

# Jianming Fan

## List of Publications by Year in descending order

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27  
papers

1,391  
citations

430874

18  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface hydroxyl groups functionalized graphite carbon nitride for high efficient removal of diquat dibromide from water. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 70-80.	9.4	32
2	Tiâ€Based Surface Integrated Layer and Bulk Doping for Stable Voltage and Long Life of Liâ€Rich Layered Cathodes. <i>Advanced Functional Materials</i> , 2021, 31, 2009310.	14.9	59
3	An almost full reversible lithium-rich cathode: Revealing the mechanism of high initial coulombic efficiency. <i>Journal of Energy Chemistry</i> , 2021, 62, 120-126.	12.9	10
4	A cathodic photocorrosion-assisted strategy to construct a CdS/Pt heterojunction photocatalyst for enhanced photocatalytic hydrogen evolution. <i>New Journal of Chemistry</i> , 2021, 45, 10315-10324.	2.8	13
5	Accurate Control of Initial Coulombic Efficiency for Lithiumâ€Rich Manganeseâ€Based Layered Oxides by Surface Multicomponent Integration. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23061-23066.	13.8	107
6	Accurate Control of Initial Coulombic Efficiency for Lithiumâ€Rich Manganeseâ€Based Layered Oxides by Surface Multicomponent Integration. <i>Angewandte Chemie</i> , 2020, 132, 23261-23266.	2.0	4
7	Zeolitic imidazolate framework-8 modified LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> : A durable cathode showing excellent electrochemical performances in Li-ion batteries. <i>Electrochimica Acta</i> , 2020, 336, 135724.	5.2	10
8	Unveiling the Impact of the Polypyrrole Coating Layer Thickness on the Electrochemical Performances of LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> in Liâ€Ion Battery. <i>ChemistrySelect</i> , 2019, 4, 6354-6360.	1.5	20
9	Reconstructing the Surface Structure of Li-Rich Cathodes for High-Energy Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19950-19958.	8.0	37
10	Facile synthesis of Mn <sub>2.1</sub> V <sub>0.9</sub> O <sub>4</sub> /rGO: A novel high-rate anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2019, 426, 197-204.	7.8	28
11	A facile strategy to fabricate V <sub>2</sub> O <sub>3</sub> /Porous N-doped carbon nanosheet framework as high-performance anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 789, 288-294.	5.5	28
12	Heatâ€Treatmentâ€Assisted Moltenâ€Salt Strategy to Enhance Electrochemical Performances of Liâ€Rich Assembled Microspheres by Tailoring Their Surface Features. <i>Chemistry - A European Journal</i> , 2019, 25, 2003-2010.	3.3	10
13	Facile synthesis of Fe <sub>4</sub> N/Fe <sub>2</sub> O <sub>3</sub> /Fe/porous N-doped carbon nanosheet as high-performance anode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 384, 34-41.	7.8	51
14	In Situ Synthesis of Mn <sub>3</sub> O <sub>4</sub> Nanoparticles on Hollow Carbon Nanofiber as Highâ€Performance Lithiumâ€Ion Battery Anode. <i>Chemistry - A European Journal</i> , 2018, 24, 9632-9638.	3.3	37
15	Surface element segregation and electrical conductivity of lithium layered transition-metal oxide cathode materials. <i>Applied Surface Science</i> , 2018, 427, 226-232.	6.1	8
16	Simply Constructing Li <sub>1.2</sub> Mn <sub>0.6</sub> Ni <sub>0.2</sub> O <sub>2</sub> /C Composites for Superior Electrochemical Performance and Thermal Stability in Liâ€Ion Battery. <i>ChemistrySelect</i> , 2018, 3, 13647-13653.	1.5	3
17	Fast synthesis of Co <sub>1.8</sub> V <sub>1.2</sub> O <sub>4</sub> /rGO as a high-rate anode material for lithium-ion batteries. <i>Chemical Communications</i> , 2018, 54, 7689-7692.	4.1	24
18	Pristine Surface Investigation of Li <sub>1.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> O <sub>2</sub> towards Improving Capacity and Rate-capability for Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2017, 245, 118-127.	5.2	9

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19	Tuning shell thickness of MnO/C core-shell nanowires for optimum performance of lithium-ion batteries. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 924-928.	2.6	8
20	Improved Cycling Stability of Cobalt-free Li-rich Oxides with a Stable Interface by Dual Doping. <i>Electrochimica Acta</i> , 2016, 196, 505-516.	5.2	49
21	LiMO <sub>2</sub> (M = Mn, Co, Ni) hexagonal sheets with (101) facets for ultrafast charging&discharging lithium ion batteries. <i>Journal of Power Sources</i> , 2015, 276, 238-246.	7.8	20
22	Balancing stability and specific energy in Li-rich cathodes for lithium ion batteries: a case study of a novel Li&Mn&Ni&Co oxide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10592-10602.	10.3	62
23	Hydrothermal-Assisted Synthesis of Li-Rich Layered Oxide Microspheres with High Capacity and Superior Rate-capability as a Cathode for Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2015, 173, 7-16.	5.2	62
24	A Study on Storage Characteristics of Pristine Li-rich Layered Oxide Li <sub>1.20</sub> Mn <sub>0.54</sub> Co <sub>0.13</sub> Ni <sub>0.13</sub> O <sub>2</sub> : Effect of Storage Temperature and Duration. <i>Electrochimica Acta</i> , 2015, 154, 249-258.	5.2	30
25	A New Spinel&Layered Li&Rich Microsphere as a High&Rate Cathode Material for Li&Ion Batteries. <i>Advanced Energy Materials</i> , 2014, 4, 1400062.	19.5	164
26	K <sup>+</sup> -Doped Li <sub>1.2</sub> Mn <sub>0.54</sub> Co <sub>0.13</sub> Ni <sub>0.13</sub> O <sub>2</sub> : A Novel Cathode Material with an Enhanced Cycling Stability for Lithium-ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10330-10341.	8.0	332
27	Nickel-Rich Layered Microspheres Cathodes: Lithium/Nickel Disordering and Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 15822-15831.	8.0	174