

Yeru Liang

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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

5,548
citations

44
h-index

71
g-index

133
ext. papers

6,521
ext. citations

8.9
avg, IF

5.95
L-index

#	Paper	IF	Citations
130	Facile synthesis of ultrahigh-surface-area hollow carbon nanospheres for enhanced adsorption and energy storage. <i>Nature Communications</i> , 2015 , 6, 7221	17.4	473
129	A review of rechargeable batteries for portable electronic devices. <i>Information Materials</i> , 2019 , 1, 6-32	23.1	400
128	Fast ion transport and high capacitance of polystyrene-based hierarchical porous carbon electrode material for supercapacitors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1970-1976		202
127	Synthesis of well-defined microporous carbons by molecular-scale templating with polyhedral oligomeric silsesquioxane moieties. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4805-8	16.4	164
126	Super-hierarchical porous carbons derived from mixed biomass wastes by a stepwise removal strategy for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2018 , 377, 151-160	8.9	126
125	Ultrahigh-surface-area hierarchical porous carbon from chitosan: acetic acid mediated efficient synthesis and its application in superior supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24775-24781	13.1	112
124	Sulfur-doped nanoporous carbon spheres with ultrahigh specific surface area and high electrochemical activity for supercapacitor. <i>Journal of Power Sources</i> , 2017 , 360, 373-382	8.9	112
123	Solid-State Carbon Dots with Red Fluorescence and Efficient Construction of Dual-Fluorescence Morphologies. <i>Small</i> , 2017 , 13, 1700075	11	111
122	Effect of pore morphology of mesoporous carbons on the electrocatalytic activity of Pt nanoparticles for fuel cell reactions. <i>Applied Catalysis B: Environmental</i> , 2010 , 98, 132-137	21.8	111
121	Carbon microfibers with hierarchical porous structure from electrospun fiber-like natural biopolymer. <i>Scientific Reports</i> , 2013 , 3, 1119	4.9	107
120	Facile Synthesis of Three-Dimensional Heteroatom-Doped and Hierarchical Egg-Box-Like Carbons Derived from <i>Moringa oleifera</i> Branches for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33060-33071	9.5	102
119	A novel sulfur-nitrogen dual doped ordered mesoporous carbon electrocatalyst for efficient oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2016 , 189, 1-11	21.8	99
118	An advanced carbonaceous porous network for high-performance organic electrolyte supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7000	13	97
117	Hierarchically porous carbon nanosheets derived from <i>Moringa oleifera</i> stems as electrode material for high-performance electric double-layer capacitors. <i>Journal of Power Sources</i> , 2017 , 353, 260-269	8.9	91
116	Fabrication of novel polymeric and carbonaceous nanoscale networks by the union of self-assembly and hypercrosslinking. <i>Energy and Environmental Science</i> , 2014 , 7, 3006	35.4	89
115	Hierarchical porous carbons: design, preparation, and performance in energy storage. <i>New Carbon Materials</i> , 2011 , 26, 171-179	4.4	86
114	Large-scale synthesis of porous carbon via one-step CuCl ₂ activation of rape pollen for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12046-12055	13	85

113	Facile synthesis of MnO multi-core@nitrogen-doped carbon shell nanoparticles for high performance lithium-ion battery anodes. <i>Carbon</i> , 2015 , 84, 419-425	10.4	84
112	Preparation and electrochemical performance of novel ordered mesoporous carbon with an interconnected channel structure. <i>Langmuir</i> , 2009 , 25, 7783-5	4	84
111	Preparation of polymeric nanoscale networks from cylindrical molecular bottlebrushes. <i>ACS Nano</i> , 2012 , 6, 6208-14	16.7	80
110	From biomass wastes to vertically aligned graphene nanosheet arrays: A catalyst-free synthetic strategy towards high-quality graphene for electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2018 , 336, 550-561	14.7	78
109	Silica nanonetwork confined in nitrogen-doped ordered mesoporous carbon framework for high-performance lithium-ion battery anodes. <i>Nanoscale</i> , 2015 , 7, 3971-5	7.7	76
108	Interface Engineering of Carbon-Based Nanocomposites for Advanced Electrochemical Energy Storage. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800430	4.6	76
107	Water-Dispersible, Responsive, and Carbonizable Hairy Microporous Polymeric Nanospheres. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13256-9	16.4	70
106	Template-free fabrication of hierarchical porous carbon based on intra-/inter-sphere crosslinking of monodisperse styrene-divinylbenzene copolymer nanospheres. <i>Chemical Communications</i> , 2010 , 46, 5927-9	5.8	70
105	In situ polydopamine coating-directed synthesis of nitrogen-doped ordered nanoporous carbons with superior performance in supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 15207	13	67
104	Interconnected 3 D Network of Graphene-Oxide Nanosheets Decorated with Carbon Dots for High-Performance Supercapacitors. <i>ChemSusChem</i> , 2017 , 10, 2626-2634	8.3	66
103	Mechanochemistry: A Green, Activation-Free and Top-Down Strategy to High-Surface-Area Carbon Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8535-8540	8.3	65
102	Reactive template-induced self-assembly to ordered mesoporous polymeric and carbonaceous materials. <i>ACS Nano</i> , 2013 , 7, 1748-54	16.7	65
101	Achieving high-energy-density and ultra-stable zinc-ion hybrid supercapacitors by engineering hierarchical porous carbon architecture. <i>Electrochimica Acta</i> , 2019 , 327, 134999	6.7	61
100	Improving electrochemical performance of polyaniline by introducing carbon aerogel as filler. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3270-5	3.6	60
99	Fabrication and nanostructure control of super-hierarchical carbon materials from heterogeneous bottlebrushes. <i>Chemical Science</i> , 2017 , 8, 2101-2106	9.4	56
98	Ordered mesoporous tungsten carbide/carbon composites promoted Pt catalyst with high activity and stability for methanol electrooxidation. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 518-525	21.8	56
97	Recent progress on biomass-derived ecomaterials toward advanced rechargeable lithium batteries. <i>EcoMat</i> , 2020 , 2, e12019	9.4	55
96	A facile soft-template synthesis of ordered mesoporous carbon/tungsten carbide composites with high surface area for methanol electrooxidation. <i>Journal of Power Sources</i> , 2012 , 200, 8-13	8.9	55

95	A bifunctional ethylene-vinyl acetate copolymer protective layer for dendrites-free lithium metal anodes. <i>Journal of Energy Chemistry</i> , 2020 , 48, 203-207	12	51
94	Study on synergistic effect of ordered mesoporous carbon and carbon aerogel during electrochemical charge/discharge process. <i>Microporous and Mesoporous Materials</i> , 2010 , 131, 261-264	5.3	50
93	Construction of a hierarchical architecture in a wormhole-like mesostructure for enhanced mass transport. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 8852-6	3.6	49
92	Mixed-Biomass Wastes Derived Hierarchically Porous Carbons for High-Performance Electrochemical Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10393-10402	8.3	47
91	Rational Synthesis of Highly Porous Carbon from Waste Bagasse for Advanced Supercapacitor Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15325-15332	8.3	47
90	Three-dimensional Nitrogen-doped graphene as binder-free electrode materials for supercapacitors with high volumetric capacitance and the synergistic effect between nitrogen configuration and supercapacitive performance. <i>Electrochimica Acta</i> , 2016 , 218, 32-40	6.7	44
89	Facile fabrication of novel highly microporous carbons with superior size-selective adsorption and supercapacitance properties. <i>Nanoscale</i> , 2013 , 5, 10824-8	7.7	44
88	Nanoporous carbons with a 3D nanonetwork-interconnected 2D ordered mesoporous structure for rapid mass transport. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3768	13	44
87	Application of ordered mesoporous carbon in solid phase microextraction for fast mass transfer and high sensitivity. <i>Chemical Communications</i> , 2016 , 52, 6829-32	5.8	44
86	Hierarchical porous carbon with network morphology derived from natural leaf for superior aqueous symmetrical supercapacitors. <i>Electrochimica Acta</i> , 2017 , 258, 504-511	6.7	43
85	Facile Synthesis of Highly Porous Carbon from Rice Husk. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7111-7117	8.3	42
84	Waterproof lithium metal anode enabled by cross-linking encapsulation. <i>Science Bulletin</i> , 2020 , 65, 909-9166	11.6	41
83	Bark-Based 3D Porous Carbon Nanosheet with Ultrahigh Surface Area for High Performance Supercapacitor Electrode Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13827-13835	8.3	40
82	Natural Plant Template-Derived Cellular Framework Porous Carbon as a High-Rate and Long-Life Electrode Material for Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5845-5855	8.3	40
81	The role of mass transport pathway in wormholelike mesoporous carbon for supercapacitors. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 10842-5	3.6	38
80	Preparation of activated ordered mesoporous carbons with a channel structure. <i>Langmuir</i> , 2008 , 24, 2967-9	4	38
79	Pore size control of wormholelike mesoporous carbons. <i>Carbon</i> , 2009 , 47, 916-918	10.4	36
78	Hierarchical NiO mesocrystals with tuneable high-energy facets for pseudocapacitive charge storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 6921-6927	13	35

77	Extraordinary Thickness-Independent Electrochemical Energy Storage Enabled by Cross-Linked Microporous Carbon Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 26946-26955	9.5	35
76	Fabrication of bimodal mesoporous carbons from petroleum pitch by a one-step nanocasting method. <i>Carbon</i> , 2010 , 48, 839-843	10.4	35
75	Direct fabrication of bimodal mesoporous carbon by nanocasting. <i>Microporous and Mesoporous Materials</i> , 2008 , 116, 91-94	5.3	32
74	Post-treatment-free synthesis of highly mesoporous carbon for high-performance supercapacitor in aqueous electrolytes. <i>Journal of Power Sources</i> , 2017 , 357, 138-143	8.9	30
73	Integrated lithium metal anode protected by composite solid electrolyte film enables stable quasi-solid-state lithium metal batteries. <i>Chinese Chemical Letters</i> , 2020 , 31, 2339-2342	8.1	29
72	Nanopores array of ordered mesoporous carbons determine Pt ₂ activity towards alcohol electrooxidation. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16357		29
71	Synthesis of Porous Carbon Material with Suitable Graphitization Strength for High Electrochemical Capacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6601-6610	8.3	28
70	Novel hollow and yolk-shell structured periodic mesoporous polymer nanoparticles. <i>Chemical Communications</i> , 2016 , 52, 2489-92	5.8	27
69	Ultrahigh surface area hierarchical porous carbons based on natural well-defined macropores in sisal fibers. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14424		27
68	KNO ₃ -mediated synthesis of high-surface-area polyacrylonitrile-based carbon material for exceptional supercapacitors. <i>Carbon</i> , 2019 , 152, 120-127	10.4	26
67	Ordered mesoporous polymers in situ coated on a stainless steel wire for a highly sensitive solid phase microextraction fibre. <i>Nanoscale</i> , 2015 , 7, 11720-6	7.7	26
66	Bioinspired Highly Crumpled Porous Carbons with Multidirectional Porosity for High Rate Performance Electrochemical Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12718-12725	8.3	25
65	Pore morphology: a vital factor in determining electrochemical properties of electrical double layer capacitors. <i>Chemical Communications</i> , 2013 , 49, 9998-10000	5.8	24
64	Polyethylene glycol-induced self-assembly to synthesize an ordered mesoporous polymer with a two-dimensional hexagonal structure. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3061	13	23
63	The changing structure by component: Biomass-based porous carbon for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021 , 585, 778-786	9.3	23
62	Hierarchically Porous Carbon Derived from Neolamarckia cadamba for Electrochemical Capacitance and Hydrogen Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15385-15393	8.3	22
61	A universal KOH-free strategy towards nitrogen-doped carbon nanosheets for high-rate and high-energy storage devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 26469-26478	13	22
60	Facile construction of hollow carbon nanosphere-interconnected network for advanced sodium-ion battery anode. <i>Journal of Colloid and Interface Science</i> , 2019 , 546, 53-59	9.3	21

59	Highly ordered mesoporous carbons as the support for Pt catalysts towards alcohol electrooxidation: The combined effect of pore size and electrical conductivity. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 1405-1412	6.7	21
58	Small nitrogen-doped carbon dots as efficient nanoenhancer for boosting the electrochemical performance of three-dimensional graphene. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 628-637	9.3	21
57	Revealing contribution of pore size to high hydrogen storage capacity. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 18077-18082	6.7	20
56	Microstructure engineering towards porous carbon materials derived from one biowaste precursor for multiple energy storage applications. <i>Electrochimica Acta</i> , 2019 , 326, 134974	6.7	18
55	Strong contribution of pore morphology to the high-rate electrochemical performance of lithium-ion batteries. <i>Chemical Communications</i> , 2016 , 52, 803-6	5.8	17
54	Component Degradation-Enabled Preparation of Biomass-Based Highly Porous Carbon Materials for Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15259-15266	8.3	17
53	Synthesis and adsorption properties of highly monodisperse hollow microporous polystyrene nanospheres. <i>RSC Advances</i> , 2014 , 4, 26166	3.7	16
52	Teflon: A Decisive Additive in Directly Fabricating Hierarchical Porous Carbon with Network Structure from Natural Leaf. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9307-9312	8.3	16
51	Unraveling the Correlation between Structures of Carbon Nanospheres Derived from Polymeric Spheres and Their Electrochemical Performance to Achieve High-Rate Supercapacitors. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800770	4.8	15
50	Simple fabrication of solid phase microextraction fiber employing nitrogen-doped ordered mesoporous polymer by in situ polymerization. <i>Journal of Chromatography A</i> , 2016 , 1427, 22-8	4.5	14
49	Facile Synthesis of Core-Shell Structured SiO@Carbon Composite Nanorods for High-Performance Lithium-Ion Batteries. <i>Nanomaterials</i> , 2020 , 10,	5.4	13
48	Lightweight, Highly Permeable, Biocompatible, and Antiadhesive Composite Meshes for Intraperitoneal Repairs. <i>Macromolecular Bioscience</i> , 2018 , 18, e1800067	5.5	13
47	Fabrication and electrochemical performance of novel hollow microporous carbon nanospheres. <i>RSC Advances</i> , 2016 , 6, 49661-49667	3.7	13
46	A mild method to prepare nitrogen-rich interlaced porous carbon nanosheets for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 381-389	9.3	13
45	Multi-dimensional construction of a novel active yolk@conductive shell nanofiber web as a self-standing anode for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2015 , 7, 19930-4	7.7	12
44	A general strategy for metal compound encapsulated into network-structured carbon as fast-charging alkali-metal ion battery anode. <i>Energy Storage Materials</i> , 2020 , 29, 300-309	19.4	12
43	Advanced nanonetwork-structured carbon materials for high-performance formaldehyde capture. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, 562-568	9.3	12
42	Hydrothermal intercalation for the synthesis of novel three-dimensional hierarchically superstructured carbons composed of graphene-like ultrathin nanosheets. <i>Carbon</i> , 2021 , 176, 1-10	10.4	11

41	Calcium-chloride-assisted approach towards green and sustainable synthesis of hierarchical porous carbon microspheres for high-performance supercapacitive energy storage. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 159-166	9.3	11
40	Two-dimensional porous carbon nanosheets from exfoliated nanopaper-like biomass. <i>Materials Letters</i> , 2018 , 232, 187-190	3.3	10
39	Non-tubular-biomass-derived nitrogen-doped carbon microtubes for ultrahigh-area-capacity lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 638-644	9.3	10
38	Boosting zinc ion energy storage capability of inert MnO cathode by defect engineering. <i>Journal of Colloid and Interface Science</i> , 2021 , 594, 540-549	9.3	10
37	Hierarchical Porous Carbons Derived from Rice Husk for Supercapacitors with High Activity and High Capacitance Retention Capability. <i>ChemistrySelect</i> , 2017 , 2, 6438-6445	1.8	9
36	A self-crosslinking procedure to construct yolk-shell Au@microporous carbon nanospheres for lithium-sulfur batteries. <i>Chemical Communications</i> , 2020 , 56, 1215-1218	5.8	9
35	Improved ion-diffusion performance by engineering an ordered mesoporous shell in hollow carbon nanospheres. <i>Chemical Communications</i> , 2020 , 56, 2467-2470	5.8	8
34	Engineering of nanonetwork-structured carbon to enable high-performance potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020 , 561, 195-202	9.3	8
33	Nanohybrids of silver nanoparticles grown in-situ on a graphene oxide silver ion salt: simple synthesis and their enhanced antibacterial activity. <i>New Carbon Materials</i> , 2019 , 34, 426-433	4.4	8
32	Facile construction of uniform ultramicropores in porous carbon for advanced sodium-ion battery. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 852-858	9.3	8
31	Architecture engineering of carbonaceous anodes for high-rate potassium-ion batteries 2021 , 3, 554-581		8
30	Facile one-step and high-yield synthesis of few-layered and hierarchically porous boron nitride nanosheets. <i>RSC Advances</i> , 2016 , 6, 45402-45409	3.7	7
29	Mild synthesis of superadhesive hydrogel electrolyte with low interfacial resistance and enhanced ionic conductivity for flexible zinc ion battery. <i>Journal of Colloid and Interface Science</i> , 2021 , 600, 586-593	9.3	7
28	Facile synthesis of FeCO ₃ /nitrogen-doped carbon dot composites for lithium-ion battery anodes. <i>Journal of Alloys and Compounds</i> , 2020 , 838, 155508	5.7	6
27	Enhancement of Fluorescence Emission for Tricolor Quantum Dots Assembled in Polysiloxane toward Solar Spectrum-Simulated White Light-Emitting Devices. <i>Small</i> , 2020 , 16, e1905266	11	6
26	A general strategy for metal oxide nanoparticles embedded into heterogeneous carbon nanosheets as high-rate lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25382-25389	13	6
25	Amine-Functionalized Carbon Cloth Host for Dendrite-Free Zn Metal Anodes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 4482-4488	6.1	6
24	Propelling electrochemical kinetics of transition metal oxide for high-rate lithium-ion battery through in situ deoxidation. <i>Journal of Colloid and Interface Science</i> , 2021 , 587, 590-596	9.3	6

23	A versatile route to metal oxide nanoparticles impregnated in carbon matrix for electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2021 , 404, 126461	14.7	5
22	Construction of mixed ionic-electronic conducting scaffolds in Zn powder: A scalable route to dendrite-free and flexible Zn anodes.. <i>Advanced Materials</i> , 2022 , e2200860	24	5
21	Influence of Carbon Aerogel (CA) Pore Structure on Photodegradation of Methyl Orange over TiO ₂ /CA. <i>Chinese Journal of Catalysis</i> , 2011 , 32, 321-324	11.3	4
20	Porous Functionalized Covalent-Triazine Frameworks for Enhanced Adsorption Toward Polysulfides in Li-S Batteries and Organic Dyes. <i>Frontiers in Chemistry</i> , 2020 , 8, 584204	5	4
19	Degradation of biomass components to prepare porous carbon for exceptional hydrogen storage capacity. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 5418-5426	6.7	4
18	Sodium alginate assisted preparation of oxygen-doped microporous carbons with enhanced electrochemical energy storage and hydrogen uptake. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 896-905	6.7	4
17	A stepwise crosslinking strategy toward lamellar carbon frameworks with covalently connected alternate layers of porous carbon nanosheets and porous carbon spacers. <i>Chemical Communications</i> , 2018 , 54, 10332-10335	5.8	3
16	Dual carbon and void space confined SiO ₂ /C@void@Si/C yolk-shell nanospheres with high-rate performances and outstanding cyclability for lithium-ion batteries anodes.. <i>Journal of Colloid and Interface Science</i> , 2021 ,	9.3	3
15	Reactive-Template Induced in-situ Hypercrosslinking Procedure to Hierarchical Porous Polymer and Carbon Materials. <i>Acta Chimica Sinica</i> , 2015 , 73, 600	3.3	3
14	KCl-assisted activation: Moringa oleifera branch-derived porous carbon for high performance supercapacitor. <i>New Journal of Chemistry</i> , 2021 , 45, 5712-5719	3.6	3
13	General synthesis of ultrahigh-surface-area porous carbons with superior yield via preferential removal of sp ² -hybridized atoms. <i>Carbon</i> , 2021 , 182, 100-108	10.4	3
12	Capillary enhanced hydrophilic block carbon material for binder-free supercapacitor electrode. <i>Journal of Power Sources</i> , 2021 , 507, 230289	8.9	3
11	Synthesis of novel hierarchical porous polymers with a nanowire-interconnected network structure from core-shell polymer nanoobjects. <i>Science China Chemistry</i> , 2017 , 60, 1084-1089	7.9	2
10	Active Nanointerface-Assisted Co-Assembly to Yolk-Shell Au@Ordered Mesoporous Carbon Nanospheres. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901703	4.6	2
9	Liquid-Liquid micromixing strategy enables low KOH-amount synthesis of ultrahighly porous carbon for zinc-ion storage. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
8	Fabrication of novel polymeric and carbonaceous nanoscale networks by the union of self-assembly and hypercrosslinking		1
7	Homogeneous triple-phase interfaces enabling one-pot route to metal compound/carbon composites. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 271-279	9.3	1
6	Unveiling the role of lithiophilic sites denseness in regulating lithium ion deposition. <i>Journal of Energy Chemistry</i> , 2022 ,	12	1

- 5 Direct carbonization of black liquor powders into 3D honeycomb-like porous carbons with a tunable disordered degree for sodium-ion batteries. *New Journal of Chemistry*, **2020**, 44, 10697-10702 3.6 ○
- 4 Surface chemical functionality of carbon dots: influence on the structure and energy storage performance of the layered double hydroxide.. *RSC Advances*, **2021**, 11, 10785-10793 3.7 ○
- 3 From Lychee Seeds to Hierarchical Fe₃O₄/Carbon Composite Anodes for Lithium-Ion Batteries: A High Additional Value Conversion-Based Self-Assembly Strategy. *Energy & Fuels*, **2022**, 36, 5027-5035⁴¹ ○
- 2 Reactive Template-Induced Self-Assembly to Ordered Mesoporous Polymer and Carbon. *Materials Research Society Symposia Proceedings*, **2013**, 1549, 143-147
- 1 Deciphering the dual function of silicon dioxide protective layer in regulating lithium ion deposition. *Materials Advances*, 3.3