

Shu-Juan Bao

List of Publications by Year in descending order

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203
papers

11,129
citations

28274

55
h-index

39675

94
g-index

204
all docs

204
docs citations

204
times ranked

12797
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible MXene-Ti ₃ C ₂ T _x bond few-layers transition metal dichalcogenides MoS ₂ /C spheres for fast and stable sodium storage. <i>Chemical Engineering Journal</i> , 2022, 427, 130960.	12.7	15
2	Propelling the practical application of the intimate coupling of photocatalysis and biodegradation system: System amelioration, environmental influences and analytical strategies. <i>Chemosphere</i> , 2022, 287, 132196.	8.2	15
3	Chessboard structured electrode design for Li-S batteries Based on MXene nanosheets. <i>Chemical Engineering Journal</i> , 2022, 429, 131997.	12.7	15
4	MIL-47(V) catalytic conversion of H ₂ O ₂ for sensitive H ₂ O ₂ detection and tumor cell inhibition. <i>Sensors and Actuators B: Chemical</i> , 2022, 354, 131201.	7.8	19
5	Anthozoan-like porous nanocages with nano-cobalt-armed CNT multifunctional layers as a cathode material for highly stable Na-S batteries. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 645-651.	6.0	7
6	Ni/Li antisite induced disordered passivation layer for high-Ni layered oxide cathode material. <i>Energy Storage Materials</i> , 2022, 45, 720-729.	18.0	29
7	Why does the capacity of vanadium selenide based aqueous zinc ion batteries continue to increase during long cycles?. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 30-37.	9.4	9
8	Significantly fastened redox kinetics in single crystal layered oxide cathode by gradient doping. <i>Nano Energy</i> , 2022, 94, 106961.	16.0	42
9	Reunderstanding the Reaction Mechanism of Aqueous Zn-Mn Batteries with Sulfate Electrolytes: Role of the Zinc Sulfate Hydroxide. <i>Advanced Materials</i> , 2022, 34, e2109092.	21.0	97
10	Tessellated N-doped carbon/CoSe ₂ as trap-catalyst sulfur hosts for room-temperature sodium-sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1743-1751.	6.0	6
11	Identification of Catalytic Active Sites for Durable Proton Exchange Membrane Fuel Cell: Catalytic Degradation and Poisoning Perspectives. <i>Small</i> , 2022, 18, e2106279.	10.0	25
12	Significance of gallium doping for high Ni, low Co/Mn layered oxide cathode material. <i>Chemical Engineering Journal</i> , 2022, 441, 135821.	12.7	34
13	A distinctive conversion mechanism for reversible zinc ion storage. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2706-2713.	6.0	7
14	Carbon dots-induced carbon-coated Ni and Mo ₂ N nanosheets for efficient hydrogen production. <i>Electrochimica Acta</i> , 2022, 424, 140671.	5.2	6
15	A Strategy for Polysulfides/Polyselenides Protection Based on Co ₉ S ₈ @SiO ₂ /C Host in Na-S ₂ Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2001952.	14.9	32
16	Low-operating temperature quasi-solid-state potassium-ion battery based on commercial materials. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 932-939.	9.4	20
17	Yolk-shell porous carbon spheres@CoSe ₂ nanosheets as multilayer defenses system of polysulfide for advanced Li-S batteries. <i>Chemical Engineering Journal</i> , 2021, 413, 127521.	12.7	49
18	A new polyanionic cathode with stable structure and superior kinetics for Na-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 405, 127035.	12.7	8

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19	Efficient Catalytic Conversion of Polysulfides by Biomimetic Design of “Branch-Leaf” Electrode for High-Energy Sodium-Sulfur Batteries. <i>Nano-Micro Letters</i> , 2021, 13, 50.	27.0	39
20	Self-Supported CdP ₂ “CDs” CoP for High-Performance OER Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1297-1303.	6.7	42
21	Designing 2D nickel hydroxide/graphene nanosheet composites to confine sulfur in highly stable lithium-sulfur batteries. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5175-5183.	4.9	1
22	Multi-step Controllable Catalysis Method for the Defense of Sodium Polysulfide Dissolution in Room-Temperature Na-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11852-11860.	8.0	24
23	A new calcium metal organic frameworks (Ca-MOF) for sodium ion batteries. <i>Materials Letters</i> , 2021, 286, 129264.	2.6	24
24	Suppressed shuttling effect of polysulfides using three-dimensional nickel hydroxide polyhedrons for advanced lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 89-95.	9.4	14
25	Design of an amperometric glucose oxidase biosensor with added protective and adhesion layers. <i>Mikrochimica Acta</i> , 2021, 188, 312.	5.0	10
26	Heterogeneous interface designing of bimetallic selenides nanocubes for superior sodium storage. <i>Journal of Power Sources</i> , 2021, 506, 230249.	7.8	14
27	Gelation of organic liquid electrolyte to achieve superior sodium-ion full-cells. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 190-197.	9.4	8
28	A self-healing neutral aqueous rechargeable Zn/MnO ₂ battery based on modified carbon nanotubes substrate cathode. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 83-89.	9.4	29
29	Ultrafast kinetics and high capacity for Stable Sodium Storage enabled by Fe ₃ Se ₄ /ZnSe heterostructure engineering. <i>Composites Part B: Engineering</i> , 2021, 224, 109166.	12.0	15
30	High-rate and non-toxic Na ₇ Fe _{4.5} (P ₂ O ₇) ₄ @C for quasi-solid-state sodium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2783-2790.	5.9	3
31	A gel-limiting strategy for large-scale fabrication of Fe-N-C single-atom ORR catalysts. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7137-7142.	10.3	51
32	A facilely-synthesized polyanionic cathode with impressive long-term cycling stability for sodium-ion batteries. <i>Chemical Communications</i> , 2021, 57, 9566-9569.	4.1	2
33	Low-Barrier, Dendrite-Free, and Stable Na Plating/Stripping Enabled by Gradient Sodiophilic Carbon Skeleton. <i>Advanced Energy Materials</i> , 2021, 11, .	19.5	27
34	A Fe ₃ N/carbon composite electrocatalyst for effective polysulfides regulation in room-temperature Na-S batteries. <i>Nature Communications</i> , 2021, 12, 6347.	12.8	71
35	Rational construction of rGO/VO ₂ nanoflowers as sulfur multifunctional hosts for room temperature Na-S batteries. <i>Chemical Engineering Journal</i> , 2020, 379, 122359.	12.7	59
36	Cobalt nanoparticles embedded into free-standing carbon nanofibers as catalyst for room-temperature sodium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 63-69.	9.4	34

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37	Puzzle-inspired carbon dots coupled with cobalt phosphide for constructing a highly-effective overall water splitting interface. <i>Chemical Communications</i> , 2020, 56, 257-260.	4.1	48
38	Nickel Hollow Spheres Concatenated by Nitrogen-Doped Carbon Fibers for Enhancing Electrochemical Kinetics of Sodium-Sulfur Batteries. <i>Advanced Science</i> , 2020, 7, 1902617.	11.2	70
39	MXene-derived three-dimensional carbon nanotube network encapsulate CoS ₂ nanoparticles as an anode material for solid-state sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3018-3026.	10.3	51
40	Low-Operating Temperature, High-Rate and Durable Solid-State Sodium-Ion Battery Based on Polymer Electrolyte and Prussian Blue Cathode. <i>Advanced Energy Materials</i> , 2020, 10, 1903351.	19.5	64
41	Highly efficient Fe-N-C oxygen reduction electrocatalyst engineered by sintering atmosphere. <i>Journal of Power Sources</i> , 2020, 449, 227497.	7.8	22
42	Hierarchical growth of vertically standing Fe ₃ O ₄ -FeSe/CoSe ₂ nano-array for high effective oxygen evolution reaction. <i>Materials Research Bulletin</i> , 2020, 122, 110680.	5.2	17
43	Metal chalcogenide hollow polar bipyramid prisms as efficient sulfur hosts for Na-S batteries. <i>Nature Communications</i> , 2020, 11, 5242.	12.8	102
44	BC@DNA-Mn ₃ (PO ₄) ₂ Nanozyme for Real-Time Detection of Superoxide from Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 15927-15935.	6.5	18
45	CdMn Bimetallic Complex-Derived Manganese-Nitrogen Species as Electrocatalysts for an Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12618-12625.	6.7	11
46	Na ₃ V ₂ O ₂ (PO ₄) ₂ F Cathode for High-Performance Quasi-Solid-State Sodium-Ion Batteries with a Wide Workable Temperature Range. <i>Energy Technology</i> , 2020, 8, 2000494.	3.8	11
47	Nanoporous V-Doped Ni ₅ P ₄ Microsphere: A Highly Efficient Electrocatalyst for Hydrogen Evolution Reaction at All pH. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37092-37099.	8.0	40
48	Flexible electrode constructed by encapsulating ultrafine VSe ₂ in carbon fiber for quasi-solid-state sodium ion batteries. <i>Journal of Power Sources</i> , 2020, 470, 228438.	7.8	25
49	Template method for fabricating Co and Ni nanoparticles/porous channels carbon for solid-state sodium-sulfur battery. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 710-716.	9.4	19
50	Interfacial engineering of Ni/V ₂ O ₃ for hydrogen evolution reaction. <i>Nano Research</i> , 2020, 13, 2407-2412.	10.4	41
51	A synergistic Bi ₂ S ₃ /MXene composite with enhanced performance as an anode material of sodium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 3072-3077.	2.8	40
52	A highly-effective nitrogen-doped porous carbon sponge electrode for advanced K-Se batteries. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1182-1189.	6.0	36
53	Vanadium carbide nanoparticles incorporation in carbon nanofibers for room-temperature sodium sulfur batteries: Confining, trapping, and catalyzing. <i>Chemical Engineering Journal</i> , 2020, 395, 124978.	12.7	37
54	Micropore-Boosted Layered Double Hydroxide Catalysts: EIS Analysis in Structure and Activity for Effective Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30887-30893.	8.0	26

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55	The construction of ZnS@In ₂ S ₃ nanonests and their heterojunction boosted visible-light photocatalytic/photoelectrocatalytic performance. <i>New Journal of Chemistry</i> , 2019, 43, 14402-14408.	2.8	12
56	MXene-derivative pompon-like Na ₂ Ti ₃ O ₇ @C anode material for advanced sodium ion batteries. <i>Chemical Engineering Journal</i> , 2019, 378, 122209.	12.7	75
57	A labyrinth-like network electrode design for lithium-sulfur batteries. <i>Nanoscale</i> , 2019, 11, 14648-14653.	5.6	15
58	Jackfruit-like electrode design for advanced Na-Se batteries. <i>Journal of Power Sources</i> , 2019, 443, 227245.	7.8	32
59	Novel Oxygen-Deficient Zirconia (ZrO _{2-x}) for Fluorescence/Photoacoustic Imaging-Guided Photothermal/Photodynamic Therapy for Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41127-41139.	8.0	35
60	(001) Facet-Dominated Hierarchically Hollow Na ₂ Ti ₃ O ₇ as a High-Rate Anode Material for Sodium-Ion Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42197-42205.	8.0	31
61	Design and Construction of Sodium Polysulfides Defense System for Room-Temperature Na-S Battery. <i>Advanced Science</i> , 2019, 6, 1901557.	11.2	106
62	A rough endoplasmic reticulum-like VSe ₂ /rGO anode for superior sodium-ion capacitors. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2935-2943.	6.0	46
63	A railway-like network electrode design for room temperature Na-S battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 150-156.	10.3	60
64	Preparation of MoS ₂ /Ti ₃ C ₂ T _x composite as anode material with enhanced sodium/lithium storage performance. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 117-125.	6.0	59
65	Novel CdFe Bimetallic Complex-Derived Ultrasmall Fe- and N-Codoped Carbon as a Highly Efficient Oxygen Reduction Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21481-21488.	8.0	21
66	Double-walled N-doped carbon@NiCo ₂ S ₄ hollow capsules as SeS ₂ hosts for advanced Li-SeS ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12276-12282.	10.3	40
67	Constructing high effective nano-Mn ₃ (PO ₄) ₂ -chitosan in situ electrochemical detection interface for superoxide anions released from living cell. <i>Biosensors and Bioelectronics</i> , 2019, 133, 133-140.	10.1	29
68	TiOxNy nanoparticles/C composites derived from MXene as anode material for potassium-ion batteries. <i>Chemical Engineering Journal</i> , 2019, 369, 828-833.	12.7	68
69	Amorphous nickel sulfide nanosheets with embedded vanadium oxide nanocrystals on nickel foam for efficient electrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10534-10542.	10.3	65
70	Facile and Scale Synthesis of Co/N/S-Doped Porous Graphene-Like Carbon Architectures as Electrocatalysts for Sustainable Zinc-Air Battery Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7743-7749.	6.7	24
71	A coaxial nanocable textured by a cerium oxide shell and carbon core for sensing nitric oxide. <i>Mikrochimica Acta</i> , 2019, 186, 789.	5.0	1
72	Nitrogen-Doped Carbon as a Host for Tellurium for High-Rate Li-Te and Na-Te Batteries. <i>ChemSusChem</i> , 2019, 12, 1196-1202.	6.8	18

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73	High-Rate and Long-Life Sodium-Ion Batteries Based on Sponge-like Three-Dimensional Porous Na-Rich Ferric Pyrophosphate Cathode Material. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5107-5113.	8.0	30
74	â€Circuit board-like CoS/MXene composite with superior performance for sodium storage. <i>Chemical Engineering Journal</i> , 2019, 357, 220-225.	12.7	143
75	MoP nanoparticles with a P-rich outermost atomic layer embedded in N-doped porous carbon nanofibers: Self-supported electrodes for efficient hydrogen generation. <i>Nano Research</i> , 2018, 11, 4728-4734.	10.4	59
76	Interface engineered construction of porous g-C ₃ N ₄ /TiO ₂ heterostructure for enhanced photocatalysis of organic pollutants. <i>Applied Surface Science</i> , 2018, 440, 229-236.	6.1	58
77	Honeycombâ€Like Spherical Cathode Host Constructed from Hollow Metallic and Polar Co ₉ S ₈ Tubules for Advanced Lithiumâ€Sulfur Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1704443.	14.9	236
78	FePO ₄ embedded in nanofibers consisting of amorphous carbon and reduced graphene oxide asâ€An enzyme mimetic for monitoring superoxide anions released by living cells. <i>Mikrochimica Acta</i> , 2018, 185, 140.	5.0	27
79	Nanosized Metal Phosphides Embedded in Nitrogenâ€Doped Porous Carbon Nanofibers for Enhanced Hydrogen Evolution at All pH Values. <i>Angewandte Chemie</i> , 2018, 130, 1981-1985.	2.0	58
80	Improving the Performance of Hard Carbon//Na ₃ V ₂ O ₂ (PO ₄) ₂ F Sodium-Ion Full Cells by Utilizing the Adsorption Process of Hard Carbon. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16581-16587.	8.0	37
81	An iron hydroxyl phosphate microoctahedron catalyst as an efficient peroxidase mimic for sensitive and colorimetric quantification of H ₂ O ₂ and glucose. <i>New Journal of Chemistry</i> , 2018, 42, 6803-6809.	2.8	15
82	Synthesis of M (Fe ₃ C, Co, Ni)-porous carbon frameworks as high-efficient ORR catalysts. <i>Energy Storage Materials</i> , 2018, 11, 112-117.	18.0	71
83	Ultrafine TiO ₂ encapsulated in nitrogen-doped porous carbon framework for photocatalytic degradation of ammonia gas. <i>Chemical Engineering Journal</i> , 2018, 331, 383-388.	12.7	44
84	Nanosized Metal Phosphides Embedded in Nitrogenâ€Doped Porous Carbon Nanofibers for Enhanced Hydrogen Evolution at All pH Values. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1963-1967.	13.8	277
85	Muscle-like electrode design for Li-Te batteries. <i>Energy Storage Materials</i> , 2018, 10, 10-15.	18.0	40
86	Efficient in situ growth of enzyme-inorganic hybrids on paper strips for the visual detection of glucose. <i>Biosensors and Bioelectronics</i> , 2018, 99, 603-611.	10.1	56
87	An excellent full sodium-ion capacitor derived from a single Ti-based metalâ€organic framework. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24860-24868.	10.3	33
88	Self-Supported FeCo ₂ S ₄ Nanotube Arrays as Binder-Free Cathodes for Lithiumâ€Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43707-43715.	8.0	75
89	Chinese knot-like electrode design for advanced Li-S batteries. <i>Nano Energy</i> , 2018, 53, 354-361.	16.0	72
90	Doubleâ€Shelled NiOâ€NiCo ₂ O ₄ Heterostructure@Carbon Hollow Nanocages as an Efficient Sulfur Host for Advanced Lithiumâ€Sulfur Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1800709.	19.5	236

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91	Mesoporous Hollow Nitrogen-Doped Carbon Nanospheres with Embedded MnFe ₂ O ₄ /Fe Hybrid Nanoparticles as Efficient Bifunctional Oxygen Electrocatalysts in Alkaline Media. ACS Applied Materials & Interfaces, 2018, 10, 20440-20447.	8.0	73
92	Metal-organic complex derived hierarchical porous carbon as host matrix for rechargeable Na-Se batteries. Electrochimica Acta, 2018, 276, 21-27.	5.2	28
93	Engineering the nanostructure of molybdenum nitride nanodot embedded N-doped porous hollow carbon nanochains for rapid all pH hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 14734-14741.	10.3	56
94	Potassium titanium hexacyanoferrate as a cathode material for potassium-ion batteries. Journal of Physics and Chemistry of Solids, 2018, 122, 31-35.	4.0	43
95	Controlled synthesis of Mn ₃ (PO ₄) ₂ hollow spheres as biomimetic enzymes for selective detection of superoxide anions released by living cells. Mikrochimica Acta, 2017, 184, 1177-1184.	5.0	22
96	Cobalt nanoparticle decorated graphene aerogel for efficient oxygen reduction reaction electrocatalysis. International Journal of Hydrogen Energy, 2017, 42, 5930-5937.	7.1	28
97	Ternary Ni ₃ Co ₃ S ₄ with a Fine Hollow Nanostructure as a Robust Electrocatalyst for Hydrogen Evolution. ChemCatChem, 2017, 9, 4169-4174.	3.7	18
98	Uniform Ni(OH) ₂ hollow spheres constructed from ultrathin nanosheets as efficient polysulfide mediator for long-term lithium-sulfur batteries. Energy Storage Materials, 2017, 8, 202-208.	18.0	93
99	Design and fabrication of highly sensitive and stable biochip for glucose biosensing. Applied Surface Science, 2017, 422, 900-904.	6.1	14
100	Confined selenium within metal-organic frameworks derived porous carbon microcubes as cathode for rechargeable lithium-selenium batteries. Journal of Power Sources, 2017, 341, 53-59.	7.8	56
101	Synthesis of Cobalt Phosphide Nanoparticles Supported on Pristine Graphene by Dynamically Self-Assembled Graphene Quantum Dots for Hydrogen Evolution. ChemSusChem, 2017, 10, 1014-1021.	6.8	42
102	Porous carbon derived from Sunflower as a host matrix for ultra-stable lithium-selenium battery. Journal of Colloid and Interface Science, 2017, 490, 747-753.	9.4	22
103	Investigation of Fe ₂ N@carbon encapsulated in N-doped graphene-like carbon as a catalyst in sustainable zinc-air batteries. Catalysis Science and Technology, 2017, 7, 5670-5676.	4.1	56
104	Design and synthesis of Co-N-C porous catalyst derived from metal organic complexes for highly effective ORR. Dalton Transactions, 2017, 46, 15646-15650.	3.3	44
105	Assembling Hollow Cobalt Sulfide Nanocages Array on Graphene-like Manganese Dioxide Nanosheets for Superior Electrochemical Capacitors. ACS Applied Materials & Interfaces, 2017, 9, 35040-35047.	8.0	107
106	Three-dimensional hierarchical porous tubular carbon as a host matrix for long-term lithium-selenium batteries. Journal of Power Sources, 2017, 367, 17-23.	7.8	28
107	Design, synthesis and photodegradation ammonia properties of MoS ₂ @TiO ₂ encapsulated carbon coaxial nanobelts. Materials Letters, 2017, 209, 56-59.	2.6	14
108	Ascorbic acid-tailored synthesis of carbon-wrapped nanocobalt encapsulated in graphene aerogel as electrocatalysts for highly effective oxygen-reduction reaction. Journal of Solid State Electrochemistry, 2017, 21, 3641-3648.	2.5	6

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109	Hollow Co ₃ O ₄ Nanocages Decorated Graphene Aerogels Derived from Carbon Wrapped Nano-Co for Efficient Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2017, 2, 6359-6363.	1.5	6
110	Analysis of graphene-like activated carbon derived from rice straw for application in supercapacitor. <i>Chinese Chemical Letters</i> , 2017, 28, 2290-2294.	9.0	51
111	Biomass-derived synthesis of nitrogen and phosphorus Co-doped mesoporous carbon spheres as catalysts for oxygen reduction reaction. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 103-110.	2.5	23
112	Nanostructured cobalt phosphates as excellent biomimetic enzymes to sensitively detect superoxide anions released from living cells. <i>Biosensors and Bioelectronics</i> , 2017, 87, 998-1004.	10.1	59
113	Three-dimensional nanotubes composed of carbon-anchored ultrathin MoS ₂ nanosheets with enhanced lithium storage. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19792-19797.	2.8	18
114	Bismuth oxychloride ultrathin nanoplates as an anode material for sodium-ion batteries. <i>Materials Letters</i> , 2016, 178, 44-47.	2.6	32
115	Tuning and thermal exfoliation graphene-like carbon nitride nanosheets for superior photocatalytic activity. <i>Ceramics International</i> , 2016, 42, 18521-18528.	4.8	82
116	In situ synthesis and analytical investigation of porous Hb-Mn ₃ (PO ₄) ₂ hybrid nanosheets and their biosensor applications. <i>RSC Advances</i> , 2016, 6, 95199-95203.	3.6	8
117	Nanocubic KTi ₂ (PO ₄) ₃ electrodes for potassium-ion batteries. <i>Chemical Communications</i> , 2016, 52, 11661-11664.	4.1	189
118	Bimetal-organic-frameworks-derived yolk-shell-structured porous Co ₂ P/ZnO@PC/CNTs hybrids for highly sensitive non-enzymatic detection of superoxide anion released from living cells. <i>Chemical Communications</i> , 2016, 52, 12442-12445.	4.1	22
119	Exploration of a calcium-organic framework as an anode material for sodium-ion batteries. <i>Chemical Communications</i> , 2016, 52, 9969-9971.	4.1	29
120	Platanus hispanica-inspired design of Co-carbon nanotube frameworks through chemical vapor deposition: a highly integrated hierarchical electrocatalyst for oxygen reduction reactions. <i>Chemical Communications</i> , 2016, 52, 12992-12995.	4.1	13
121	Evaluation of O ₃ -type Na _{0.8} Ni _{0.6} Sb _{0.4} O ₂ as cathode materials for sodium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2331-2335.	2.5	9
122	Aspergillus flavus Conidia-derived Carbon/Sulfur Composite as a Cathode Material for High Performance Lithium-Sulfur Battery. <i>Scientific Reports</i> , 2016, 6, 18739.	3.3	22
123	Selenium Embedded in Metal-Organic Framework Derived Hollow Hierarchical Porous Carbon Spheres for Advanced Lithium-Selenium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16063-16070.	8.0	106
124	NiMoO ₄ nanofibres designed by electrospinning technique for glucose electrocatalytic oxidation. <i>Analytica Chimica Acta</i> , 2016, 905, 72-78.	5.4	72
125	Ni(II)-Based Metal-Organic Framework Anchored on Carbon Nanotubes for Highly Sensitive Non-Enzymatic Hydrogen Peroxide Sensing. <i>Electrochimica Acta</i> , 2016, 190, 365-370.	5.2	144
126	Nanostring-cluster hierarchical structured Bi ₂ O ₃ : synthesis, evolution and application in biosensing. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1931-1936.	2.8	9

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127	Carbon nanotubes implanted manganese-based MOFs for simultaneous detection of biomolecules in body fluids. <i>Analyst</i> , The, 2016, 141, 1279-1285.	3.5	62
128	Analysis of cobalt phosphide (CoP) nanorods designed for non-enzyme glucose detection. <i>Analyst</i> , The, 2016, 141, 256-260.	3.5	83
129	Electrospinning Synthesis of Porous CoWO ₄ Nanofibers as an Ultrasensitive, Nonenzymatic, Hydrogen Peroxide Sensing Interface with Enhanced Electrocatalysis. <i>ChemElectroChem</i> , 2015, 2, 2061-2070.	3.4	15
130	3D interpenetrating macroporous graphene aerogels with MnO ₂ coating for supercapacitors. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 782-788.	0.9	6
131	Bioinspired synthesis of nitrogen/sulfur co-doped graphene as an efficient electrocatalyst for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2015, 279, 252-258.	7.8	117
132	pH-controllable synthesis of unique nanostructured tungsten oxide aerogel and its sensitive glucose biosensor. <i>Nanotechnology</i> , 2015, 26, 115602.	2.6	18
133	Photocatalytic activity of Pt-modified Bi ₂ WO ₆ nanoporous wall under sunlight. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	12
134	Na _{3.12} Fe _{2.44} (P ₂ O ₇) ₂ /multi-walled carbon nanotube composite as a cathode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17224-17229.	10.3	74
135	Porous graphene to encapsulate Na _{6.24} Fe _{4.88} (P ₂ O ₇) ₄ as composite cathode materials for Na-ion batteries. <i>Chemical Communications</i> , 2015, 51, 13120-13122.	4.1	51
136	A 3D porous interconnected NaVPO ₄ /F/C network: preparation and performance for Na-ion batteries. <i>RSC Advances</i> , 2015, 5, 40065-40069.	3.6	39
137	In situ growth of metallic silver on glucose oxidase for a highly sensitive glucose sensor. <i>RSC Advances</i> , 2015, 5, 34486-34490.	3.6	9
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