

Guangjie Shao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/936723/guangjie-shao-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

3,799
citations

32
h-index

55
g-index

131
ext. papers

4,589
ext. citations

6.4
avg, IF

5.94
L-index

#	Paper	IF	Citations
130	Designing a Functional CNT+PB@MXene-Coated Separator for High-Capacity and Long-Life Lithium-Sulfur Batteries.. <i>Membranes</i> , 2022 , 12,	3.8	2
129	A flexible self-supporting ultralong MnO ₂ nanowires-expanded graphite nanosheets current collector with enhanced catalytic reaction kinetics for high-loading lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2022 , 521, 230929	8.9	7
128	Enhanced confinement synthesis of atomically dispersed Fe-N-C catalyst from resin polymer for oxygen reduction. <i>Journal of Energy Chemistry</i> , 2022 , 65, 630-636	12	3
127	Metal phosphides and borides as the catalytic host of sulfur cathode for lithium-sulfur batteries. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022 , 29, 990-1002	3.1	2
126	Fabrication of oxygen-vacancy abundant MnO ₂ nanowires@ NiM _x O _y -nanosheets core-shell heterostructure for capacity supercapacitors. <i>Journal of Energy Storage</i> , 2022 , 52, 104845	7.8	0
125	MnO ₂ Nanosheet Core-Shell Heterostructure: A Slow Irreversible Transition of Hydrotalcite Phase for High-Performance Pseudocapacitance Electrode. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3983-3992	6.1	8
124	Mo-doped CoP nanosheets as high-performance electrocatalyst for HER and OER. <i>Ionics</i> , 2021 , 27, 3109-3118	3.7	4
123	High Li-Ion Conductivity Artificial Interface Enabled by Li-Grafted Graphene Oxide for Stable Li Metal Pouch Cell. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 29500-29510	9.5	0
122	In-situ surface chemical and structural self-reconstruction strategy enables high performance of Li-rich cathode. <i>Nano Energy</i> , 2021 , 79, 105459	17.1	24
121	Soft X-ray Ptychography Chemical Imaging of Degradation in a Composite Surface-Reconstructed Li-Rich Cathode. <i>ACS Nano</i> , 2021 , 15, 1475-1485	16.7	12
120	Hierarchical ZnO nanorod arrays grown on copper foam as an advanced three-dimensional skeleton for dendrite-free sodium metal anodes. <i>Nano Energy</i> , 2021 , 80, 105563	17.1	24
119	Cobalt-embedded hierarchically-porous hollow carbon microspheres as multifunctional confined reactors for high-loading Li-S batteries. <i>Nano Energy</i> , 2021 , 85, 105981	17.1	39
118	Coral-like prussian blue analogues-derived bimetallic phosphide with enhanced electrocatalytic performance for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 27883-27890	6.7	4
117	Electrodeposited Co-W-P ternary catalyst for hydrogen evolution reaction. <i>Nanotechnology</i> , 2021 , 32,	3.4	1
116	Single-atom catalysts for high-energy rechargeable batteries. <i>Chemical Science</i> , 2021 , 12, 7656-7676	9.4	18
115	A facile method of selective dissolution for preparation of Co ₃ O ₄ /LaCoO ₃ as a bifunctional catalyst for Al/Zn-Bir batteries. <i>Sustainable Energy and Fuels</i> , 2021 , 5, 995-1002	5.8	2
114	Decoupling the Voltage Hysteresis of Li-Rich Cathodes: Electrochemical Monitoring, Modulation Anionic Redox Chemistry and Theoretical Verifying. <i>Advanced Functional Materials</i> , 2021 , 31, 2002643	15.6	22

113	Recent advances in high-loading catalysts for low-temperature fuel cells: From nanoparticle to single atom. <i>SusMat</i> , 2021 , 1, 569-592		8
112	Hierarchical microspheres assembled from Li ₄ Ti ₅ O ₁₂ -TiO ₂ nanosheets with advanced lithium ion storage. <i>Ionics</i> , 2020 , 26, 2763-2772	2.7	2
111	Direct solid-state growth of Fe/N Co-doped coordination structure between carbon nanotubes and ultra-thin porous carbon nanosheets towards oxygen reduction reaction. <i>Electrochimica Acta</i> , 2020 , 353, 136568	6.7	10
110	Graphene-like nitrogen-doped porous carbon nanosheets as both cathode and anode for high energy density lithium-ion capacitor. <i>Electrochimica Acta</i> , 2020 , 349, 136303	6.7	11
109	In Situ LiPO/PVA Solid Polymer Electrolyte Protective Layer Stabilizes the Lithium Metal Anode. <i>ACS Omega</i> , 2020 , 5, 8299-8304	3.9	9
108	In situ fabrication of hierarchical iron oxide spheres@N-doped 3D porous graphene aerogel for superior lithium storage. <i>Ionics</i> , 2020 , 26, 2303-2314	2.7	5
107	Improving catalytic activity of layered lithium transition metal oxides for oxygen electrode in metal-air batteries. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1846-1856	6.7	12
106	Hierarchical Cu fibers induced Li uniform nucleation for dendrite-free lithium metal anode. <i>Chemical Engineering Journal</i> , 2020 , 392, 123691	14.7	20
105	Core-Shell-Structured Sulfur Cathode: Ultrathin MnO Nanosheets as the Catalytic Conversion Shell for Lithium Polysulfides in High Sulfur Content Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35049-35057	9.5	19
104	Stable Electrochemical Li Plating/Stripping Behavior by Anchoring MXene Layers on Three-Dimensional Conductive Skeletons. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37967-37978	9.5	14
103	A sandwich-structure composite carbon layer coated on separator to trap polysulfides for high-performance lithium sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152189	5.7	14
102	3D Oxygen-Defective Potassium Vanadate/Carbon Nanoribbon Networks as High-Performance Cathodes for Aqueous Zinc-Ion Batteries. <i>Small Methods</i> , 2020 , 4, 1900670	12.8	65
101	Boosted electrochemical performance of LiNi _{0.5} Mn _{1.5} O ₄ via synergistic modification of Li ⁺ -Conductive Li ₂ ZrO ₃ coating layer and superficial Zr-doping. <i>Electrochimica Acta</i> , 2020 , 343, 136105	6.7	16
100	Local electronic structure modulation enhances operating voltage in Li-rich cathodes. <i>Nano Energy</i> , 2019 , 66, 104102	17.1	58
99	Boosting Aqueous Zn ²⁺ Storage in 1,4,5,8-Naphthalenetetracarboxylic Dianhydride through Nitrogen Substitution. <i>ChemElectroChem</i> , 2019 , 6, 3644-3647	4.3	29
98	Honeycomb-like Porous Carbon with Nanographitic Domains, Supported on Graphene Layers: Applicability for Lithium/Sodium Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10986-10994	8.3	17
97	Reactivating Li O with Nano-Sn to Achieve Ultrahigh Initial Coulombic Efficiency SiO Anodes for Li-Ion Batteries. <i>ChemSusChem</i> , 2019 , 12, 3377-3382	8.3	9
96	High-Stability MnO Nanowires@C@MnO Nanosheet Core-Shell Heterostructure Pseudocapacitance Electrode Based on Reversible Phase Transition Mechanism. <i>Small</i> , 2019 , 15, e1900862	11	46

95	Enabling immobilization and conversion of polysulfides through a nitrogen-doped carbon nanotubes/ultrathin MoS ₂ nanosheet core-shell architecture for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13103-13112	13	78
94	High electrical conductivity of 3D mesoporous carbon nanocage as an efficient polysulfide buffer layer for high sulfur utilization in lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 71-79	5.7	22
93	Facile precursor conversion synthesis of hollow coral-shaped Co ₃ O ₄ nanostructures for high-performance supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 63-72	5.1	11
92	Graphene Nanoscrolls with Confined Silicon Nanoparticles as a Durable Anode for Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2019 , 5, 748-753	3.5	3
91	Stable composite of flower-like NiFe-layered double hydroxide nucleated on graphene oxide as an effective catalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 5912-5920 ²⁷	6.7	27
90	Effectively enhance high voltage stability of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ cathode material with excellent energy density via La ₂ O ₃ surface modified. <i>Ionics</i> , 2019 , 25, 2007-2016	2.7	4
89	Enhanced Bifunctional Catalytic Activity of Manganese Oxide/Perovskite Hierarchical Core-Shell Materials by Adjusting the Interface for Metal-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25870-25881	9.5	32
88	Na Superionic Conductor-Type TiNb(PO) Anode with High Energy Density and Long Cycle Life Enables Aqueous Alkaline-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39757-39764	9.5	5
87	Core-shell structure LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ @ ultrathin MnO ₂ nanoflakes cathode material with high electrochemical performance for lithium-ion batteries. <i>Ionics</i> , 2019 , 25, 5249-5258	2.7	3
86	A novel compound Co ₂ (OH) ₃ Cl as a long-life supercapacitor electrode material. <i>Materials Letters</i> , 2019 , 237, 344-347	3.3	0
85	Ni-Co layered double hydroxide with self-assembled urchin like morphology for asymmetric supercapacitors. <i>Materials Letters</i> , 2019 , 237, 262-265	3.3	33
84	In situ construction of nitrogen-doped graphene with surface-grown carbon nanotubes as a multifactorial synergistic catalyst for oxygen reduction. <i>Carbon</i> , 2019 , 142, 40-50	10.4	30
83	Datura-like Ni-HG-rGO as highly efficient electrocatalyst for hydrogen evolution reaction in alkaline conditions. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 75-83	9.3	16
82	The study on the active origin of electrocatalytic water splitting using Ni-MoS ₂ as example. <i>Electrochimica Acta</i> , 2018 , 268, 268-275	6.7	21
81	Synergistic effects of ion doping and surface-modifying for lithium transition-metal oxide: Synthesis and characterization of La ₂ O ₃ -modified LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ . <i>Electrochimica Acta</i> , 2018 , 272, 11-21	6.7	46
80	Uniform Multilayer Graphene-Coated Iron and Iron-Carbide as Oxygen Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 4890-4898	8.3	35
79	Disodium citrate-assisted hydrothermal synthesis of VO nanowires for high performance supercapacitors.. <i>RSC Advances</i> , 2018 , 8, 3213-3217	3.7	12
78	Rationally designed ultrathin Ni-Al layered double hydroxide and graphene heterostructure for high-performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018 , 740, 1051-1059	5.7	56

77	Construction of NiCo ₂ O ₄ @MnO ₂ nanosheet arrays for high-performance supercapacitor: Highly cross-linked porous heterostructure and worthy electrochemical double-layer capacitance contribution. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 900-908	5.7	40
76	Effect of Ni Nanoparticles on HG Sheets Modified by GO on the Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10335-10343	8.3	11
75	The In Situ Synthesis of Fe(OH) ₃ Film on Fe Foam as Efficient Anode of Alkaline Supercapacitor Based on a Promising Fe ³⁺ /Fe ⁰ Energy Storage Mechanism. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700484	3.1	11
74	Surface roughening of nanoparticle-stacked porous NiCoO ₂ @C microflakes arrays grown on Ni foam for enhanced hydrogen evolution activity. <i>Electrochimica Acta</i> , 2018 , 284, 226-233	6.7	9
73	Hierarchical Interconnected Expanded Graphitic Ribbons Embedded with Amorphous Carbon: An Advanced Carbon Nanostructure for Superior Lithium and Sodium Storage. <i>Small</i> , 2018 , 14, e1802221	11	28
72	3D-structured carbon-coated MnO/graphene nanocomposites with exceptional electrochemical performance for Li-ion battery anodes. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 2977-2987	2.6	6
71	3D interconnected porous carbon nanosheets/carbon nanotubes as a polysulfide reservoir for high performance lithium-sulfur batteries. <i>Nanoscale</i> , 2018 , 10, 816-824	7.7	126
70	Phosphorus-doped 3D hierarchical porous carbon for high-performance supercapacitors: A balanced strategy for pore structure and chemical composition. <i>Carbon</i> , 2018 , 127, 557-567	10.4	228
69	Mixed Lithium Oxynitride/Oxysulfide as an Interphase Protective Layer To Stabilize Lithium Anodes for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39695-39704	9.5	26
68	Ni-reduced graphene oxide composite cathodes with new hierarchical morphologies for electrocatalytic hydrogen generation in alkaline media. <i>RSC Advances</i> , 2017 , 7, 704-711	3.7	14
67	Ni nanoparticles supported on graphene layers: An excellent 3D electrode for hydrogen evolution reaction in alkaline solution. <i>Journal of Power Sources</i> , 2017 , 347, 220-228	8.9	116
66	Co ₃ O ₄ @MnO ₂ core shell arrays on nickel foam with excellent electrochemical performance for aqueous asymmetric supercapacitor. <i>Ionics</i> , 2017 , 23, 1637-1643	2.7	15
65	Pyrrrole as a promising electrolyte additive to trap polysulfides for lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2017 , 348, 175-182	8.9	82
64	NiMoS ₂ composite coatings as efficient hydrogen evolution reaction catalysts in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 11262-11269	6.7	27
63	Fabrication of High-Performance All-Solid-State Asymmetric Supercapacitors Based on Stable MnO ₂ @NiCo ₂ O ₄ Core-shell Heterostructure and 3D-Nanocage N-Doped Porous Carbon. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4856-4868	8.3	49
62	Supercapacitance of nitrogen-sulfur-oxygen co-doped 3D hierarchical porous carbon in aqueous and organic electrolyte. <i>Journal of Power Sources</i> , 2017 , 359, 556-567	8.9	91
61	Facile Synthesis of Cobalt Nanoparticles Entirely Encapsulated in Slim Nitrogen-Doped Carbon Nanotubes as Oxygen Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3973-3981	8.3	70
60	Formation of Micron-Sized Nickel Cobalt Sulfide Solid Spheres with High Tap Density for Enhancing Pseudocapacitive Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9945-9954	8.3	34

59	The effect of cation mixing controlled by thermal treatment duration on the electrochemical stability of lithium transition-metal oxides. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 29886-29894	3.6	50
58	Nitrogen-doped carbon black supported Pd nanoparticles as an effective catalyst for formic acid electro-oxidation reaction. <i>Frontiers in Energy</i> , 2017 , 11, 310-317	2.6	4
57	3D hierarchical network NiCo ₂ S ₄ nanoflakes grown on Ni foam as efficient bifunctional electrocatalysts for both hydrogen and oxygen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 25267-25276	6.7	45
56	A novel structure of Ni-(MoS ₂ /GO) composite coatings deposited on Ni foam under supergravity field as efficient hydrogen evolution reaction catalysts in alkaline solution. <i>Electrochimica Acta</i> , 2017 , 249, 52-63	6.7	57
55	Coral-like-Structured Ni/C ₃ N ₄ Composite Coating: An Active Electrocatalyst for Hydrogen Evolution Reaction in Alkaline Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7993-8003	8.3	57
54	Comparison of three nickel-based carbon composite catalysts for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 22655-22662	6.7	22
53	Manganese oxide electrode with excellent electrochemical performance for sodium ion batteries by pre-intercalation of K and Na ions. <i>Scientific Reports</i> , 2017 , 7, 2219	4.9	30
52	Template-free synthesis of ultrathin porous carbon shell with excellent conductivity for high-rate supercapacitors. <i>Carbon</i> , 2017 , 111, 419-427	10.4	210
51	The Effects of CeO ₂ Nanorods and CeO ₂ Nanoflakes on Ni ₈ Alloys in Hydrogen Evolution Reactions in Alkaline Solutions. <i>Catalysts</i> , 2017 , 7, 197	4	6
50	Two-dimensional cobalt-manganese binary metal oxide porous nanosheets for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 3473-3480	2.6	2
49	Immobilizing Polysulfides with MXene-Functionalized Separators for Stable Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29427-29433	9.5	171
48	Study of Ni ₈ /CeO ₂ composite material for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 20485-20493	6.7	24
47	A novel approach for the preparation of Ni/CeO ₂ composite cathodes with enhanced electrocatalytic activity. <i>RSC Advances</i> , 2016 , 6, 60806-60814	3.7	17
46	Novel one-step synthesis of wool-ball-like Ni-carbon nanotubes composite cathodes with favorable electrocatalytic activity for hydrogen evolution reaction in alkaline solution. <i>Journal of Power Sources</i> , 2016 , 324, 86-96	8.9	50
45	Enhancement of the Rate Capability of LiFePO ₄ by a New Highly Graphitic Carbon-Coating Method. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15225-31	9.5	49
44	Construction of Hierarchical MnO ₂ Nanowires@Ultrathin MnO ₂ Nanosheets Core-Shell Nanostructure with Excellent Cycling Stability for High-Power Asymmetric Supercapacitor Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9050-8	9.5	212
43	A novel acetylene black/sulfur@graphene composite cathode with unique three-dimensional sandwich structure for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2016 , 190, 426-433	6.7	41
42	Facile synthesis of nitrogen-doped hierarchical porous lamellar carbon for high-performance supercapacitors. <i>RSC Advances</i> , 2016 , 6, 3942-3950	3.7	27

41	High capacity and cycle stability Rechargeable Lithium-Sulfur batteries by sandwiched gel polymer electrolyte. <i>Electrochimica Acta</i> , 2016 , 210, 71-78	6.7	63
40	Synthesis of nitrogen-doped carbon cellular foam with ultra-high rate capability for supercapacitors. <i>RSC Advances</i> , 2015 , 5, 10296-10303	3.7	10
39	Preparation of NiTeO ₂ composite coatings with high catalytic activity for hydrogen evolution reaction. <i>Materials Letters</i> , 2015 , 160, 34-37	3.3	14
38	Cerium-doped porous K-birnessite manganese oxides microspheres as pseudocapacitor electrode material with improved electrochemical capacitance. <i>Electrochimica Acta</i> , 2015 , 182, 1070-1077	6.7	24
37	Effects of yttrium ion doping on electrochemical performance of LiFePO ₄ /C cathodes for lithium-ion battery. <i>Ionics</i> , 2015 , 21, 2701-2708	2.7	7
36	Synthesis of hierarchical conductive C/LiFePO ₄ /carbon nanotubes composite with less antisite defects for high power lithium-ion batteries. <i>Electrochimica Acta</i> , 2015 , 178, 504-510	6.7	18
35	Biotemplated fabrication of a novel hierarchical porous C/LiFePO ₄ /C composite for Li-ion batteries. <i>RSC Advances</i> , 2015 , 5, 1983-1988	3.7	8
34	Polyaniline/MnO ₂ composite with high performance as supercapacitor electrode via pulse electrodeposition. <i>Polymer Composites</i> , 2015 , 36, 113-120	3	23
33	Synthesis of LiFePO ₄ @carbon nanotube core-shell nanowires with a high-energy efficient method for superior lithium ion battery cathodes. <i>Journal of Power Sources</i> , 2015 , 291, 209-214	8.9	52
32	Three-dimensional crisscross porous manganese oxide/carbon composite networks for high performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2015 , 161, 32-39	6.7	10
31	Novel nitrogen-doped hierarchically porous coralloid carbon materials as host matrixes for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2015 , 159, 8-15	6.7	50
30	Flocky MnO ₂ /carbon nanotube composites electrodeposited under supergravity field for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 1321-1329	2.6	9
29	Enhancement of electrochemical performance for LiFePO ₄ cathodes via hybrid coating with electron conductor carbon and lithium ion conductor LaPO ₄ . <i>Electrochimica Acta</i> , 2015 , 156, 77-85	6.7	30
28	Controllable synthesis, morphology evolution and electrochemical properties of LiFePO ₄ cathode materials for Li-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 7728-33	3.6	30
27	Effects of Nb-doped on the structure and electrochemical performance of LiFePO ₄ /C composites. <i>Journal of Solid State Chemistry</i> , 2014 , 210, 232-237	3.3	29
26	Synthesis of MnO ₂ -graphene composites with enhanced supercapacitive performance via pulse electrodeposition under supergravity field. <i>Journal of Solid State Chemistry</i> , 2014 , 215, 160-166	3.3	22
25	Electrodeposition of Ni(OH) ₂ /Ni/graphene composites under supergravity field for supercapacitor application. <i>Materials Letters</i> , 2014 , 122, 273-276	3.3	24
24	A new route for preparation of titanium carbide derived carbon and its performance for supercapacitors. <i>Materials Letters</i> , 2014 , 122, 78-81	3.3	9

23	Ionic conductor cerous phosphate and carbon hybrid coating LiFePO ₄ with improved electrochemical properties for lithium ion batteries. <i>Journal of Power Sources</i> , 2014 , 269, 194-202	8.9	38
22	Ultrathin Nanoflakes Assembled 3D Hierarchical Mesoporous Co ₃ O ₄ Nanoparticles for High-Rate Pseudocapacitors. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 1079-1083	3.1	31
21	Pulsed electrodeposition of mesoporous cobalt-doped manganese dioxide as supercapacitor electrode material. <i>Ionics</i> , 2014 , 20, 243-249	2.7	18
20	Enhanced electrochemical properties of Al-doped bulk manganese oxides synthesized by a facile liquid-phase method. <i>Ionics</i> , 2014 , 20, 1367-1375	2.7	6
19	Novel Ultrathin Nanoflake Assembled Porous MnO ₂ /Carbon Strip Microspheres for Superior Pseudocapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2191-2197	8.3	15
18	MnO ₂ /graphite electrodeposited under supergravity field for supercapacitors and its electrochemical properties. <i>Ionics</i> , 2014 , 20, 295-299	2.7	7
17	Enhanced electrochemical performance of nano-MnO ₂ modified by Ni(OH) ₂ as electrode material for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 3173-3180	2.6	15
16	Solvothermal synthesis of LiFePO ₄ nanoplates with (010) plane and the uniform carbon coated on their surface by esterification reaction. <i>Materials Chemistry and Physics</i> , 2014 , 143, 969-976	4.4	20
15	Influence of hydrophilic properties on capacitive behavior of functionalized graphene. <i>Ionics</i> , 2014 , 20, 1055-1061	2.7	7
14	Composites of olive-like manganese oxalate on graphene sheets for supercapacitor electrodes. <i>Ionics</i> , 2014 , 20, 145-149	2.7	25
13	Influence of surface modification by vanadium oxide and carbon on the electrochemical performance of LiFePO ₄ /C. <i>Ionics</i> , 2013 , 19, 1091-1097	2.7	5
12	Electrochemical performance of Mo-doped LiFePO ₄ /C composites prepared by two-step solid-state reaction. <i>Ionics</i> , 2013 , 19, 437-443	2.7	17
11	Enhanced high rate and low temperature electrochemical properties of LiFePO ₄ /C composites by doping samarium ion. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2409-2416	2.6	7
10	Preparation of ZnO-Zn ₂ TiO ₄ Sol Composite Films and Its Photocatalytic Activities. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-5	3.2	13
9	Li ₃ V ₂ (PO ₄) ₃ modified LiFePO ₄ /C cathode materials with improved high-rate and low-temperature properties. <i>Ionics</i> , 2013 , 19, 1861-1866	2.7	13
8	Comparing the Electrochemical Performance of LiFePO ₄ /C Modified by Mg Doping and MgO Coating. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-8	3.2	4
7	High specific surface area MnO ₂ electrodeposited under supergravity field for supercapacitors and its electrochemical properties. <i>Materials Letters</i> , 2012 , 84, 13-15	3.3	28
6	Titanium carbide derived nanoporous carbon for supercapacitor applications. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 19395-19400	6.7	31

5	Development on transparent conductive ZnO thin films doped with various impurity elements. <i>Rare Metals</i> , 2011 , 30, 175-182	5.5	10
4	Influence of La-dopant on the material characteristics and supercapacitive performance of MnO ₂ electrodes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011 , 26, 33-37	1	4
3	Supercapacitor characteristic of La-doped Ni(OH) ₂ prepared by electrode-position. <i>Rare Metals</i> , 2009 , 28, 132-136	5.5	17
2	Grain evolution of nano-crystals ZnO under HP and HT 2006 , 49, 281-290		1
1	Study on the initial electrodeposition behavior of NiB alloys. <i>Materials Chemistry and Physics</i> , 2005 , 90, 327-332	4.4	8