

Yuqian Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4554687/yuqian-li-publications-by-year.pdf>

Version: 2024-04-23

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.

129
papers

7,516
citations

52
h-index

84
g-index

137
ext. papers

9,196
ext. citations

11.7
avg, IF

6.46
L-index

#	Paper	IF	Citations
129	Ionic Liquid-Impregnated ZIF-8/Polypropylene Solid-like Electrolyte for Dendrite-free Lithium-Metal Batteries.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	7
128	In-situ generated Li ₃ N/Li-Al alloy in reduced graphene oxide framework optimizing ultra-thin lithium metal electrode for solid-state batteries. <i>Energy Storage Materials</i> , 2022 , 49, 546-554	19.4	1
127	Multifunctional Hyphae Carbon Powering Lithium Sulfur Batteries. <i>Advanced Materials</i> , 2021 , e2107415	24	15
126	Ultrafast Synthesis of I-Rich Lithium Argyrodite Glass-Ceramic Electrolyte with High Ionic Conductivity. <i>Advanced Materials</i> , 2021 , e2107346	24	5
125	Single-Crystal-Layered Ni-Rich Oxide Modified by Phosphate Coating Boosting Interfacial Stability of Li SnP S -Based All-Solid-State Li Batteries. <i>Small</i> , 2021 , 17, e2103830	11	4
124	Sodium-storage behavior of electron-rich element-doped amorphous carbon. <i>Applied Physics Reviews</i> , 2021 , 8, 011402	17.3	8
123	Fluorinated Interface Layer with Embedded Zinc Nanoparticles for Stable Lithium-Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17690-17698	9.5	2
122	Self-Healing Properties of Alkali Metals under High-Energy Conditions in Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2100470	21.8	6
121	Porous Composite Gel Polymer Electrolyte with Interfacial Transport Pathways for Flexible Quasi Solid Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 23743-23750	9.5	4
120	Robust LiPSI Interlayer to Stabilize the Tailored Electrolyte LiSnPSF/Li Metal Interface. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30739-30745	9.5	3
119	N-Doped NiO Nanosheet Arrays as Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>Journal of Electronic Materials</i> , 2021 , 50, 5072	1.9	4
118	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3661-3671	16.4	103
117	A Facile Way to Construct Stable and Ionic Conductive Lithium Sulfide Nanoparticles Composed Solid Electrolyte Interphase on Li Metal Anode. <i>Advanced Functional Materials</i> , 2021 , 31, 2006380	15.6	19
116	Recent progress on the phase modulation of molybdenum disulphide/diselenide and their applications in electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 1418-1428	13	12
115	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. <i>Angewandte Chemie</i> , 2021 , 133, 3705-3715	3.6	17
114	In situ formation of a Li ₃ N-rich interface between lithium and argyrodite solid electrolyte enabled by nitrogen doping. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 13531-13539	13	15
113	Porous Polyamide Skeleton-Reinforced Solid-State Electrolyte: Enhanced Flexibility, Safety, and Electrochemical Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 11018-11025	9.5	11

112	A Powerful One-Step Puffing Carbonization Method for Construction of Versatile Carbon Composites with High-Efficiency Energy Storage. <i>Advanced Materials</i> , 2021 , 33, e2102796	24	18
111	A Versatile Li _{6.5} In _{0.25} P _{0.75} S ₅ I Sulfide Electrolyte Triggered by Ultimate-Energy Mechanical Alloying for All-Solid-State Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2101521	21.8	8
110	Expounding the Initial Alloying Behavior of Na-K Liquid Alloy Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 40118-40126	9.5	2
109	Heterovalent Cation Substitution to Enhance the Ionic Conductivity of Halide Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47610-47618	9.5	4
108	An intercalation compound for high-safe K metal batteries. <i>Energy Storage Materials</i> , 2021 , 41, 606-613	19.4	13
107	Ion competition and limiting dendrite growth models of hybrid-ion symmetric cell. <i>Energy Storage Materials</i> , 2021 , 42, 268-276	19.4	4
106	Interface issues of lithium metal anode for high-energy batteries: Challenges, strategies, and perspectives. <i>Information Materials</i> , 2021 , 3, 155-174	23.1	72
105	High Performance Single-Crystal Ni-Rich Cathode Modification via Crystalline LLTO Nanocoating for All-Solid-State Lithium Batteries.. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	4
104	Electrode Design for Lithium-Sulfur Batteries: Problems and Solutions. <i>Advanced Functional Materials</i> , 2020 , 30, 1910375	15.6	109
103	Formation and Evaluation of a Deep Eutectic Solvent Conversion Film on Biodegradable Magnesium Alloy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 33315-33324	9.5	11
102	Introducing Oxygen Defects into Phosphate Ions Intercalated Manganese Dioxide/Vertical Multilayer Graphene Arrays to Boost Flexible Zinc Ion Storage. <i>Small Methods</i> , 2020 , 4, 1900828	12.8	69
101	Synergy of Ion Doping and Spiral Array Architecture on Ti ₂ Nb ₁₀ O ₂₉ : A New Way to Achieve High-Power Electrodes. <i>Advanced Functional Materials</i> , 2020 , 30, 2002665	15.6	24
100	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants 2020 , 1,		3
99	High Interfacial-Energy Interphase Promoting Safe Lithium Metal Batteries. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2438-2447	16.4	93
98	Boosting fast energy storage by synergistic engineering of carbon and deficiency. <i>Nature Communications</i> , 2020 , 11, 132	17.4	61
97	Enhanced bioaccumulation efficiency and tolerance for Cd (II) in <i>Arabidopsis thaliana</i> by amphoteric nitrogen-doped carbon dots. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110108	7	12
96	Impacts of surface chemistry of functional carbon nanodots on the plant growth. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111220	7	12
95	Coupling a Sponge Metal Fibers Skeleton with In Situ Surface Engineering to Achieve Advanced Electrodes for Flexible Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2020 , 32, e2003657	24	45

94	Improved Ionic Conductivity and Li Dendrite Suppression Capability toward LiPS-Based Solid Electrolytes Triggered by Nb and O Cosubstitution. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 54662-54670	9.5	17
93	Potassium Hexafluorophosphate Additive Enables Stable Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56017-56026	9.5	14
92	Anchoring SnS on TiC/C Backbone to Promote Sodium Ion Storage by Phosphate Ion Doping. <i>Small</i> , 2020 , 16, e2004072	11	21
91	Exploring the Stability Effect of the Co-Substituted P2-Na[MnNi]O Cathode for Liquid- and Solid-State Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 41477-41484	9.5	8
90	A gel polymer electrolyte based on PVDF-HFP modified double polymer matrices via ultraviolet polymerization for lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2020 , 558, 145-154	9.3	32
89	Construction of 1T-MoSe /TiC@C Branch-Core Arrays as Advanced Anodes for Enhanced Sodium Ion Storage. <i>ChemSusChem</i> , 2020 , 13, 1575-1581	8.3	17
88	Bacterium, Fungus, and Virus Microorganisms for Energy Storage and Conversion. <i>Small Methods</i> , 2019 , 3, 1900596	12.8	59
87	Ordered lithiophilic sites to regulate Li plating/stripping behavior for superior lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 21794-21801	13	49
86	Coupled Biphasic (1T-2H)-MoSe on Mold Spore Carbon for Advanced Hydrogen Evolution Reaction. <i>Small</i> , 2019 , 15, e1901796	11	54
85	SnO Nanoflake Arrays Coated with Polypyrrole on a Carbon Cloth as Flexible Anodes for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 24198-24204	9.5	60
84	Original growth mechanism for ultra-stable dendrite-free potassium metal electrode. <i>Nano Energy</i> , 2019 , 62, 367-375	17.1	55
83	Molybdenum Selenide Electrocatalysts for Electrochemical Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2019 , 6, 3530-3548	4.3	42
82	and evaluations of the fully porous Ti6Al4V acetabular cups fabricated by a sintering technique.. <i>RSC Advances</i> , 2019 , 9, 6724-6732	3.7	6
81	Implanting Niobium Carbide into Trichoderma Spore Carbon: a New Advanced Host for Sulfur Cathodes. <i>Advanced Materials</i> , 2019 , 31, e1900009	24	132
80	Enhancement of the advanced Na storage performance of Na ₃ V ₂ (PO ₄) ₃ in a symmetric sodium full cell via a dual strategy design. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10231-10238	13	32
79	Nitrogen-Doped Sponge Ni Fibers as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Nano-Micro Letters</i> , 2019 , 11, 21	19.5	46
78	Cathode-Supported All-Solid-State Lithium-Sulfur Batteries with High Cell-Level Energy Density. <i>ACS Energy Letters</i> , 2019 , 4, 1073-1079	20.1	86
77	Polypyrrole-Coated Sodium Manganate Hollow Microspheres as a Superior Cathode for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15630-15637	9.5	21

76	Multiscale Graphene-Based Materials for Applications in Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803342	21.8	146
75	High-Index-Faceted NiS Branch Arrays as Bifunctional Electrocatalysts for Efficient Water Splitting. <i>Nano-Micro Letters</i> , 2019 , 11, 12	19.5	50
74	In vitro and in vivo investigations of a-C/a-C:Ti nanomultilayer coated Ti6Al4V alloy as artificial femoral head. <i>Materials Science and Engineering C</i> , 2019 , 99, 816-826	8.3	8
73	Bi-containing Electrolyte Enables Robust and Li Ion Conductive Solid Electrolyte Interphase for Advanced Lithium Metal Anodes. <i>Frontiers in Chemistry</i> , 2019 , 7, 952	5	7
72	Multiscale Porous Carbon Nanomaterials for Applications in Advanced Rechargeable Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 9-36	5.6	41
71	Non-Newtonian Fluid State KNa Alloy for a Stretchable Energy Storage Device. <i>Small Methods</i> , 2019 , 3, 1900383	12.8	22
70	Synergistic Doping and Intercalation: Realizing Deep Phase Modulation on MoS Arrays for High-Efficiency Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16289-16296	16.4	113
69	Defect Promoted Capacity and Durability of N-MnO Branch Arrays via Low-Temperature NH Treatment for Advanced Aqueous Zinc Ion Batteries. <i>Small</i> , 2019 , 15, e1905452	11	103
68	Enhanced Li-Storage of Ni S Nanowire Arrays with N-Doped Carbon Coating Synthesized by One-Step CVD Process and Investigated Via Ex Situ TEM. <i>Small</i> , 2019 , 15, e1904433	11	10
67	Boosting High-Rate Sodium Storage Performance of N-Doped Carbon-Encapsulated Na V (PO) Nanoparticles Anchoring on Carbon Cloth. <i>Small</i> , 2019 , 15, e1902432	11	35
66	Ti Self-Doped Li Ti O Anchored on N-Doped Carbon Nanofiber Arrays for Ultrafast Lithium-Ion Storage. <i>Small</i> , 2019 , 15, e1905296	11	35
65	Synergistic Doping and Intercalation: Realizing Deep Phase Modulation on MoS2 Arrays for High-Efficiency Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019 , 131, 16435-16442	3.6	13
64	High Capacity and Superior Rate Performances Coexisting in Carbon-Based Sodium-Ion Battery Anode. <i>Research</i> , 2019 , 2019, 6930294	7.8	7
63	Bioinspired large-scale production of multidimensional high-rate anodes for both liquid & solid-state lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 22958-22966	13	15
62	Porous Carbon Hosts for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2019 , 25, 3710-3725	4.8	85
61	In vitro and in vivo comparisons of the porous Ti6Al4V alloys fabricated by the selective laser melting technique and a new sintering technique. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 149-158	4.1	17
60	In Situ Solid Electrolyte Interphase from Spray Quenching on Molten Li: A New Way to Construct High-Performance Lithium-Metal Anodes. <i>Advanced Materials</i> , 2019 , 31, e1806470	24	101
59	Pine-Needle-Like Cu-Co Skeleton Compositing with Li Ti O Forming Core-Branch Arrays for High-Rate Lithium Ion Storage. <i>Small</i> , 2018 , 14, e1704339	11	36

58	Metal-Embedded Porous Graphitic Carbon Fibers Fabricated from Bamboo Sticks as a Novel Cathode for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 13598-13605	9.5	44
57	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for High-Performance Lithium Sulfur Batteries. <i>Advanced Functional Materials</i> , 2018 , 28, 1706391	15.6	258
56	Recent Developments of All-Solid-State Lithium Secondary Batteries with Sulfide Inorganic Electrolytes. <i>Chemistry - A European Journal</i> , 2018 , 24, 6007-6018	4.8	36
55	Rationally Designed Silicon Nanostructures as Anode Material for Lithium-Ion Batteries. <i>Advanced Engineering Materials</i> , 2018 , 20, 1700591	3.5	72
54	A NiCo ₂ O ₄ Shell on a Hollow Ni Nanorod Array Core for Water Splitting with Enhanced Electrocatalytic Performance. <i>ChemNanoMat</i> , 2018 , 4, 124-131	3.5	27
53	Popcorn Inspired Porous Macrocellular Carbon: Rapid Puffing Fabrication from Rice and Its Applications in Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1701110	21.8	317
52	Boosting sodium ion storage by anchoring MoO ₂ on vertical graphene arrays. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15546-15552	13	98
51	Straw Brick-Like Carbon Fiber Cloth/Lithium Composite Electrode as an Advanced Lithium Metal Anode. <i>Small Methods</i> , 2018 , 2, 1800035	12.8	80
50	Hierarchical MoS ₂ /Carbon Composite Microspheres as Advanced Anodes for Lithium/Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 11220-11226	4.8	49
49	Enhancing Ultrafast Lithium Ion Storage of Li ₄ Ti ₅ O ₁₂ by Tailored TiC/C Core/Shell Skeleton Plus Nitrogen Doping. <i>Advanced Functional Materials</i> , 2018 , 28, 1802756	15.6	118
48	3D TiC/C Core/Shell Nanowire Skeleton for Dendrite-Free and Long-Life Lithium Metal Anode. <i>Advanced Energy Materials</i> , 2018 , 8, 1702322	21.8	204
47	Revisiting Scientific Issues for Industrial Applications of Lithium Sulfur Batteries. <i>Energy and Environmental Materials</i> , 2018 , 1, 196-208	13	101
46	Spore Carbon from <i>Aspergillus Oryzae</i> for Advanced Electrochemical Energy Storage. <i>Advanced Materials</i> , 2018 , 30, e1805165	24	103
45	Exploring Self-Healing Liquid Na-K Alloy for Dendrite-Free Electrochemical Energy Storage. <i>Advanced Materials</i> , 2018 , 30, e1804011	24	82
44	Interface engineering of sulfide electrolytes for all-solid-state lithium batteries. <i>Nano Energy</i> , 2018 , 53, 958-966	17.1	133
43	A synergistic vertical graphene skeleton and Sn shell to construct high-performance TiNb ₂ O ₇ -based core/shell arrays. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20195-20204	13	61
42	Phase Modulation of (1T-2H)-MoSe ₂ /TiC-C Shell/Core Arrays via Nitrogen Doping for Highly Efficient Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2018 , 30, e1802223	24	183
41	Robust Slippery Coating with Superior Corrosion Resistance and Anti-Icing Performance for AZ31B Mg Alloy Protection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 11247-11257	9.5	174

40	Hybrid vertical graphene/lithium titanate/CNTs arrays for lithium ion storage with extraordinary performance. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8916-8921	13	66
39	Mechanical Properties and in Vitro and in Vivo Biocompatibility of a-C/a-C:Ti Nanomultilayer Films on Ti6Al4V Alloy as Medical Implants. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15933-15942	9.5	26
38	Directional Construction of Vertical Nitrogen-Doped 1T-2H MoSe ₂ /Graphene Shell/Core Nanoflake Arrays for Efficient Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2017 , 29, 1700748	24	328
37	Deep eutectic solvents (DESs)-derived advanced functional materials for energy and environmental applications: challenges, opportunities, and future vision. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8209-8229	13	174
36	Rational construction of a metal core for smart combination with Li ₄ Ti ₅ O ₁₂ as integrated arrays with superior high-rate Li-ion storage performance. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 1394-1399	13	61
35	Highly Efficient Bifunctional Catalyst of NiCo ₂ O ₄ @NiO@Ni Core/Shell Nanocone Array for Stable Overall Water Splitting. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700228	3.1	15
34	Integration of Energy Harvesting and Electrochemical Storage Devices. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700182	6.8	63
33	Hierarchical porous Ti ₂ Nb ₁₀ O ₂₉ nanospheres as superior anode materials for lithium ion storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21134-21139	13	102
32	A Newly Designed Composite Gel Polymer Electrolyte Based on Poly(Vinylidene Fluoride-Hexafluoropropylene) (PVDF-HFP) for Enhanced Solid-State Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2017 , 23, 15203-15209	4.8	82
31	Construction of All-Solid-State Batteries based on a Sulfur-Graphene Composite and Li ₃ SiP ₂ Cl ₂ Solid Electrolyte. <i>Chemistry - A European Journal</i> , 2017 , 23, 13950-13956	4.8	52
30	Construction of Nitrogen-Doped Carbon-Coated MoSe ₂ Microspheres with Enhanced Performance for Lithium Storage. <i>Chemistry - A European Journal</i> , 2017 , 23, 12924-12929	4.8	33
29	Anchoring Ni ₂ P Sheets on NiCo ₂ O ₄ Nanocone Arrays as Optimized Bifunctional Electrocatalyst for Water Splitting. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700481	4.6	45
28	Performance Enhancement of a Sulfur/Carbon Cathode by Polydopamine as an Efficient Shell for High-Performance Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2017 , 23, 10610-10615	4.8	16
27	Vertical-Aligned Li ₂ S-Graphene Encapsulated within a Carbon Shell as a Free-Standing Cathode for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2017 , 23, 11169-11174	4.8	24
26	All-solid-state electrochromic devices based on WO ₃ NiO films: material developments and future applications. <i>Science China Chemistry</i> , 2017 , 60, 3-12	7.9	59
25	Single-Crystalline, Metallic TiC Nanowires for Highly Robust and Wide-Temperature Electrochemical Energy Storage. <i>Small</i> , 2017 , 13, 1602742	11	73
24	Exploring Advanced Sandwiched Arrays by Vertical Graphene and N-Doped Carbon for Enhanced Sodium Storage. <i>Advanced Energy Materials</i> , 2017 , 7, 1601804	21.8	215
23	Carbon fiber-incorporated sulfur/carbon ternary cathode for lithium-sulfur batteries with enhanced performance. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 1203-1210	2.6	20

22	Perovskite solar cell powered electrochromic batteries for smart windows. <i>Materials Horizons</i> , 2016 , 3, 588-595	14.4	118
21	Facile and scalable synthesis of nanosized core-shell Li ₂ S@C composite for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16653-16660	13	24
20	Nitrogen-Doped Carbon Embedded MoS ₂ Microspheres as Advanced Anodes for Lithium- and Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 11617-23	4.8	93
19	Monolayer titanium carbide hollow sphere arrays formed via an atomic layer deposition assisted method and their excellent high-temperature supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18717-18722	13	58
18	A CNT cocoon on sodium manganate nanotubes forming a core/branch cathode coupled with a helical carbon nanofibre anode for enhanced sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 11207-11213	13	80
17	A Smart Superhydrophobic Coating on AZ31B Magnesium Alloy with Self-Healing Effect. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500694	4.6	40
16	Generic Synthesis of Carbon Nanotube Branches on Metal Oxide Arrays Exhibiting Stable High-Rate and Long-Cycle Sodium-Ion Storage. <i>Small</i> , 2016 , 12, 3048-58	11	377
15	Facile fabrication of integrated three-dimensional C-MoSe ₂ /reduced graphene oxide composite with enhanced performance for sodium storage. <i>Nano Research</i> , 2016 , 9, 1618-1629	10	129
14	Efficient oxygen reduction reaction using mesoporous Ni-doped Co ₃ O ₄ nanowire array electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 18372-18379	13	48
13	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance. <i>Energy and Environmental Science</i> , 2015 , 8, 1559-1568	35.4	188
12	High-energy cathode materials for Li-ion batteries: A review of recent developments. <i>Science China Technological Sciences</i> , 2015 , 58, 1809-1828	3.5	56
11	Microstructure and corrosion behavior of Cr and CrB alloy coatings electrodeposited from a Cr(III) deep eutectic solvent. <i>RSC Advances</i> , 2015 , 5, 71268-71277	3.7	22
10	Novel Metal@Carbon Spheres Core-shell Arrays by Controlled Self-Assembly of Carbon Nanospheres: A Stable and Flexible Supercapacitor Electrode. <i>Advanced Energy Materials</i> , 2015 , 5, 1401709	21.8	129
9	Synthesis of reduced graphene oxide by an ionothermal method and electrochemical performance. <i>RSC Advances</i> , 2013 , 3, 11807	3.7	24
8	Sulfur@hollow polypyrrole sphere nanocomposites for rechargeable LiB batteries. <i>RSC Advances</i> , 2013 , 3, 24914	3.7	62
7	Hydrothermal synthesized porous Co(OH) ₂ nanoflake film for supercapacitor application. <i>Science Bulletin</i> , 2012 , 57, 4215-4219		30
6	Effect of rapid quenching on the microstructure and electrochemical characteristics of La _{0.6} Ce _{0.4} Ni _{3.6} Co _{0.65} Mn _{0.4} Al _{0.2} Ti _{0.05} (FeB) _{0.1} hydrogen storage alloy. <i>Rare Metals</i> , 2010 , 29, 593-596	5.5	1
5	The Effect of Stress Relaxation on the Microstructure and Hardness Evolution of Pure Amorphous-Carbon and C/Ti Multilayer Films. <i>Advanced Engineering Materials</i> , 2010 , 12, 920-925	3.5	13

4	Magnetron Sputtering Sn-Ag-O Thin Film Anodes For Rechargeable Lithium Ion Batteries 2006 ,		1
3	Synthesis and characterization of graphite nanofibers deposited on nickel foams. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 5325-5329	3.6	16
2	Growth of a porous NiCoO ₂ nanowire network for transparent-to-brownish grey electrochromic smart windows with wide-band optical modulation. <i>Journal of Materials Chemistry C</i> ,	7.1	7
1	LiBr∕LiF-Rich Solid∕Electrolyte Interface Layer on Lithiophilic 3D Framework for Enhanced Lithium Metal Anode. <i>Small Structures</i> ,2200010	8.7	4