

Wenping Sun

List of Publications by Year in descending order

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13865

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#	ARTICLE	IF	CITATIONS
1	A nanoconfined-LiBH ₄ system using a unique multifunctional porous scaffold of carbon wrapped ultrafine Fe ₃ O ₄ skeleton for reversible hydrogen storage with high capacity. Chemical Engineering Journal, 2022, 428, 131056.	12.7	14
2	On the Durability of Iridium-Based Electrocatalysts toward the Oxygen Evolution Reaction under Acid Environment. Advanced Functional Materials, 2022, 32, 2108465.	14.9	88
3	A Unique Structural Highly Compacted Binder-Free Silicon-Based Anode with High Electronic Conductivity for High-Performance Lithium-Ion Batteries. Small Structures, 2022, 3, 2100174.	12.0	22
4	Structural Engineering in Graphite-Based Metal-Ion Batteries. Advanced Functional Materials, 2022, 32, 2107277.	14.9	59
5	Homogeneous Na Deposition Enabling High-Energy Na-Metal Batteries. Advanced Functional Materials, 2022, 32, 2110280.	14.9	38
6	Zero-Strain Structure for Efficient Potassium Storage: Nitrogen-Enriched Carbon Dual-Confinement CoP Composite. Advanced Energy Materials, 2022, 12, 2103341.	19.5	26
7	Zinc Anode for Mild Aqueous Zinc-Ion Batteries: Challenges, Strategies, and Perspectives. Nano-Micro Letters, 2022, 14, 42.	27.0	207
8	Catalyzed LiBH ₄ Hydrogen Storage System with <i>In Situ</i> Introduced Li ₃ BO ₃ and V for Enhanced Dehydrogenation and Hydrogenation Kinetics as Well as High Cycling Stability. ACS Applied Energy Materials, 2022, 5, 1226-1234.	5.1	6
9	A Redox Couple Strategy Enables Long-Cycling Li- and Mn-Rich Layered Oxide Cathodes by Suppressing Oxygen Release. Advanced Materials, 2022, 34, e2108543.	21.0	24
10	Engineering of Crosslinked Network and Functional Interlayer to Boost Cathode Performance of Tannin for Potassium Metal Batteries. Advanced Functional Materials, 2022, 32, .	14.9	11
11	New Insights into the Effects of Zr Substitution and Carbon Additive on Li ₃ Er _{1-x} Zr _x Cl ₆ Halide Solid Electrolytes. ACS Applied Materials & Interfaces, 2022, 14, 8095-8105.	8.0	36
12	Hybrid Design of Bulk-Na Metal Anode to Minimize Cycle-Induced Interface Deterioration of Solid Na Metal Battery. Advanced Energy Materials, 2022, 12, .	19.5	25
13	Structure Engineering of Vanadium Tetrasulfides for High-Capacity and High-Rate Sodium Storage. Small, 2022, 18, e2107058.	10.0	17
14	A Unique Nanoflake-Shape Bimetallic Ti-Nb Oxide of Superior Catalytic Effect for Hydrogen Storage of MgH ₂ . Small, 2022, 18, e2107013.	10.0	44
15	Three-In-One Alkylamine-Tuned MoO _x for Lab-Scale to Real-Life Aqueous Supercapacitors. Advanced Functional Materials, 2022, 32, .	14.9	18
16	From fundamentals and theories to heterostructured electrocatalyst design: An in-depth understanding of alkaline hydrogen evolution reaction. Nano Energy, 2022, 98, 107231.	16.0	76
17	Ion Hopping: Design Principles for Strategies to Improve Ionic Conductivity for Inorganic Solid Electrolytes. Small, 2022, 18, e2107064.	10.0	23
18	Toward enhanced alkaline hydrogen electrocatalysis with transition metal-functionalized nitrogen-doped carbon supports. Chinese Journal of Catalysis, 2022, 43, 1351-1359.	14.0	6

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19	Layer structured materials for ambient nitrogen fixation. Coordination Chemistry Reviews, 2022, 460, 214468.	18.8	28
20	Smart Solar-Driven Metal-Air Batteries Based on BiOCl Photocorrosion for Monolithic Solar Energy Conversion and Storage. Small, 2022, 18, e2105668.	10.0	5
21	Electrocatalytic Water Splitting: From Harsh and Mild Conditions to Natural Seawater. Small, 2022, 18, e2105830.	10.0	103
22	Enriched d-Band Holes Enabling Fast Oxygen Evolution Kinetics on Atomic-Layered Defect-Rich Lithium Cobalt Oxide Nanosheets. Advanced Functional Materials, 2022, 32, .	14.9	24
23	Supported Sub-Nanometer Clusters for Electrocatalysis Applications. Advanced Functional Materials, 2022, 32, .	14.9	25
24	Pulse-potential electrochemistry to boost real-life application of pseudocapacitive dual-doped polypyrrole. SmartMat, 2022, 3, 644-656.	10.7	4
25	Cobalt Single Atoms Enabling Efficient Methanol Oxidation Reaction on Platinum Anchored on Nitrogen-Doped Carbon. Small, 2022, 18, e2107067.	10.0	23
26	Ru-Co Pair Sites Catalyst Boosts the Energetics for the Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2022, 61, .	13.8	154
27	Energetic Aqueous Batteries. Advanced Energy Materials, 2022, 12, .	19.5	48
28	Sulfur Doping Triggering Enhanced Pt-N Coordination in Graphitic Carbon Nitride-Supported Pt Electrocatalysts toward Efficient Oxygen Reduction Reaction. ACS Catalysis, 2022, 12, 7406-7414.	11.2	40
29	Multifunctional Surface Construction for Long-Term Cycling Stability of Li-Rich Mn-Based Layered Oxide Cathode for Li-Ion Batteries. Small, 2022, 18, .	10.0	10
30	Interface engineering of heterostructured electrocatalysts towards efficient alkaline hydrogen electrocatalysis. Science Bulletin, 2021, 66, 85-96.	9.0	127
31	Recent progress on hybrid electrocatalysts for efficient electrochemical CO ₂ reduction. Nano Energy, 2021, 80, 105504.	16.0	78
32	Interface Engineering of Air Electrocatalysts for Rechargeable Zinc-Air Batteries. Advanced Energy Materials, 2021, 11, 2002762.	19.5	129
33	A small change in the local atomic environment for a big improvement in single-atom catalysis. Journal of Materials Chemistry A, 2021, 9, 4184-4192.	10.3	44
34	Non-Platinum Group Metal Electrocatalysts toward Efficient Hydrogen Oxidation Reaction. Advanced Functional Materials, 2021, 31, 2010633.	14.9	54
35	A Novel Perovskite Electron-Ion Conductive Coating to Simultaneously Enhance Cycling Stability and Rate Capability of Li _{1.2} Ni _{0.13} Co _{0.13} Mn _{0.54} O ₂ Cathode Material for Lithium-Ion Batteries. Small, 2021, 17, e2008132.	10.0	28
36	The synthesis of black phosphorus: from zero- to three-dimensional nanostructures. JPhys Energy, 2021, 3, 032007.	5.3	6

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37	Nickel single atom-decorated carbon nanosheets as multifunctional electrocatalyst supports toward efficient alkaline hydrogen evolution. <i>Nano Energy</i> , 2021, 83, 105850.	16.0	66
38	Enhanced Hydrogen Storage Performance of MgH ₂ by the Catalysis of a Novel Intersected Y ₂ O ₃ /NiO Hybrid. <i>Processes</i> , 2021, 9, 892.	2.8	18
39	2D Metal-Free Nanomaterials Beyond Graphene and Its Analogues toward Electrocatalysis Applications. <i>Advanced Energy Materials</i> , 2021, 11, 2101202.	19.5	24
40	Atomic-Level Modulation of the Interface Chemistry of Platinum-Nickel Oxide toward Enhanced Hydrogen Electrocatalysis Kinetics. <i>Nano Letters</i> , 2021, 21, 4845-4852.	9.1	31
41	Manipulating the Coordination Chemistry of Ru ^{II} ;N(O) ^{II} ;C Moieties for Fast Alkaline Hydrogen Evolution Kinetics. <i>Advanced Functional Materials</i> , 2021, 31, 2100698.	14.9	74
42	Conversion-Alloying Anode Materials for Sodium Ion Batteries. <i>Small</i> , 2021, 17, e2101137.	10.0	102
43	Single-Atom Electrocatalysts for Multi-Electron Reduction of CO ₂ . <i>Small</i> , 2021, 17, e2101443.	10.0	44
44	Reversible Magnesium Metal Anode Enabled by Cooperative Solvation/Surface Engineering in Carbonate Electrolytes. <i>Nano-Micro Letters</i> , 2021, 13, 195.	27.0	24
45	Lattice-Confined Ir Clusters on Pd Nanosheets with Charge Redistribution for the Hydrogen Oxidation Reaction under Alkaline Conditions. <i>Advanced Materials</i> , 2021, 33, e2105400.	21.0	76
46	A Novel Tin-Bonded Silicon Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45578-45588.	8.0	25
47	Non-carbon-supported single-atom site catalysts for electrocatalysis. <i>Energy and Environmental Science</i> , 2021, 14, 2809-2858.	30.8	198
48	Synergy of Bi ₂ O ₃ and RuO ₂ Nanocatalysts for Low-Overpotential and Wide pH-Window Electrochemical Ammonia Synthesis. <i>Chemistry - A European Journal</i> , 2021, 27, 17395-17401.	3.3	8
49	Understanding the structural and chemical evolution of layered potassium titanates for sodium ion batteries. <i>Energy Storage Materials</i> , 2020, 25, 502-509.	18.0	17
50	Interface Chemistry Special Collection. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3582-3583.	3.3	0
51	Hexagonal Boron Nitride as a Multifunctional Support for Engineering Efficient Electrocatalysts toward the Oxygen Reduction Reaction. <i>Nano Letters</i> , 2020, 20, 6807-6814.	9.1	82
52	An Ir/Ni(OH) ₂ Heterostructured Electrocatalyst for the Oxygen Evolution Reaction: Breaking the Scaling Relation, Stabilizing Iridium(V), and Beyond. <i>Advanced Materials</i> , 2020, 32, e2000872.	21.0	187
53	Frontispiece: Phosphorene-Based Electrocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
54	Multifunctional Active-Center-Transferable Platinum/Lithium Cobalt Oxide Heterostructured Electrocatalysts towards Superior Water Splitting. <i>Angewandte Chemie</i> , 2020, 132, 14641-14648.	2.0	17

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55	Multifunctional Active Center-Transferable Platinum/Lithium Cobalt Oxide Heterostructured Electrocatalysts towards Superior Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14533-14540.	13.8	152
56	Strategies of engineering 2D nanomaterial-based electrocatalysts toward hydrogen evolution reaction. <i>Materials for Renewable and Sustainable Energy</i> , 2020, 9, 1.	3.6	14
57	Boosting electrochemical water oxidation: the merits of heterostructured electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6393-6405.	10.3	63
58	Phosphorene-Based Electrocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 6437-6446.	3.3	39
59	2020 Roadmap on Carbon Materials for Energy Storage and Conversion. <i>Chemistry - an Asian Journal</i> , 2020, 15, 995-1013.	3.3	154
60	Recent Progress on Nickel-Based Oxide/(Oxy)Hydroxide Electrocatalysts for the Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 703-713.	3.3	170
61	Electrocatalytically inactive SnS ₂ promotes water adsorption/dissociation on molybdenum dichalcogenides for accelerated alkaline hydrogen evolution. <i>Nano Energy</i> , 2019, 64, 103918.	16.0	58
62	Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2019, 131, 12670-12674.	2.0	15
63	Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12540-12544.	13.8	208
64	Direct Hybridization of Noble Metal Nanostructures on 2D Metal-Organic Framework Nanosheets To Catalyze Hydrogen Evolution. <i>Nano Letters</i> , 2019, 19, 8447-8453.	9.1	160
65	Engineering additional edge sites on molybdenum dichalcogenides toward accelerated alkaline hydrogen evolution kinetics. <i>Nanoscale</i> , 2019, 11, 717-724.	5.6	37
66	Electronic Structure Engineering of LiCoO ₂ toward Enhanced Oxygen Electrocatalysis. <i>Advanced Energy Materials</i> , 2019, 9, 1803482.	19.5	85
67	Intercalation Pseudocapacitance Boosting Ultrafast Sodium Storage in Prussian Blue Analogs. <i>ChemSusChem</i> , 2019, 12, 2415-2420.	6.8	28
68	Platinum/Nickel Bicarbonate Heterostructures towards Accelerated Hydrogen Evolution under Alkaline Conditions. <i>Angewandte Chemie</i> , 2019, 131, 5486-5491.	2.0	30
69	Platinum/Nickel Bicarbonate Heterostructures towards Accelerated Hydrogen Evolution under Alkaline Conditions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5432-5437.	13.8	194
70	2020 Roadmap on gas-involved photo- and electro- catalysis. <i>Chinese Chemical Letters</i> , 2019, 30, 2089-2109.	9.0	71
71	Electrochemical potassium/lithium-ion intercalation into TiSe ₂ : Kinetics and mechanism. <i>Energy Storage Materials</i> , 2019, 16, 512-518.	18.0	84
72	Iron-Doped Nickel Molybdate with Enhanced Oxygen Evolution Kinetics. <i>Chemistry - A European Journal</i> , 2019, 25, 280-284.	3.3	38

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73	Heteroatom-doped MoSe ₂ Nanosheets with Enhanced Hydrogen Evolution Kinetics for Alkaline Water Splitting. Chemistry - an Asian Journal, 2019, 14, 301-306.	3.3	41
74	A novel cobalt-free CO ₂ -stable perovskite-type oxygen permeable membrane. Journal of Membrane Science, 2019, 573, 504-510.	8.2	22
75	Hetero-interface constructs ion reservoir to enhance conversion reaction kinetics for sodium/lithium storage. Energy Storage Materials, 2019, 18, 107-113.	18.0	105
76	Gradient substitution: an intrinsic strategy towards high performance sodium storage in Prussian blue-based cathodes. Journal of Materials Chemistry A, 2018, 6, 8947-8954.	10.3	55
77	New insights into understanding the exceptional electrochemical performance of P2-type manganese-based layered oxide cathode for sodium ion batteries. Energy Storage Materials, 2018, 15, 257-265.	18.0	86
78	Active-Site-Enriched Iron-Doped Nickel/Cobalt Hydroxide Nanosheets for Enhanced Oxygen Evolution Reaction. ACS Catalysis, 2018, 8, 5382-5390.	11.2	311
79	Hybrid 2D Dual-Metal-Organic Frameworks for Enhanced Water Oxidation Catalysis. Advanced Functional Materials, 2018, 28, 1801554.	14.9	550
80	Carbon Necklace Incorporated Electroactive Reservoir Constructing Flexible Papers for Advanced Lithium-Ion Batteries. Small, 2018, 14, 1702770.	10.0	70
81	Electrochemically Inert g-C ₃ N ₄ Promotes Water Oxidation Catalysis. Advanced Functional Materials, 2018, 28, 1705583.	14.9	84
82	Homogeneous Sulfur-Cobalt Sulfide Nanocomposites as Lithium-Sulfur Battery Cathodes with Enhanced Reaction Kinetics. ACS Applied Energy Materials, 2018, 1, 167-172.	5.1	32
83	Readily Exfoliated TiSe ₂ Nanosheets for High-Performance Sodium Storage. Chemistry - A European Journal, 2018, 24, 1193-1197.	3.3	40
84	sp-Hybridized Nitrogen Enhances Oxygen Reduction Reaction Kinetics. Chem, 2018, 4, 2024-2026.	11.7	7
85	Nickel-Based Bicarbonates as Bifunctional Catalysts for Oxygen Evolution and Reduction Reaction in Alkaline Media. Chemistry - A European Journal, 2018, 24, 17665-17671.	3.3	15
86	Epitaxial growth of Ni(OH) ₂ nanoclusters on MoS ₂ nanosheets for enhanced alkaline hydrogen evolution reaction. Nanoscale, 2018, 10, 19074-19081.	5.6	74
87	CoSe ₂ /MoSe ₂ Heterostructures with Enriched Water Adsorption/Dissociation Sites towards Enhanced Alkaline Hydrogen Evolution Reaction. Chemistry - A European Journal, 2018, 24, 11158-11165.	3.3	82
88	Cost-Effective Vertical Carbon Nanosheets/Iron-Based Composites as Efficient Electrocatalysts for Water Splitting Reaction. Chemistry of Materials, 2018, 30, 4762-4769.	6.7	48
89	Barium- and Strontium-Containing Anode Materials toward Ceria-Based Solid Oxide Fuel Cells with High Open Circuit Voltages. ACS Applied Energy Materials, 2018, 1, 3521-3528.	5.1	24
90	Recent progress on silicon-based anode materials for practical lithium-ion battery applications. Energy Storage Materials, 2018, 15, 422-446.	18.0	292

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91	Heterostructures for Electrochemical Hydrogen Evolution Reaction: A Review. <i>Advanced Functional Materials</i> , 2018, 28, 1803291.	14.9	906
92	Ce _{0.8} Sm _{0.2} O _{1.9} decorated with electron-blocking acceptor-doped BaCeO ₃ as electrolyte for low-temperature solid oxide fuel cells. <i>Electrochimica Acta</i> , 2017, 228, 226-232.	5.2	21
93	Pollen-inspired synthesis of porous and hollow NiO elliptical microstructures assembled from nanosheets for high-performance electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2017, 321, 546-553.	12.7	40
94	A new in situ strategy to eliminate partial internal short circuit in Ce _{0.8} Sm _{0.2} O _{1.9} -based solid oxide fuel cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12873-12878.	10.3	20
95	2D Black Phosphorus for Energy Storage and Thermoelectric Applications. <i>Small</i> , 2017, 13, 1700661.	10.0	139
96	A high strength, free-standing cathode constructed by regulating graphitization and the pore structure in nitrogen-doped carbon nanofibers for flexible lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6832-6839.	10.3	94
97	Interlayer-Expanded Metal Sulfides on Graphene Triggered by a Molecularly Self-Promoting Process for Enhanced Lithium Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40317-40323.	8.0	28
98	Functionalized few-layer black phosphorus with super-wettability towards enhanced reaction kinetics for rechargeable batteries. <i>Nano Energy</i> , 2017, 40, 576-586.	16.0	95
99	Fast-pulverization enabled simultaneous enhancement on cycling stability and rate capability of C@NiFe ₂ O ₄ hierarchical fibrous bundle. <i>Journal of Power Sources</i> , 2017, 363, 209-217.	7.8	22
100	Nanostructured Metal Chalcogenides for Energy Storage and Electrocatalysis. <i>Advanced Functional Materials</i> , 2017, 27, 1702317.	14.9	339
101	Alloy-Based Anode Materials toward Advanced Sodium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1700622.	21.0	613
102	Tuning the Thickness of Ba-Containing δ -Function Layer toward High-Performance Ceria-Based Solid Oxide Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10835-10840.	8.0	23
103	Engineering Hierarchical Hollow Nickel Sulfide Spheres for High-Performance Sodium Storage. <i>Advanced Functional Materials</i> , 2016, 26, 7479-7485.	14.9	174
104	Two-Dimensional Cobalt-Nickel-Based Oxide Nanosheets for High-Performance Sodium and Lithium Storage. <i>Chemistry - A European Journal</i> , 2016, 22, 18060-18065.	3.3	28
105	Ever-Increasing Pseudocapacitance in RGO-MnO ₂ -RGO Sandwich Nanostructures for Ultrahigh-Rate Lithium Storage. <i>Advanced Functional Materials</i> , 2016, 26, 2198-2206.	14.9	238
106	Prussian Blue@C Composite as an Ultrahigh-Rate and Long-Life Sodium-Ion Battery Cathode. <i>Advanced Functional Materials</i> , 2016, 26, 5315-5321.	14.9	328
107	2D Transition Metal Oxides/Hydroxides for Energy Storage Applications. <i>ChemNanoMat</i> , 2016, 2, 562-577.	2.8	113
108	Biochemistry-derived porous carbon-encapsulated metal oxide nanocrystals for enhanced sodium storage. <i>Nano Energy</i> , 2016, 21, 71-79.	16.0	49

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109	Bismuth sulfide: A high-capacity anode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016, 309, 135-140.	7.8	122
110	Proton-conducting solid oxide fuel cells with yttrium-doped barium zirconate electrolyte films sintered at reduced temperatures. <i>Journal of Alloys and Compounds</i> , 2016, 658, 716-720.	5.5	35
111	Conversion of uniform graphene oxide/polypyrrole composites into functionalized 3D carbon nanosheet frameworks with superior supercapacitive and sodium-ion storage properties. <i>Journal of Power Sources</i> , 2016, 307, 17-24.	7.8	23
112	Cost-effective utilization of mineral-based raw materials for preparation of porous mullite ceramic membranes via in-situ reaction method. <i>Applied Clay Science</i> , 2016, 120, 135-141.	5.2	39
113	Energy Storage: One-pot Synthesis of Tunable Crystalline Ni ₃ S ₄ @Amorphous MoS ₂ Core/Shell Nanospheres for High-performance Supercapacitors (<i>Small</i> 2015). <i>Small</i> , 2015, 11, 3720-3720.	10.0	3
114	Multifunctional Architectures Constructing of PANI Nanoneedle Arrays on MoS ₂ Thin Nanosheets for High-energy Supercapacitors. <i>Small</i> , 2015, 11, 4123-4129.	10.0	164
115	Two-dimensional NiCo ₂ O ₄ nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. <i>Nanoscale</i> , 2015, 7, 7035-7039.	5.6	134
116	A high stability Ni-La _{0.5} Ce _{0.5} O ₂ asymmetrical metal-ceramic membrane for hydrogen separation and generation. <i>Journal of Power Sources</i> , 2015, 281, 417-424.	7.8	24
117	Vanadium-based nanostructure materials for secondary lithium battery applications. <i>Nanoscale</i> , 2015, 7, 14595-14607.	5.6	93
118	Few-layered Ni(OH) ₂ nanosheets for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2015, 295, 323-328.	7.8	180
119	Controlled synthesis of zinc cobalt sulfide nanostructures in oil phase and their potential applications in electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11462-11470.	10.3	113
120	Biochemistry-Enabled 3D Foams for Ultrafast Battery Cathodes. <i>ACS Nano</i> , 2015, 9, 4628-4635.	14.6	102
121	One-pot Synthesis of Tunable Crystalline Ni ₃ S ₄ @Amorphous MoS ₂ Core/Shell Nanospheres for High-performance Supercapacitors. <i>Small</i> , 2015, 11, 3694-3702.	10.0	243
122	Objective assessment of health or pre-chronic disease state based on a health test index derived from routinely measured clinical laboratory parameters. <i>Journal of Translational Medicine</i> , 2015, 13, 127.	4.4	7
123	Spatially-confined lithiation-delithiation in highly dense nanocomposite anodes towards advanced lithium-ion batteries. <i>Energy and Environmental Science</i> , 2015, 8, 1471-1479.	30.8	69
124	An Advanced Sodium-ion Battery Composed of Carbon Coated Na ₃ V ₂ (PO ₄) ₃ in a Porous Graphene Network. <i>Advanced Materials</i> , 2015, 27, 6670-6676.	21.0	448
125	Two-Dimensional Tin Disulfide Nanosheets for Enhanced Sodium Storage. <i>ACS Nano</i> , 2015, 9, 11371-11381.	14.6	257
126	Enhanced Reaction Kinetics and Structure Integrity of Ni/SnO ₂ Nanocluster toward High-Performance Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26367-26373.	8.0	35

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127	Bilayered BaZr _{0.1} Ce _{0.7} Y _{0.2} O _{3-δ} /Ce _{0.8} Sm _{0.2} O _{2-δ} electrolyte membranes for solid oxide fuel cells with high open circuit voltages. <i>Journal of Membrane Science</i> , 2015, 476, 394-398.	8.2	43
128	Chemically stable BaZr _{0.7} Pr _{0.1} Y _{0.2} O _{3-δ} -BaCe _{0.8} Y _{0.2} O _{3-δ} bilayer electrolyte for intermediate temperature solid oxide fuel cells. <i>Electrochimica Acta</i> , 2015, 151, 497-501.	5.2	25
129	Ultrathin nickel oxide nanosheets for enhanced sodium and lithium storage. <i>Journal of Power Sources</i> , 2015, 274, 755-761.	7.8	114
130	Evaluation of Aging and Health Status in Real Time Based on Routine Urinalysis Using an Automated Urine Analyzer. <i>Clinical Laboratory</i> , 2015, 61, 1883-7.	0.5	3
131	In-situ formed Ce _{0.8} Sm _{0.2} O _{2-δ} @Ba(Ce, Zr) _{1-x} (Sm, Y) _x O _{3-δ} core/shell electron-blocking layer towards Ce _{0.8} Sm _{0.2} O _{2-δ} -based solid oxide fuel cells with high open circuit voltages. <i>Nano Energy</i> , 2014, 8, 305-311.	16.0	63
132	Microemulsion-Assisted Synthesis of Nanosized Li _{0.5} Mn _{0.5} O Spinel Cathodes for High-Rate Lithium-Ion Batteries. <i>ChemPlusChem</i> , 2014, 79, 1794-1798.	2.8	1
133	Synthesis and characterization of BaZr _{0.3} Ce _{0.5} Y _{0.2} xYb _x O _{3-δ} proton conductor for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 245, 953-957.	7.8	66
134	Samarium and Yttrium Codoped BaCeO ₃ Proton Conductor with Improved Sinterability and Higher Electrical Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5175-5182.	8.0	75
135	Fabrication and performance of BaCe _{0.8} Y _{0.2} O _{3-δ} -BaZr _{0.8} Y _{0.2} O _{3-δ} bilayer electrolyte for anode-supported solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 249, 131-136.	7.8	22
136	Amorphous Fe ₂ O ₃ as a high-capacity, high-rate and long-life anode material for lithium ion batteries. <i>Nano Energy</i> , 2014, 4, 23-30.	16.0	307
137	Reversible Conversion-Alloying of Sb ₂ O ₃ as a High-Capacity, High-Rate, and Durable Anode for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19449-19455.	8.0	143
138	Co-Generation of Electric Power and Carbon Nanotubes from Dimethyl Ether (DME). <i>Fuel Cells</i> , 2014, 14, 561-565.	2.4	2
139	Cobalt Sulfide Nanosheet/Graphene/Carbon Nanotube Nanocomposites as Flexible Electrodes for Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12594-12599.	13.8	252
140	An Easily Sintered, Chemically Stable, Barium Zirconate-Based Proton Conductor for High-Performance Proton-Conducting Solid Oxide Fuel Cells. <i>Advanced Functional Materials</i> , 2014, 24, 5695-5702.	14.9	81
141	Transition metal oxides for high performance sodium ion battery anodes. <i>Nano Energy</i> , 2014, 5, 60-66.	16.0	361
142	Evaluation of hydrogen permeation properties of Ni-Ba(Zr _{0.7} Pr _{0.1} Y _{0.2})O _{3-δ} cermet membranes. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11683-11689.	7.1	25
143	High-performance Ni-BaZr _{0.1} Ce _{0.7} Y _{0.1} Yb _{0.1} O _{3-δ} (BZCYb) membranes for hydrogen separation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 14743-14749.	7.1	48
144	A mixed-conducting BaPr _{0.8} In _{0.2} O _{3-δ} cathode for proton-conducting solid oxide fuel cells. <i>Electrochemistry Communications</i> , 2013, 27, 19-21.	4.7	36

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