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List of Publications by Citations

72 papers	5,047 citations	35 h-index	71 g-index
75 ext. papers	5,708 ext. citations	8.2 avg, IF	5.77 L-index

#	Paper	IF	Citations
72	Biomass-derived porous carbon materials with sulfur and nitrogen dual-doping for energy storage. *Green Chemistry*, **2015**, 17, 1668-1674	10	481
71	Biomass derived carbon for energy storage devices. *Journal of Materials Chemistry A*, **2017**, 5, 2411-2428	13	474
70	Porous nitrogen-doped hollow carbon spheres derived from polyaniline for high performance supercapacitors. *Journal of Materials Chemistry A*, **2014**, 2, 5352-5357	13	369
69	Sulfur embedded in metal organic framework-derived hierarchically porous carbon nanoplates for high performance lithium–sulfur battery. *Journal of Materials Chemistry A*, **2013**, 1, 4490	13	245
68	High performance lithium–sulfur batteries: advances and challenges. *Journal of Materials Chemistry A*, **2014**, 2, 12662-12676	13	235
67	Hierarchical porous carbons with layer-by-layer motif architectures from confined soft-template self-assembly in layered materials. *Nature Communications*, **2017**, 8, 15717	17.4	231
66	Encapsulating sulfur into hierarchically ordered porous carbon as a high-performance cathode for lithium-sulfur batteries. *Chemistry - A European Journal*, **2013**, 19, 1013-9	4.8	201
65	Prussian blue analogues: a new class of anode materials for lithium ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 5852-5857	13	197
64	Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework. *Angewandte Chemie - International Edition*, **2018**, 57, 2894-2898	16.4	188
63	Enhanced high-current capacitive behavior of graphene/CoAl-layered double hydroxide composites as electrode material for supercapacitors. *Journal of Power Sources*, **2012**, 199, 395-401	8.9	175
62	Chemically tailoring the nanostructure of graphene nanosheets to confine sulfur for high-performance lithium-sulfur batteries. *Journal of Materials Chemistry A*, **2013**, 1, 1096-1101	13	170
61	Pseudocapacitive materials for electrochemical capacitors: from rational synthesis to capacitance optimization. *National Science Review*, **2017**, 4, 71-90	10.8	138
60	Co3O4 nanoneedle arrays as a multifunctional “super-reservoir” electrode for long cycle life Li–S batteries. *Journal of Materials Chemistry A*, **2017**, 5, 250-257	13	116
59	Advanced Energy-Storage Architectures Composed of Spinel Lithium Metal Oxide Nanocrystal on Carbon Textiles. *Advanced Energy Materials*, **2013**, 3, 1484-1489	21.8	101
58	MoS2-Nanosheet-Decorated 2D Titanium Carbide (MXene) as High-Performance Anodes for Sodium-Ion Batteries. *ChemElectroChem*, **2017**, 4, 1560-1565	4.3	92
57	Absorption mechanism of carbon-nanotube paper-titanium dioxide as a multifunctional barrier material for lithium-sulfur batteries. *Nano Research*, **2015**, 8, 3066-3074	10	86
56	Porous nitrogen and phosphorus co-doped carbon nanofiber networks for high performance electrical double layer capacitors. *Journal of Materials Chemistry A*, **2015**, 3, 23268-23273	13	68

55	Crumpled Nitrogen-Doped Graphene for Supercapacitors with High Gravimetric and Volumetric Performances. *ACS Applied Materials & Interfaces*, **2015**, 7, 22284-91	9.5	67
54	Highly stable lithium ion capacitor enabled by hierarchical polyimide derived carbon microspheres combined with 3D current collectors. *Journal of Materials Chemistry A*, **2017**, 5, 23283-23291	13	66
53	Effect of Graphene Modified Cu Current Collector on the Performance of LiTiO Anode for Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 30926-30932	9.5	65
52	PAA/PEDOT:PSS as a multifunctional, water-soluble binder to improve the capacity and stability of lithium–sulfur batteries. *RSC Advances*, **2016**, 6, 40650-40655	3.7	62
51	Significant Effect of Pore Sizes on Energy Storage in Nanoporous Carbon Supercapacitors. *Chemistry - A European Journal*, **2018**, 24, 6127-6132	4.8	51
50	Enhanced electrochemical performance of sulfur cathodes with a water-soluble binder. *RSC Advances*, **2015**, 5, 13709-13714	3.7	49
49	Enhanced Performance of Aqueous Sodium-Ion Batteries Using Electrodes Based on the NaTi2(PO4)3/MWNTs–Na0.44MnO2 System. *Energy Technology*, **2014**, 2, 705-712	3.5	47
48	Nanospace-confinement copolymerization strategy for encapsulating polymeric sulfur into porous carbon for lithium-sulfur batteries. *ACS Applied Materials & Interfaces*, **2015**, 7, 11165-71	9.5	46
47	A two-step etching route to ultrathin carbon nanosheets for high performance electrical double layer capacitors. *Nanoscale*, **2016**, 8, 11136-42	7.7	46
46	Boosting the Reversibility of Sodium Metal Anode via Heteroatom-Doped Hollow Carbon Fibers. *Small*, **2019**, 15, e1902688	11	44
45	Capacitance properties of graphite oxide/poly(3,4-ethylene dioxythiophene) composites. *Journal of Applied Polymer Science*, **2011**, 121, 892-898	2.9	42
44	Self-Sacrificial Template-Directed Synthesis of Metal–Organic Framework-Derived Porous Carbon for Energy-Storage Devices. *ChemElectroChem*, **2016**, 3, 668-674	4.3	42
43	Enhanced Lithium-Storage Performance from Three-Dimensional MoS2 Nanosheets/Carbon Nanotube Paper. *ChemElectroChem*, **2014**, 1, 1118-1125	4.3	40
42	Superlithiated Polydopamine Derivative for High-Capacity and High-Rate Anode for Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2018**, 10, 38101-38108	9.5	40
41	Auto-programmed heteroarchitecturing: Self-assembling ordered mesoporous carbon between two-dimensional Ti3C2Tx MXene layers. *Nano Energy*, **2019**, 65, 103991	17.1	38
40	Advanced Nanoporous Material–Based QCM Devices: A New Horizon of Interfacial Mass Sensing Technology. *Advanced Materials Interfaces*, **2019**, 6, 1900849	4.6	38
39	Fabrication of a sandwich structured electrode for high-performance lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2013**, 1, 14280	13	37
38	Hierarchically Porous Multilayered Carbon Barriers for High-Performance Li-S Batteries. *Chemistry - A European Journal*, **2018**, 24, 3768-3775	4.8	36

37	Solid/Solid Interfacial Architecturing of Solid Polymer Electrolyte-Based All-Solid-State Lithium-Sulfur Batteries by Atomic Layer Deposition. *Small*, **2019**, 15, e1903952	11	35
36	Synthesis of hydrogenated TiO2□educed-graphene oxide nanocomposites and their application in high rate lithium ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 9150-9155	13	35
35	One-step electrochemical composite polymerization of polypyrrole integrated with functionalized graphene/carbon nanotubes nanostructured composite film for electrochemical capacitors. *Electrochimica Acta*, **2012**, 62, 132-139	6.7	33
34	Universal Access to Two-Dimensional Mesoporous Heterostructures by Micelle-Directed Interfacial Assembly. *Angewandte Chemie - International Edition*, **2020**, 59, 19570-19575	16.4	32
33	Self-Template-Directed Metal-Organic Frameworks Network and the Derived Honeycomb-Like Carbon Flakes via Confinement Pyrolysis. *Small*, **2018**, 14, e1704461	11	31
32	Biomass-derived porous carbon electrodes for high-performance supercapacitors. *Journal of Materials Science*, **2020**, 55, 5166-5176	4.3	30
31	Design of a Nitrogen-Doped, Carbon-Coated Li Ti O Nanocomposite with a Core-Shell Structure and Its Application for High-Rate Lithium-Ion Batteries. *ChemPlusChem*, **2014**, 79, 128-133	2.8	29
30	Nanospace-confined synthesis of oriented porous carbon nanosheets for high-performance electrical double layer capacitors. *Journal of Materials Chemistry A*, **2016**, 4, 16879-16885	13	26
29	Highly Conductive and Lightweight Composite Film as Polysulfide Reservoir for High-Performance Lithium□ulfur Batteries. *ChemElectroChem*, **2017**, 4, 362-368	4.3	25
28	Sandwich-Structured Ordered Mesoporous Polydopamine/MXene Hybrids as High-Performance Anodes for Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2020**, 12, 14993-15001	9.5	25
27	Scalable synthesis of holey graphite nanosheets for supercapacitors with high volumetric capacitance. *Nanoscale Horizons*, **2019**, 4, 526-530	10.8	23
26	Confined Pyrolysis of ZIF-8 Polyhedrons Wrapped with Graphene Oxide Nanosheets to Prepare 3D Porous Carbon Heterostructures. *Small Methods*, **2019**, 3, 1900277	12.8	21
25	Facile Synthesis of Nitrogen-Containing Mesoporous Carbon for High-Performance Energy Storage Applications. *Chemistry - A European Journal*, **2016**, 22, 4256-62	4.8	16
24	Preparation and electrochemical performances of porous polypyrrole film by interfacial polymerization. *Journal of Applied Polymer Science*, **2013**, 127, 2938-2944	2.9	16
23	General Strategy to Fabricate Ternary Metal Nitride/Carbon Nanofibers for Supercapacitors. *ChemElectroChem*, **2015**, 2, 2020-2026	4.3	16
22	Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework. *Angewandte Chemie*, **2018**, 130, 2944-2948	3.6	15
21	Interconnected core□hell pyrolyzed polyacrylonitrile@sulfur/carbon nanocomposites for rechargeable lithium□ulfur batteries. *New Journal of Chemistry*, **2016**, 40, 7680-7686	3.6	15
20	Lithium-ion capacitor based on nanoarchitectured polydopamine/graphene composite anode and porous graphene cathode. *Carbon*, **2020**, 167, 627-633	10.4	14

19	Enhancing the electrochemical performance of Li1.2Ni0.2Mn0.6O2 by surface modification with nickel–manganese composite oxide. *Journal of Solid State Electrochemistry*, **2013**, 17, 2087-2093	2.6	14
18	Effect of feeding ratios on the structure and electrochemical performance of graphite oxide/polypyrrole nanocomposites. *Science Bulletin*, **2011**, 56, 2846-2852		14
17	Heteroatom-Doped Porous Carbon Nanosheets: General Preparation and Enhanced Capacitive Properties. *Chemistry - A European Journal*, **2016**, 22, 16668-16674	4.8	14
16	Nitrogen-Doped Porous Carbon Nanospheres from Natural Sepia Ink: Easy Preparation and Extraordinary Capacitive Performance. *ChemNanoMat*, **2017**, 3, 895-901	3.5	13
15	Ultra-thin, highly graphitized carbon nanosheets into three-dimensional interconnected framework utilizing a ball mill mixing of precursors. *Chemical Engineering Journal*, **2019**, 374, 1214-1220	14.7	13
14	Synthesis and electrochemical performances of mixed-valence vanadium oxide/ordered mesoporous carbon composites for supercapacitors. *RSC Advances*, **2016**, 6, 25056-25061	3.7	13
13	Fabrication of the Oxygen Vacancy Amorphous MnO2/Carbon Nanotube as Cathode for Advanced Aqueous Zinc-Ion Batteries. *Energy Technology*, **2021**, 9, 2000769	3.5	13
12	MOF-derived hybrid nanoarchitectured carbons for gas discrimination of volatile aromatic hydrocarbons. *Carbon*, **2020**, 168, 55-64	10.4	12
11	Physical Expansion of Layered Graphene Oxide Nanosheets by Chemical Vapor Deposition of Metal-Organic Frameworks and their Thermal Conversion into Nitrogen-Doped Porous Carbons for Supercapacitor Applications. *ChemSusChem*, **2020**, 13, 1629-1636	8.3	12
10	Nanoarchitectured porous carbons derived from ZIFs toward highly sensitive and selective QCM sensor for hazardous aromatic vapors. *Journal of Hazardous Materials*, **2021**, 405, 124248	12.8	12
9	Single Atom-Based Nanoarchitectured Electrodes for High-Performance Lithium–Sulfur Batteries. *Advanced Materials Interfaces*, **2021**, 8, 2002159	4.6	9
8	Gram-Scale Synthesis of Bimetallic ZIFs and Their Thermal Conversion to Nanoporous Carbon Materials. *Nanomaterials*, **2019**, 9,	5.4	9
7	Compressed and Crumpled Porous Carbon Electrode for High Volumetric Performance Electrical Double-Layer Capacitors. *Energy Technology*, **2019**, 7, 1900209	3.5	8
6	Universal Access to Two-Dimensional Mesoporous Heterostructures by Micelle-Directed Interfacial Assembly. *Angewandte Chemie*, **2020**, 132, 19738-19743	3.6	8
5	An in situ confinement strategy to porous poly(3,4-ethylenedioxythiophene)/sulfur composites for lithium–sulfur batteries. *RSC Advances*, **2016**, 6, 47858-47863	3.7	8
4	Atomic Layer Deposition of Single Atomic Cobalt as a Catalytic Interlayer for Lithium–Sulfur Batteries. *ACS Applied Energy Materials*, **2020**, 3, 11206-11212	6.1	7
3	Charge Storage Mechanism of an Anthraquinone-Derived Porous Covalent Organic Framework with Multiredox Sites as Anode Material for Lithium-Ion Battery. *ACS Applied Energy Materials*, **2021**, 4, 11377-11385	6.1	4
2	Titelbild: Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework (Angew. Chem. 11/2018). *Angewandte Chemie*, **2018**, 130, 2777-2777	3.6	1

1 A novel covalent organic framework with high-density imine groups for lithium storage as anode material in lithium-ion batteries. *Journal of Materials Science*,1 4.3 1