical hierarchical porous Na_xMnO_2 and MoO_2 . <i>Chemical Science</i> , 2016, 7, 510-517.	3.7	89
115	Binder-free WS_2 nanosheets with enhanced crystallinity as a stable negative electrode for flexible asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21460-21466.	5.2	89
116	Synthesis, crystal structures and properties of six cubane-like transition metal complexes of di-2-pyridyl ketone in gem-diol form. <i>Dalton Transactions RSC</i> , 2002, , 1727-1734.	2.3	88
117	Tunable Wavelength Enhanced Photoelectrochemical Cells from Surface Plasmon Resonance. <i>Journal of the American Chemical Society</i> , 2016, 138, 16204-16207.	6.6	87
118	Porous CeO_2 nanowires/nanowire arrays: electrochemical synthesis and application in water treatment. <i>Journal of Materials Chemistry</i> , 2010, 20, 7118.	6.7	86
119	Designing Carbon Based Supercapacitors with High Energy Density: A Summary of Recent Progress. <i>Chemistry - A European Journal</i> , 2018, 24, 7312-7329.	1.7	86
120	A Flexible Microsupercapacitor with Integral Photocatalytic Fuel Cell for Self-Charging. <i>ACS Nano</i> , 2019, 13, 8246-8255.	7.3	86
121	Enhanced photoactivity and stability of carbon and nitrogen co-treated ZnO nanorod arrays for photoelectrochemical water splitting. <i>Journal of Materials Chemistry</i> , 2012, 22, 14272.	6.7	85
122	A review of negative electrode materials for electrochemical supercapacitors. <i>Science China Technological Sciences</i> , 2015, 58, 1799-1808.	2.0	84
123	Recent advances and challenges of stretchable supercapacitors based on carbon materials. <i>Science China Materials</i> , 2016, 59, 475-494.	3.5	83
124	Enhancing the Photocatalytic Performance of BiOCl by Introducing Surface Disorders and Bi Nanoparticles as Cocatalyst. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500249.	1.9	82
125	Zippering Up $\text{NiFe}(\text{OH})_2$ -Encapsulated Hematite To Achieve an Ultralow Turn-On Potential for Water Oxidation. <i>ACS Energy Letters</i> , 2019, 4, 1983-1990.	8.8	82
126	Alkali-modified non-precious metal $3\text{D-NiCo}_2\text{O}_4$ nanosheets for efficient formaldehyde oxidation at low temperature. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3648-3654.	5.2	81

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127	Ultrathin Bi ₂ MoO ₆ Nanosheets for Photocatalysis: Performance Enhancement by Atomic Interfacial Engineering. <i>ChemistrySelect</i> , 2018, 3, 7423-7428.	0.7	81
128	Monodisperse CeO ₂ /CdS heterostructured spheres: one-pot synthesis and enhanced photocatalytic hydrogen activity. <i>RSC Advances</i> , 2011, 1, 1207.	1.7	80
129	Controllable Electrochemical Synthesis of Hierarchical ZnO Nanostructures on FTO Glass. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13574-13582.	1.5	79
130	Fe ₃ O ₄ /reduced graphene oxide with enhanced electrochemical performance towards lithium storage. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7214-7220.	5.2	79
131	Co(II)@Co(0)/Mn(III)/S Nanoparticles Supported on B/N-Codoped Mesoporous Nanocarbon as a Bifunctional Electrocatalyst of Oxygen Reduction/Evolution for High-Performance Zinc-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13348-13359.	4.0	77
132	Chemically Lithiated TiO ₂ Heterostructured Nanosheet Anode with Excellent Rate Capability and Long Cycle Life for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25991-26003.	4.0	76
133	Controllable synthesis of hierarchical ZnO nanodisks for highly photocatalytic activity. <i>CrystEngComm</i> , 2012, 14, 1850.	1.3	75
134	A modified molecular framework derived highly efficient Mn@Co carbon cathode for a flexible Zn@air battery. <i>Chemical Communications</i> , 2017, 53, 11596-11599.	2.2	75
135	Ni@NiO core-shell nanoparticle tube arrays with enhanced supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6432-6439.	5.2	73
136	Hydrogen production from solar driven glucose oxidation over Ni(OH) ₂ functionalized electroreduced-TiO ₂ nanowire arrays. <i>Green Chemistry</i> , 2013, 15, 2434.	4.6	72
137	Glucose-Induced Formation of Oxygen Vacancy and Bi-Metal Comodified Bi ₅ O ₇ Br Nanotubes for Efficient Performance Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5784-5791.	3.2	72
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