

Junjie Cai

List of Publications by Year in descending order

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24
papers

1,597
citations

394286

19
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

2623
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Mesoporous Zinc–Nickel–Cobalt Ternary Oxide Nanowire Arrays on Nickel Foam as High-Performance Electrodes for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26512-26521.	4.0	234
2	Lithiophilic Cu–CuO–Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. <i>Advanced Materials</i> , 2018, 30, 1705830.	11.1	217
3	Sulfur impregnated N, P co-doped hierarchical porous carbon as cathode for high performance Li-S batteries. <i>Journal of Power Sources</i> , 2017, 341, 165-174.	4.0	157
4	Porous SnS Nanorods/Carbon Hybrid Materials as Highly Stable and High Capacity Anode for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4093-4098.	4.0	111
5	Hybrid Reduced Graphene Oxide Nanosheet Supported Mn–Ni–Co Ternary Oxides for Aqueous Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19114-19123.	4.0	100
6	Activated Microporous Carbon Derived from Almond Shells for High Energy Density Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15288-15296.	4.0	99
7	Heteroatoms dual doped porous graphene nanosheets as efficient bifunctional metal-free electrocatalysts for overall water-splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7784-7790.	5.2	95
8	Seed-assisted smart construction of high mass loading Ni–Co–Mn hydroxide nanoflakes for supercapacitor applications. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16776-16785.	5.2	93
9	3D hierarchically porous zinc–nickel–cobalt oxide nanosheets grown on Ni foam as binder-free electrodes for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24022-24032.	5.2	67
10	Templated and Catalytic Fabrication of N-Doped Hierarchical Porous Carbon–Carbon Nanotube Hybrids as Host for Lithium–Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33876-33886.	4.0	66
11	Engineering of Yolk–Double Shell Cube-like SnS@N–S Codoped Carbon as a High-Performance Anode for Li- and Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35050-35059.	4.0	65
12	Hierarchical Porous Acetylene Black/ZnFe ₂ O ₄ @Carbon Hybrid Materials with High Capacity and Robust Cycling Performance for Li-ion Batteries. <i>Electrochimica Acta</i> , 2016, 187, 584-592.	2.6	46
13	Crystalline red phosphorus for selective photocatalytic reduction of CO ₂ into CO. <i>Journal of Materials Chemistry A</i> , 2021, 9, 338-348.	5.2	38
14	Graphene–Encapsulated Nanosheet–Assembled Zinc–Nickel–Cobalt Oxide Microspheres for Enhanced Lithium Storage. <i>ChemSusChem</i> , 2016, 9, 186-196.	3.6	35
15	Oxygen vacancy-rich MnO nanoflakes/N-doped carbon nanotubes modified separator enabling chemisorption and catalytic conversion of polysulfides for Li-S batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 407-417.	5.0	30
16	Self-conversion templated fabrication of sulfur encapsulated inside the N-doped hollow carbon sphere and 3D graphene frameworks for high-performance lithium–sulfur batteries. <i>Electrochimica Acta</i> , 2019, 295, 900-909.	2.6	29
17	Hierarchical MoS ₂ –NiS nanosheet-based nanotubes@N-doped carbon coupled with ether-based electrolytes towards high-performance Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27072-27083.	5.2	28
18	Nanoforest of hierarchical core/shell CuO@NiCo ₂ O ₄ nanowire heterostructure arrays on nickel foam for high-performance supercapacitors. <i>RSC Advances</i> , 2016, 6, 63905-63914.	1.7	22

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19	Niobium Carbide as a Promising Pseudocapacitive Sodium-Ion Storage Anode. <i>Energy Technology</i> , 2021, 9, 2100298.	1.8	20
20	A hierarchical composites constructed by ZIF-8 derived carbon core and Mn ₃ O ₄ /N-doped carbon shell as efficient polysulfide entrapment host for Li ⁺ S batteries. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158461.	2.8	17
21	Coordination-assisted fabrication of N-doped carbon nanofibers/ultrasml Co ₃ O ₄ nanoparticles for enhanced lithium storage. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157502.	2.8	10
22	Trash to treasure: Carbon-free ZnSe derived from waste zinc foil as a high-rate and long-life anode material enabling fast-charging sodium-ion batteries. <i>Journal of Power Sources</i> , 2022, 542, 231801.	4.0	10
23	Hierarchical hollow mixed metal sulfides microspheres assembly from NiS nanoparticles anchored on MoS ₂ nanosheets and coated with N-doped carbon for enhanced sodium storage. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162594.	2.8	8
24	Graphene-Encapsulated Nanosheet-Assembled Zinc-Nickel-Cobalt Oxide Microspheres for Enhanced Lithium Storage. <i>ChemSusChem</i> , 2016, 9, 128-128.	3.6	0