

Jiwon Park

List of Publications by Year in descending order

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12
papers

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1040056

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1077
citing authors

#	ARTICLE	IF	CITATIONS
1	Brush-Like Cobalt Nitride Anchored Carbon Nanofiber Membrane: Current Collector-Catalyst Integrated Cathode for Long Cycle Li ⁺ O ₂ Batteries. ACS Nano, 2018, 12, 128-139.	14.6	230
2	Lithium ⁺ Air Batteries: Air-Breathing Challenges and Perspective. ACS Nano, 2020, 14, 14549-14578.	14.6	126
3	A dendrite- and oxygen-proof protective layer for lithium metal in lithium ⁺ oxygen batteries. Journal of Materials Chemistry A, 2019, 7, 3857-3862.	10.3	61
4	Charge Compensation Mechanism of Lithium-Excess Metal Oxides with Different Covalent and Ionic Characters Revealed by <i>Operando</i> Soft and Hard X-ray Absorption Spectroscopy. Chemistry of Materials, 2020, 32, 139-147.	6.7	37
5	Mutual Conservation of Redox Mediator and Singlet Oxygen Quencher in Lithium ⁺ Oxygen Batteries. ACS Catalysis, 2019, 9, 9914-9922.	11.2	33
6	Oxidation Stability of Organic Redox Mediators as Mobile Catalysts in Lithium ⁺ Oxygen Batteries. ACS Energy Letters, 2020, 5, 2122-2129.	17.4	31
7	Mechanistic Study Revealing the Role of the Br ₃ ⁻ /Br ₂ Redox Couple in CO ₂ -Assisted Li ⁺ O ₂ Batteries. Advanced Energy Materials, 2020, 10, 1903486.	19.5	29
8	Nanostructured LiMnO ₂ with Li ₃ PO ₄ Integrated at the Atomic Scale for High-Energy Electrode Materials with Reversible Anionic Redox. ACS Central Science, 2020, 6, 2326-2338.	11.3	22
9	Sodium fluoride-rich solid electrolyte interphase for sodium ⁺ metal and sodium ⁺ oxygen batteries. Bulletin of the Korean Chemical Society, 2021, 42, 1519-1523.	1.9	13
10	Unexpectedly Large Contribution of Oxygen to Charge Compensation Triggered by Structural Disorder: Detailed Experimental and Theoretical Study on a Li ₃ NbO ₄ -NiO Binary System. ACS Central Science, 2022, 8, 775-794.	11.3	10
11	Coverage of capping ligands determining the selectivity of multi-carbon products and morphological evolution of Cu nanocatalysts in electrochemical reduction of CO ₂ . Journal of Materials Chemistry A, 2021, 9, 11210-11218.	10.3	8
12	Instability of a Noncrystalline NaO ₂ Film in Na ⁺ O ₂ Batteries: The Controversial Effect of the RuO ₂ Catalyst. Journal of Physical Chemistry C, 2018, 122, 19678-19686.	3.1	7