

Yongjin Fang

List of Publications by Year in descending order

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81434

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7488
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overall Understanding of Sodium Storage Behaviors in Hard Carbons by an Adsorption/Intercalation/Filling Hybrid Mechanism. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	121
2	Understanding of the sodium storage mechanism in hard carbon anodes. , 2022, 4, 1133-1150.		83
3	An advanced low-cost cathode composed of graphene-coated Na _{2.4} Fe _{1.8} (SO ₄) ₃ nanograins in a 3D graphene network for ultra-stable sodium storage. <i>Journal of Energy Chemistry</i> , 2021, 54, 564-570.	7.1	15
4	Metal-Organic Frameworks Derived Functional Materials for Electrochemical Energy Storage and Conversion: A Mini Review. <i>Nano Letters</i> , 2021, 21, 1555-1565.	4.5	351
5	Nitrogen-Doped Amorphous Zn-Carbon Multichannel Fibers for Stable Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8515-8520.	7.2	115
6	Nitrogen-Doped Amorphous Zn-Carbon Multichannel Fibers for Stable Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2021, 133, 8596-8601.	1.6	17
7	Rational Design and Engineering of One-Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20102-20118.	7.2	123
8	A highly stable lithium metal anode enabled by Ag nanoparticle-embedded nitrogen-doped carbon macroporous fibers. <i>Science Advances</i> , 2021, 7, .	4.7	212
9	Rational Design and Engineering of One-Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. <i>Angewandte Chemie</i> , 2021, 133, 20262-20278.	1.6	13
10	Mixed polyanion cathode materials: Toward stable and high-energy sodium-ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 60, 635-648.	7.1	63
11	Amorphous NaVOPO ₄ as a High-Rate and Ultrastable Cathode Material for Sodium-Ion Batteries. <i>CCS Chemistry</i> , 2021, 3, 2428-2436.	4.6	34
12	Synthesis of Copper-Substituted Co ₂ @Cu _x S Double-Shelled Nanoboxes by Sequential Ion Exchange for Efficient Sodium Storage. <i>Angewandte Chemie</i> , 2020, 132, 2666-2670.	1.6	29
13	Synthesis of Copper-Substituted Co ₂ @Cu _x S Double-Shelled Nanoboxes by Sequential Ion Exchange for Efficient Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2644-2648.	7.2	182
14	Co ₃ O ₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19914-19918.	7.2	177
15	Co ₃ O ₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie</i> , 2020, 132, 20086-20090.	1.6	29
16	Recent Advances on Mixed Metal Sulfides for Advanced Sodium-Ion Batteries. <i>Advanced Materials</i> , 2020, 32, e2002976.	11.1	234
17	Double-Shelled C@MoS ₂ Structures Preloaded with Sulfur: An Additive Reservoir for Stable Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2020, 132, 15973-15977.	1.6	11
18	Double-Shelled C@MoS ₂ Structures Preloaded with Sulfur: An Additive Reservoir for Stable Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15839-15843.	7.2	79

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19	Rationally Designed Three-Layered Cu ₂ S@Carbon@MoS ₂ Hierarchical Nanoboxes for Efficient Sodium Storage. <i>Angewandte Chemie</i> , 2020, 132, 7245-7250.	1.6	42
20	Ultralow-Strain Zn-Substituted Layered Oxide Cathode with Suppressed P2 ⁺ O ₂ Transition for Stable Sodium Ion Storage. <i>Advanced Functional Materials</i> , 2020, 30, 1910327.	7.8	110
21	Rationally Designed Three-Layered Cu ₂ S@Carbon@MoS ₂ Hierarchical Nanoboxes for Efficient Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7178-7183.	7.2	232
22	Nanostructured Electrode Materials for Advanced Sodium-Ion Batteries. <i>Matter</i> , 2019, 1, 90-114.	5.0	266
23	Synthesis of CuS@CoS ₂ Double-Shelled Nanoboxes with Enhanced Sodium Storage Properties. <i>Angewandte Chemie</i> , 2019, 131, 7821-7825.	1.6	63
24	Sodium-Ion Batteries: A Ternary Fe _{1-x} S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries (Adv. Energy Mater. 9/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970026.	10.2	9
25	Bullet-like Cu ₉ S ₅ Hollow Particles Coated with Nitrogen-Doped Carbon for Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 7826-7830.	1.6	43
26	Synthesis of CuS@CoS ₂ Double-Shelled Nanoboxes with Enhanced Sodium Storage Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7739-7743.	7.2	184
27	Bullet-like Cu ₉ S ₅ Hollow Particles Coated with Nitrogen-Doped Carbon for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7744-7748.	7.2	173
28	A Ternary Fe _{1-x} S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1803052.	10.2	189
29	Hierarchical Microboxes Constructed by SnS Nanoplates Coated with Nitrogen-Doped Carbon for Efficient Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 760-763.	7.2	152
30	Hierarchical Microboxes Constructed by SnS Nanoplates Coated with Nitrogen-Doped Carbon for Efficient Sodium Storage. <i>Angewandte Chemie</i> , 2019, 131, 770-773.	1.6	40
31	Synthesis of Cobalt Sulfide Multi-Shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 2701-2705.	1.6	29
32	Stable Li Metal Anode with "Solvent-Coordinated" Nonflammable Electrolyte for Safe Li Metal Batteries. <i>ACS Energy Letters</i> , 2019, 4, 483-488.	8.8	148
33	Synthesis of Cobalt Sulfide Multi-Shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2675-2679.	7.2	182
34	A Fully Sodiated NaVOPO ₄ with Layered Structure for High-Voltage and Long-Lifespan Sodium-Ion Batteries. <i>CheM</i> , 2018, 4, 1167-1180.	5.8	140
35	Formation of Hierarchical Cu-Doped CoSe ₂ Microboxes via Sequential Ion Exchange for High-Performance Sodium-Ion Batteries. <i>Advanced Materials</i> , 2018, 30, e1706668.	11.1	402
36	Confining SnS ₂ Ultrathin Nanosheets in Hollow Carbon Nanostructures for Efficient Capacitive Sodium Storage. <i>Joule</i> , 2018, 2, 725-735.	11.7	324

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37	Recent Progress in Iron-Based Electrode Materials for Grid-Scale Sodium-Ion Batteries. <i>Small</i> , 2018, 14, 1703116.	5.2	146
38	Low-Defect and Low-Porosity Hard Carbon with High Coulombic Efficiency and High Capacity for Practical Sodium Ion Battery Anode. <i>Advanced Energy Materials</i> , 2018, 8, 1703238.	10.2	414
39	Formation of Polypyrrole-Coated Sb_2Se_3 Microclips with Enhanced Sodium-Storage Properties. <i>Angewandte Chemie</i> , 2018, 130, 10007-10011.	1.6	31
40	Recent Advances in Sodium-Ion Battery Materials. <i>Electrochemical Energy Reviews</i> , 2018, 1, 294-323.	13.1	224
41	Necklace-Like Structures Composed of $\text{Fe}_3\text{N}@C$ Yolk-Shell Particles as an Advanced Anode for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2018, 30, e1800525.	11.1	145
42	Formation of Polypyrrole-Coated Sb_2Se_3 Microclips with Enhanced Sodium-Storage Properties. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9859-9863.	7.2	173
43	Phosphate Framework Electrode Materials for Sodium Ion Batteries. <i>Advanced Science</i> , 2017, 4, 1600392.	5.6	275
44	Graphene-Scaffolded $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ Microsphere Cathode with High Rate Capability and Cycling Stability for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7177-7184.	4.0	156
45	A Practical High-Energy Cathode for Sodium-Ion Batteries Based on Uniform $\text{P}_2\text{Na}_{0.7}\text{CoO}_2$ Microspheres. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5801-5805.	7.2	197
46	A Practical High-Energy Cathode for Sodium-Ion Batteries Based on Uniform $\text{P}_2\text{Na}_{0.7}\text{CoO}_2$ Microspheres. <i>Angewandte Chemie</i> , 2017, 129, 5895-5899.	1.6	25
47	Recent Developments in Cathode Materials for Na Ion Batteries. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2017, 33, 211-241.	2.2	46
48	Hierarchical Nanotubes Constructed by Carbon-Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. <i>Angewandte Chemie</i> , 2017, 129, 12370-12373.	1.6	47
49	Hierarchical Nanotubes Constructed by Carbon-Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12202-12205.	7.2	188
50	3D Graphene Decorated $\text{NaTi}_2(\text{PO}_4)_3$ Microspheres as a Superior High-Rate and Ultracycle-Stable Anode Material for Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1502197.	10.2	251
51	Graphene-Modified TiO_2 Microspheres Synthesized by a Facile Spray-Drying Route for Enhanced Sodium-Ion Storage. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 545-552.	1.2	42
52	Hierarchical Carbon Framework Wrapped $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ as a Superior High-Rate and Extended Lifespan Cathode for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2015, 27, 5895-5900.	11.1	448
53	High-Performance Olivine NaFePO_4 Microsphere Cathode Synthesized by Aqueous Electrochemical Displacement Method for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17977-17984.	4.0	141
54	$\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ nanocomposite synthesized via pre-reduction process as high-performance cathode material for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2015, 646, 170-174.	2.8	48

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55	Mesoporous Amorphous FePO ₄ Nanospheres as High-Performance Cathode Material for Sodium-Ion Batteries. Nano Letters, 2014, 14, 3539-3543.	4.5	239