

# Li Shen

## List of Publications by Year in descending order

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24  
papers

1,612  
citations

471371

17  
h-index

642610

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creating Lithium-Ion Electrolytes with Biomimetic Ionic Channels in Metal-Organic Frameworks. <i>Advanced Materials</i> , 2018, 30, e1707476.	11.1	230
2	Anion-Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , 2019, 31, e1808338.	11.1	178
3	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. <i>Nature Communications</i> , 2019, 10, 1474.	5.8	140
4	Fabrication of Hybrid Silicate Coatings by a Simple Vapor Deposition Method for Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2018, 8, 1701744.	10.2	138
5	Regenerative Polysulfide-Scavenging Layers Enabling Lithium-Sulfur Batteries with High Energy Density and Prolonged Cycling Life. <i>ACS Nano</i> , 2017, 11, 2697-2705.	7.3	132
6	A comprehensive study on electrochemical performance of Mn-surface-modified LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> synthesized by an in situ oxidizing-coating method. <i>Journal of Power Sources</i> , 2014, 252, 200-207.	4.0	125
7	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , 2020, 11, 5215.	5.8	113
8	Ion-Transport-Rectifying Layer Enables Li-Metal Batteries with High Energy Density. <i>Matter</i> , 2020, 3, 1685-1700.	5.0	75
9	Anchoring anions with metal-organic framework-functionalized separators for advanced lithium batteries. <i>Nanoscale Horizons</i> , 2019, 4, 705-711.	4.1	71
10	Electrolyte Membranes with Biomimetic Lithium-Ion Channels. <i>Nano Letters</i> , 2020, 20, 5435-5442.	4.5	49
11	Facilitating Lithium-Ion Conduction in Gel Polymer Electrolyte by Metal-Organic Frameworks. , 2020, 2, 1435-1441.		48
12	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , 2021, 31, 2009718.	7.8	43
13	Encapsulation of SnO <sub>2</sub> nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18706-18710.	5.2	42
14	Spheres of Graphene and Carbon Nanotubes Embedding Silicon as Mechanically Resilient Anodes for Lithium-Ion Batteries. <i>Nano Letters</i> , 2022, 22, 3054-3061.	4.5	42
15	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2003055.	7.8	38
16	Graphite-Embedded Lithium Iron Phosphate for High-Power Energy Cathodes. <i>Nano Letters</i> , 2021, 21, 2572-2579.	4.5	33
17	Class of Solid-like Electrolytes for Rechargeable Batteries Based on Metal-Organic Frameworks Infiltrated with Liquid Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 43824-43832.	4.0	25
18	Porous carbon microspheres with highly graphitized structure for potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 48-53.	5.0	22

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19	High Performance Sodium Ion Anodes Based on Sn <sub>4</sub> P <sub>3</sub> Encapsulated within Amphiphilic Graphene Tubes. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	18
20	Synthesis and performance of LiVPO <sub>4</sub> F/C-based cathode material for lithium ion battery. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 1718-1722.	1.7	17
21	Electrolyte Modulators toward Polarizationâ€Mitigated Lithiumâ€Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , 2022, 34, e2107787.	11.1	15
22	Semiliquid electrolytes with anion-adsorbing metalâ€organic frameworks for high-rate lithium batteries. <i>Chemical Communications</i> , 2020, 56, 13603-13606.	2.2	6
23	CVD-assisted fabrication of hierarchical microparticulate Li <sub>2</sub> TiSiO <sub>5</sub> -carbon nanospheres for ultrafast lithium storage. <i>Nanoscale</i> , 2020, 12, 13918-13925.	2.8	6
24	High-Performance Battery Separator Made by Thermally Activated Metalâ€Organic Frameworks. <i>ACS Applied Energy Materials</i> , 2022, 5, 5519-5524.	2.5	6