

Yuqian Li

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129
papers

7,516
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137
ext. papers

9,196
ext. citations

11.7
avg, IF

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L-index

#	Paper	IF	Citations
129	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
128	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
127	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
126	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
125	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
124	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
123	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
122	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
121	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
120	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
119	Multiscale Graphene-Based Materials for Applications in Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803342	21.8	146
118	Interface engineering of sulfide electrolytes for all-solid-state lithium batteries. <i>Nano Energy</i> , 2018 , 53, 958-966	17.1	133
117	Implanting Niobium Carbide into Trichoderma Spore Carbon: a New Advanced Host for Sulfur Cathodes. <i>Advanced Materials</i> , 2019 , 31, e1900009	24	132
116	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
115	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
114	Perovskite solar cell powered electrochromic batteries for smart windows. <i>Materials Horizons</i> , 2016 , 3, 588-595	14.4	118
113	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

112	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
111	Electrode Design for Lithium-Sulfur Batteries: Problems and Solutions. <i>Advanced Functional Materials</i> , 2020 , 30, 1910375	15.6	109
110	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
109	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
108	Spore Carbon from Aspergillus Oryzae for Advanced Electrochemical Energy Storage. <i>Advanced Materials</i> , 2018 , 30, e1805165	24	103
107	Hierarchical porous Ti2Nb10O29 nanospheres as superior anode materials for lithium ion storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21134-21139	13	102
106	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
105	Revisiting Scientific Issues for Industrial Applications of Lithium-Sulfur Batteries. <i>Energy and Environmental Materials</i> , 2018 , 1, 196-208	13	101
104	Boosting sodium ion storage by anchoring MoO2 on vertical graphene arrays. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15546-15552	13	98
103	Nitrogen-Doped Carbon Embedded MoS2 Microspheres as Advanced Anodes for Lithium- and Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 11617-23	4.8	93
102	High Interfacial-Energy Interphase Promoting Safe Lithium Metal Batteries. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2438-2447	16.4	93
101	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
100	Porous Carbon Hosts for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2019 , 25, 3710-3725	4.8	85
99	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
98	Exploring Self-Healing Liquid Na-K Alloy for Dendrite-Free Electrochemical Energy Storage. <i>Advanced Materials</i> , 2018 , 30, e1804011	24	82
97	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
96	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
95	Single-Crystalline, Metallic TiC Nanowires for Highly Robust and Wide-Temperature Electrochemical Energy Storage. <i>Small</i> , 2017 , 13, 1602742	11	73

94	Rationally Designed Silicon Nanostructures as Anode Material for Lithium-Ion Batteries. <i>Advanced Engineering Materials</i> , 2018 , 20, 1700591	3.5	72
93	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
92	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
91	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
90	Integration of Energy Harvesting and Electrochemical Storage Devices. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700182	6.8	63
89	Sulfur@hollow polypyrrole sphere nanocomposites for rechargeable LiB batteries. <i>RSC Advances</i> , 2013 , 3, 24914	3.7	62
88	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
87	Boosting fast energy storage by synergistic engineering of carbon and deficiency. <i>Nature Communications</i> , 2020 , 11, 132	17.4	61
86	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
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	Bacterium, Fungus, and Virus Microorganisms for Energy Storage and Conversion. <i>Small Methods</i> , 2019 , 3, 1900596	12.8	59
83	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
82	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
81	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
80	Original growth mechanism for ultra-stable dendrite-free potassium metal electrode. <i>Nano Energy</i> , 2019 , 62, 367-375	17.1	55
79	Coupled Biphasic (1T-2H)-MoSe ₂ on Mold Spore Carbon for Advanced Hydrogen Evolution Reaction. <i>Small</i> , 2019 , 15, e1901796	11	54
78	Construction of All-Solid-State Batteries based on a Sulfur-Graphene Composite and Li Si P S Cl Solid Electrolyte. <i>Chemistry - A European Journal</i> , 2017 , 23, 13950-13956	4.8	52
77	High-Index-Faceted NiS Branch Arrays as Bifunctional Electrocatalysts for Efficient Water Splitting. <i>Nano-Micro Letters</i> , 2019 , 11, 12	19.5	50

76	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
75	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
74	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
73	Nitrogen-Doped Sponge Ni Fibers as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Nano-Micro Letters</i> , 2019 , 11, 21	19.5	46
72	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
71	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
70	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
69	Molybdenum Selenide Electrocatalysts for Electrochemical Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2019 , 6, 3530-3548	4.3	42
68	Multiscale Porous Carbon Nanomaterials for Applications in Advanced Rechargeable Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 9-36	5.6	41
67	A Smart Superhydrophobic Coating on AZ31B Magnesium Alloy with Self-Healing Effect. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500694	4.6	40
66	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
65	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
64	Boosting High-Rate Sodium Storage Performance of N-Doped Carbon-Encapsulated Na V (PO) ₄ Nanoparticles Anchoring on Carbon Cloth. <i>Small</i> , 2019 , 15, e1902432	11	35
63	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
62	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
61	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
60	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
59	Hydrothermal synthesized porous Co(OH) ₂ nanoflake film for supercapacitor application. <i>Science Bulletin</i> , 2012 , 57, 4215-4219		30

58	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
57	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
56	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
55	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
54	Synthesis of reduced graphene oxide by an ionothermal method and electrochemical performance. <i>RSC Advances</i> , 2013 , 3, 11807	3.7	24
53	Vertical-Aligned Li 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
52	Microstructure and corrosion behavior of Cr and Cr-B alloy coatings electrodeposited from a Cr(III) deep eutectic solvent. <i>RSC Advances</i> , 2015 , 5, 71268-71277	3.7	22
51	Non-Newtonian Fluid State KNa Alloy for a Stretchable Energy Storage Device. <i>Small Methods</i> , 2019 , 3, 1900383	12.8	22
50	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
49	Anchoring SnS on TiC/C Backbone to Promote Sodium Ion Storage by Phosphate Ion Doping. <i>Small</i> , 2020 , 16, e2004072	11	21
48	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
47	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
46	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
45	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
44	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
43	Construction of 1T-MoSe ₂ /TiC@C Branch-Core Arrays as Advanced Anodes for Enhanced Sodium Ion Storage. <i>ChemSusChem</i> , 2020 , 13, 1575-1581	8.3	17
42	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
41	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

40	Synthesis and characterization of graphite nanofibers deposited on nickel foams. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 5325-5329	3.6	16
39	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
38	Multifunctional Hyphae Carbon Powering Lithium Sulfur Batteries. <i>Advanced Materials</i> , 2021 , e2107415	24	15
37	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
36	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
35	Potassium Hexafluorophosphate Additive Enables Stable Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56017-56026	9.5	14
34	Synergistic Doping and Intercalation: Realizing Deep Phase Modulation on MoS ₂ Arrays for High-Efficiency Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019 , 131, 16435-16442	3.6	13
33	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
32	An intercalation compound for high-safe K metal batteries. <i>Energy Storage Materials</i> , 2021 , 41, 606-613	19.4	13
31	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
30	Impacts of surface chemistry of functional carbon nanodots on the plant growth. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111220	7	12
29	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
28	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
27	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
26	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
25	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
24	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
23	Sodium-storage behavior of electron-rich element-doped amorphous carbon. <i>Applied Physics Reviews</i> , 2021 , 8, 011402	17.3	8

22	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
21	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
20	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
19	High Capacity and Superior Rate Performances Coexisting in Carbon-Based Sodium-Ion Battery Anode. <i>Research</i> , 2019 , 2019, 6930294	7.8	7
18	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
17	and evaluations of the fully porous Ti ₆ Al ₄ V acetabular cups fabricated by a sintering technique.. <i>RSC Advances</i> , 2019 , 9, 6724-6732	3.7	6
16	Self-Healing Properties of Alkali Metals under High-Energy Conditions in Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2100470	21.8	6
15	Ultrafast Synthesis of I-Rich Lithium Argyrodite Glass-Ceramic Electrolyte with High Ionic Conductivity. <i>Advanced Materials</i> , 2021 , e2107346	24	5
14	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
13	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
12	N-Doped NiO Nanosheet Arrays as Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>Journal of Electronic Materials</i> , 2021 , 50, 5072	1.9	4
11	Heterovalent Cation Substitution to Enhance the Ionic Conductivity of Halide Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47610-47618	9.5	4
10	Ion competition and limiting dendrite growth models of hybrid-ion symmetric cell. <i>Energy Storage Materials</i> , 2021 , 42, 268-276	19.4	4
9	LiBr/I-F-Rich Solid Electrolyte Interface Layer on Lithiophilic 3D Framework for Enhanced Lithium Metal Anode. <i>Small Structures</i> , 2200010	8.7	4
8	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
7	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants 2020 , 1,		3
6	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
5	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

4	Expounding the Initial Alloying Behavior of Na-K Liquid Alloy Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 40118-40126	9.5	2
3	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}	5.5	1
2	Magnetron Sputtering Sn-Ag-O Thin Film Anodes For Rechargeable Lithium Ion Batteries 2006 ,		1
1	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