

# Qing Zhang

## List of Publications by Year in descending order

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18  
papers

2,944  
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471509

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times ranked

3165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphitic Carbon Nanocage as a Stable and High Power Anode for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1801149.	19.5	442
2	CoS Quantum Dot Nanoclusters for High-Energy Potassium-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1702634.	14.9	391
3	Boosting the Potassium Storage Performance of Alloy-Based Anode Materials via Electrolyte Salt Chemistry. <i>Advanced Energy Materials</i> , 2018, 8, 1703288.	19.5	382
4	Activated carbon from the graphite with increased rate capability for the potassium ion battery. <i>Carbon</i> , 2017, 123, 54-61.	10.3	257
5	An Intrinsically Non-flammable Electrolyte for High-Performance Potassium Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3638-3644.	13.8	211
6	Boosting potassium-ion batteries by few-layered composite anodes prepared via solution-triggered one-step shear exfoliation. <i>Nature Communications</i> , 2018, 9, 3645.	12.8	204
7	Cathode Materials for Potassium-Ion Batteries: Current Status and Perspective. <i>Electrochemical Energy Reviews</i> , 2018, 1, 625-658.	25.5	201
8	A new energy storage system: Rechargeable potassium-selenium battery. <i>Nano Energy</i> , 2017, 35, 36-43.	16.0	168
9	Hollow-Carbon-Templated Few-Layered $V_{5}S_{8}$ Nanosheets Enabling Ultrafast Potassium Storage and Long-Term Cycling. <i>ACS Nano</i> , 2019, 13, 7939-7948.	14.6	136
10	Structural Insight into Layer Gliding and Lattice Distortion in Layered Manganese Oxide Electrodes for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1900568.	19.5	125
11	Recent Advances in 3D Graphene Architectures and Their Composites for Energy Storage Applications. <i>Small</i> , 2019, 15, e1803858.	10.0	99
12	Synergy of binders and electrolytes in enabling micro-sized alloy anodes for high performance potassium-ion batteries. <i>Nano Energy</i> , 2020, 77, 105118.	16.0	82
13	Three-Dimensional Porous Cobalt Phosphide Nanocubes Encapsulated in a Graphene Aerogel as an Advanced Anode with High Coulombic Efficiency for High-Energy Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 5373-5379.	8.0	78
14	Ultra-light and flexible pencil-trace anode for high performance potassium-ion and lithium-ion batteries. <i>Green Energy and Environment</i> , 2017, 2, 278-284.	8.7	75
15	Ultrafast Li-ion migration in holey-graphene-based composites constructed by a generalized <i>in situ</i> method towards high capacity energy storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4788-4796.	10.3	34
16	Enabling Ultrastable Alkali Metal Anodes by Artificial Solid Electrolyte Interphase Fluorination. <i>Nano Letters</i> , 2022, 22, 4347-4353.	9.1	24
17	Enabling Atomic-Scale Imaging of Sensitive Potassium Metal and Related Solid Electrolyte Interphases Using Ultralow-Dose Cryo-TEM. <i>Advanced Materials</i> , 2021, 33, e2102666.	21.0	19
18	An Intrinsically Non-flammable Electrolyte for High-Performance Potassium Batteries. <i>Angewandte Chemie</i> , 2020, 132, 3667-3673.	2.0	16