

# Dan Li

## List of Publications by Year in Descending Order

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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.

78  
papers

10,911  
citations

32  
h-index

80  
g-index

80  
ext. papers

12,751  
ext. citations

9.7  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
78	Carbon-Encapsulated Ni Se /CoSe Heterostructured Nanospheres: Sodium/Potassium-Ion Storage Anode with Prominent Electrochemical Properties.. <i>Small</i> , <b>2022</b> , e2107258	11	1
77	Minimal TiO Coupled with Conductive Polymer-Stimulated Synergistic Effect on Fast and Reversible Sodium-Ion Storage for Bismuth Sulfide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 55051-55059	9.5	1
76	Rational design heterostructured bimetallic selenides for high capacity and durability sodium/potassium-ion storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133176	14.7	3
75	Design of a Solid Electrolyte Interphase for Aqueous Zn Batteries. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13145-13151	15.6	1
74	Design of a Solid Electrolyte Interphase for Aqueous Zn Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13035-13041	16.4	66
73	Fluorinated interphase enables reversible aqueous zinc battery chemistries. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 902-910	28.7	133
72	Sb <sub>2</sub> S <sub>3</sub> -Bi <sub>2</sub> S <sub>3</sub> microrods with the combined action of carbon encapsulation and rGO confinement for improving high cycle stability in sodium/potassium storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 414, 128787	14.7	18
71	Highly Reversible Aqueous Zinc Batteries enabled by Zincophilic-Zincophobic Interfacial Layers and Interrupted Hydrogen-Bond Electrolytes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18845-18851	16.4	37
70	Cobalt-molybdenum binary metal sulfide wrapped by reduced graphene oxide for advanced sodium ion anode material. <i>Chemical Physics</i> , <b>2021</b> , 547, 111191	2.3	0
69	Highly Reversible Aqueous Zinc Batteries enabled by Zincophilic-Zincophobic Interfacial Layers and Interrupted Hydrogen-Bond Electrolytes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18993-18999	3.6	3
68	Exploration of amorphous hollow FeOOH@C nanosphere on energy storage for sodium ion batteries. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 26457-26465	6.7	1
67	FeOOH derived urchin-like Fe <sub>2</sub> O <sub>3</sub> @C as superior anode for sodium ion storage. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 858, 157714	5.7	3
66	Construction of CoP@C embedded into N/S-co-doped porous carbon sheets for superior lithium and sodium storage. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 582, 969-976	9.3	17
65	One-step in situ encapsulation of Ge nanoparticles into porous carbon network with enhanced electron/ion conductivity for lithium storage. <i>Rare Metals</i> , <b>2021</b> , 40, 2432-2439	5.5	4
64	Improved sodium storage properties of nickel sulfide nanoparticles decorated on reduced graphene oxide nanosheets as an advanced anode material. <i>Nanotechnology</i> , <b>2021</b> , 32, 195406	3.4	2
63	Tuning the Electrolyte Solvation Structure to Suppress Cathode Dissolution, Water Reactivity, and Zn Dendrite Growth in Zinc-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104281	15.6	60
62	Exploring sodium storage mechanism of topological insulator Bi <sub>2</sub> Te <sub>3</sub> nanosheets encapsulated in conductive polymer. <i>Energy Storage Materials</i> , <b>2021</b> , 41, 255-263	19.4	10

61	Hierarchical carbon-coated FeP derived from FeOOH with enhanced sodium-storage performance. <i>Surface Innovations</i> , <b>2021</b> , 9, 285-292	1.9	0
60	Solvation Structure Design for Aqueous Zn Metal Batteries. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21404-21409	16.4	215
59	Ball-in-ball structured SnO <sub>2</sub> @FeOOH@C nanospheres toward advanced anode material for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 838, 155394	5.7	7
58	An In-Depth Study of Zn Metal Surface Chemistry for Advanced Aqueous Zn-Ion Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003021	24	286
57	Hydrophobic Organic-Electrolyte-Protected Zinc Anodes for Aqueous Zinc Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19454-19458	3.6	13
56	Hydrophobic Organic-Electrolyte-Protected Zinc Anodes for Aqueous Zinc Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19292-19296	16.4	120
55	Hollow CoS <sub>2</sub> @C nanocubes for high-performance sodium storage. <i>Applied Surface Science</i> , <b>2020</b> , 519, 146268	6.7	12
54	Anchoring ternary CoNiSn alloys nanoparticles on hollow architected SnO <sub>2</sub> for exceptional lithium storage performance. <i>Journal of Power Sources</i> , <b>2020</b> , 450, 227626	8.9	9
53	Advanced sodium storage properties of a porous nitrogen-doped carbon with a NiO/Cu/CuO hetero-interface derived from bimetal-organic frameworks. <i>Chemical Communications</i> , <b>2020</b> , 56, 818-821	5.8	5
52	Construction of uniform SnS <sub>2</sub> /ZnS heterostructure nanosheets embedded in graphene for advanced lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 820, 153147	5.7	11
51	Deeply understanding the Zn anode behaviour and corresponding improvement strategies in different aqueous Zn-based batteries. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 3917-3949	35.4	191
50	Heterogeneous Structured BiS/MoS@NC Nanoclusters: Exploring the Superior Rate Performance in Sodium/Potassium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 42902-42910	9.5	39
49	Recent Developments in Alloying-type Anode Materials for Potassium-Ion Batteries. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1648-1659	4.5	7
48	A layered Bi <sub>2</sub> Te <sub>3</sub> nanoplates/graphene composite with high gravimetric and volumetric performance for Na-ion storage. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 3163-3171	5.8	16
47	Heterostructured SnS/TiO@C hollow nanospheres for superior lithium and sodium storage. <i>Nanoscale</i> , <b>2019</b> , 11, 12846-12852	7.7	40
46	SnS@C Hollow Nanospheres with Robust Structural Stability as High-Performance Anodes for Sodium Ion Batteries. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 14	19.5	58
45	Constructing Hollow Ni <sub>0.2</sub> Co <sub>0.8</sub> S@rGO Composites at Low Temperature Conditions as Anode Material for Lithium-Ion batteries. <i>ChemElectroChem</i> , <b>2019</b> , 6, 2331-2337	4.3	7
44	Hierarchical flower-like structures composed of cross-shaped vanadium dioxide nanobelts as superior performance anode for lithium and sodium ions batteries. <i>Applied Surface Science</i> , <b>2019</b> , 480, 882-887	6.7	23

43	Engineering Unique Ball-In-Ball Structured (NiCo)S@C Nanospheres for Advanced Sodium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27805-27812	9.5	16
42	Capacitive behavior of glucose-derived porous activated carbon with different morphologies. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 805, 426-435	5.7	19
41	One-Step In Situ Preparation of Polymeric Selenium Sulfide Composite as a Cathode Material for Enhanced Sodium/Potassium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 29807-29813	9.5	23
40	Fabrication of Core-Shell Ni <sub>2</sub> P@N, P <sub>11</sub> O-Doped Carbon/Reduced Graphene Oxide Composite as Anode Material for Lithium- and Sodium-Ion Batteries. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5492-5498	4.3	6
39	3D architectures with Co(OH)CO nanowires wrapped by reduced graphene oxide as superior rate anode materials for Li-ion batteries. <i>Nanoscale</i> , <b>2019</b> , 11, 21180-21187	7.7	19
38	Uniformly distributed TiO <sub>2</sub> nanorods on reduced graphene oxide composites as anode material for high rate lithium ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 771, 885-891	5.7	33
37	Embedding ultrafine ZnSnO nanoparticles into reduced graphene oxide composites as high-performance electrodes for lithium ion batteries. <i>Nanotechnology</i> , <b>2018</b> , 29, 195401	3.4	9
36	Electrospinning preparation of a graphene oxide nanohybrid proton-exchange membrane for fuel cells. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46443	2.9	13
35	Graphene-Loaded BiSe: A Conversion-Alloying-type Anode Material for Ultrafast Gravimetric and Volumetric Na Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 30379-30387	9.5	44
34	Coordination Polymers-Derived Three-Dimensional Hierarchical CoFeO Hollow Spheres as High-Performance Lithium Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 28679-28685	9.5	47
33	Achieving Ultrafast and Stable Na-Ion Storage in FeSe Nanorods/Graphene Anodes by Controlling the Surface Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 22841-22850	9.5	51
32	A Coordination Strategy for Ti <sub>x</sub> Sn <sub>1-x</sub> O <sub>2</sub> Solid Solution Nanocubes Wrapped by Reduced Graphene Oxide as a Candidate for Lithium-Ion-Battery Anodes. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3961-3967	4.3	8
31	Two-Dimensional NiSe/N-Rich Carbon Nanocomposites Derived from Ni-Hexamine Frameworks for Superb Na-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 34193-34201	9.5	75
30	Construction of 3D architectures with Ni(HCO) nanocubes wrapped by reduced graphene oxide for LIBs: ultrahigh capacity, ultrafast rate capability and ultralong cycle stability. <i>Chemical Science</i> , <b>2018</b> , 9, 8682-8691	9.4	26
29	Hollow ZnSnO <sub>3</sub> cubes@carbon/reduced graphene oxide ternary composite as anode of lithium ion batteries with enhanced electrochemical performance. <i>Ceramics International</i> , <b>2017</b> , 43, 11556-11562	5.1	18
28	Fabrication of Novel Ternary Three-Dimensional RuO <sub>2</sub> /Graphitic-C <sub>3</sub> N <sub>4</sub> @reduced Graphene Oxide Aerogel Composites for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4982-4991	8.3	61
27	Unique Structural Design and Strategies for Germanium-Based Anode Materials Toward Enhanced Lithium Storage. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700488	21.8	82
26	A self-assembled 3D urchin-like Ti <sub>0.8</sub> Sn <sub>0.2</sub> O <sub>2</sub> @GO hybrid nanostructure as an anode material for high-rate and long cycle life Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8087-8094	13	20

25	3D free-standing nitrogen-doped reduced graphene oxide aerogel as anode material for sodium ion batteries with enhanced sodium storage. <i>Scientific Reports</i> , <b>2017</b> , 7, 4886	4.9	64
24	Ultrathin Cobaltosic Oxide Nanosheets as an Effective Sulfur Encapsulation Matrix with Strong Affinity Toward Polysulfides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 4320-4325	9.5	55
23	A New Strategy for Achieving a High Performance Anode for Lithium Ion Batteries Encapsulating Germanium Nanoparticles in Carbon Nanoboxes. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501666	21.8	95
22	Self-assembled 3D ZnSnO <sub>3</sub> hollow cubes@reduced graphene oxide aerogels as high capacity anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 203, 84-90	6.7	45
21	V <sub>2</sub> O <sub>5</sub> /Mesoporous Carbon Composite as a Cathode Material for Lithium-ion Batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 173, 172-177	6.7	32
20	Unique Urchin-like Ca <sub>2</sub> Ge <sub>7</sub> O <sub>16</sub> Hierarchical Hollow Microspheres as Anode Material for the Lithium Ion Battery. <i>Scientific Reports</i> , <b>2015</b> , 5, 11326	4.9	21
19	Hollow carbon spheres with encapsulated germanium as an anode material for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 978-981	13	59
18	Germanium anode with excellent lithium storage performance in a germanium/lithium-cobalt oxide lithium-ion battery. <i>ACS Nano</i> , <b>2015</b> , 9, 1858-67	16.7	127
17	Hierarchical porous LiMg(NH) <sub>2</sub> CO <sub>3</sub> nanowires with long cycle life towards stable hydrogen storage. <i>Scientific Reports</i> , <b>2014</b> , 4, 6599	4.9	10
16	SnSb@carbon nanocable anchored on graphene sheets for sodium ion batteries. <i>Nano Research</i> , <b>2014</b> , 7, 1466-1476	10	98
15	TiO <sub>2</sub> coated three-dimensional hierarchically ordered porous sulfur electrode for the lithium/sulfur rechargeable batteries. <i>Energy</i> , <b>2014</b> , 75, 597-602	7.9	46
14	Highly reversible and large lithium storage in mesoporous Si/C nanocomposite anodes with silicon nanoparticles embedded in a carbon framework. <i>Advanced Materials</i> , <b>2014</b> , 26, 6749-55	24	234
13	TiO <sub>2</sub> nanoparticles on nitrogen-doped graphene as anode material for lithium ion batteries. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	29
12	A unique sandwich-structured C/Ge/graphene nanocomposite as an anode material for high power lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14115	13	72
11	Enhanced rate performance of cobalt oxide/nitrogen doped graphene composite for lithium ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 5003	3.7	42
10	Carbon-coated Li <sub>3</sub> N nanofibers for advanced hydrogen storage. <i>Advanced Materials</i> , <b>2013</b> , 25, 6238-44	24	54
9	Enhanced electrochemical properties of LiFePO <sub>4</sub> by Mo-substitution and graphitic carbon-coating via a facile and fast microwave-assisted solid-state reaction. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 3634-9	3.6	32
8	Enhanced Electrochemical Performance of MoS <sub>2</sub> for Lithium Ion Batteries by Simple Chemical Lithiation. <i>Journal of the Chinese Chemical Society</i> , <b>2012</b> , 59, 1196-1200	1.5	8

7	Microwave-assisted Synthesis of Flower-like Structure $\gamma$ -MnO <sub>2</sub> as Cathode for Lithium Ion Batteries. <i>Journal of the Chinese Chemical Society</i> , <b>2012</b> , 59, 1211-1215	1.5	17
6	Preparation and electrochemical performance of LiFePO <sub>4</sub> /F x /C nanorods by room-temperature solid-state reaction and microwave heating. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	5
5	Preparation and characterization of Ag/C nanocables-modified nanosized C-LiFePO <sub>4</sub> . <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 4815-4820	2.3	6
4	Synthesis and electrochemical properties of nanosized carbon-coated Li <sub>1-x</sub> La <sub>x</sub> FePO <sub>4</sub> composites. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 889-895	2.6	18
3	Processable aqueous dispersions of graphene nanosheets. <i>Nature Nanotechnology</i> , <b>2008</b> , 3, 101-5	28.7	7729
2	Hierarchical Bimetallic Selenides CoSe <sub>2</sub> /MoSe <sub>2</sub> /rGO for Sodium/Potassium-Ion Batteries Anode: Insights into the Intercalation and Conversion Mechanism. <i>Energy and Environmental Materials</i> ,	13	7
1	Heterojunction interfacial promotion of fast and prolonged alkali-ion storage of urchin-like Nb <sub>2</sub> O <sub>5</sub> @C nanospheres. <i>Journal of Materials Chemistry A</i> ,	13	3