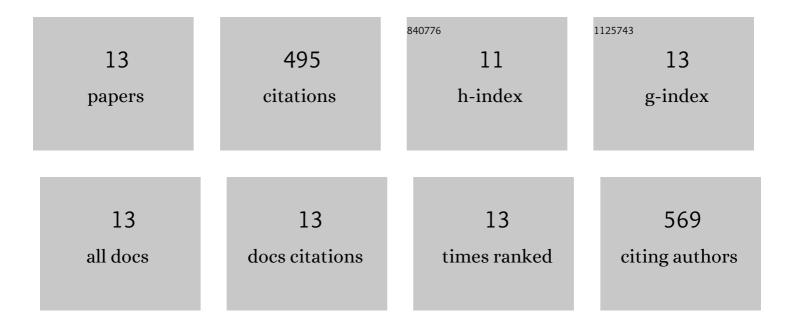
Jingfeng Zheng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Localized Highâ€Concentration Electrolytes Boost Potassium Storage in Highâ€Loading Graphite. Advanced Energy Materials, 2019, 9, 1902618.	19.5	153
2	Anchoring an Artificial Protective Layer To Stabilize Potassium Metal Anode in Rechargeable K–O ₂ Batteries. ACS Applied Materials & Interfaces, 2019, 11, 16571-16577.	8.0	57
3	Superoxide-Based K–O ₂ Batteries: Highly Reversible Oxygen Redox Solves Challenges in Air Electrodes. Journal of the American Chemical Society, 2020, 142, 11629-11640.	13.7	49
4	Antiperovskite Superionic Conductors: A Critical Review. ACS Materials Au, 2021, 1, 92-106.	6.0	41
5	Ambient Pressure X-ray Photoelectron Spectroscopy Investigation of Thermally Stable Halide Perovskite Solar Cells via Post-Treatment. ACS Applied Materials & Interfaces, 2020, 12, 43705-43713.	8.0	34
6	Antiperovskite K ₃ 0I for K-Ion Solid State Electrolyte. Journal of Physical Chemistry Letters, 2021, 12, 7120-7126.	4.6	33
7	Building a Reactive Armor Using S-Doped Graphene for Protecting Potassium Metal Anodes from Oxygen Crossover in K–O ₂ Batteries. ACS Energy Letters, 2020, 5, 1788-1793.	17.4	32
8	Pursuing graphite-based K-ion O ₂ batteries: a lesson from Li-ion batteries. Energy and Environmental Science, 2020, 13, 3656-3662.	30.8	31
9	K ₃ SbS ₄ as a Potassium Superionic Conductor with Low Activation Energy for K–S Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
10	Designing Potassium Battery Salts through a Solvent-in-Anion Concept for Concentrated Electrolytes and Mimicking Solvation Structures. Chemistry of Materials, 2020, 32, 10423-10434.	6.7	16
11	Single Potassium-Ion Conducting Polymer Electrolytes: Preparation, Ionic Conductivities, and Electrochemical Stability. ACS Applied Energy Materials, 2021, 4, 4156-4164.	5.1	14
12	KB ₃ H ₈ ·NH ₃ B ₃ H ₇ Complex as a Potential Solid-State Electrolyte with Excellent Stability against K Metal. ACS Applied Materials & Interfaces, 2022, 14, 17378-17387.	8.0	12
13	K ₃ SbS ₄ as a Potassium Superionic Conductor with Low Activation Energy for K–S Batteries. Angewandte Chemie. 2022. 134	2.0	4