

Jiwon Park

List of Publications by Year in descending order

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12
papers

607
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1170033

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1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpectedly Large Contribution of Oxygen to Charge Compensation Triggered by Structural Disordering: Detailed Experimental and Theoretical Study on a Li_3NbO_4 - NiO Binary System. <i>ACS Central Science</i> , 2022, 8, 775-794.	5.3	10
2	Sodium fluoride-rich solid electrolyte interphase for sodium-metal and sodium-oxygen batteries. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 1519-1523.	1.0	13
3	Coverage of capping ligands determining the selectivity of multi-carbon products and morphological evolution of Cu nanocatalysts in electrochemical reduction of CO_2 . <i>Journal of Materials Chemistry A</i> , 2021, 9, 11210-11218.	5.2	8
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. <i>Chemistry of Materials</i> , 2020, 32, 139-147.	3.2	37
5	Nanostructured LiMnO_2 with Li_3PO_4 Integrated at the Atomic Scale for High-Energy Electrode Materials with Reversible Anionic Redox. <i>ACS Central Science</i> , 2020, 6, 2326-2338.	5.3	22
6	Lithium-Air Batteries: Air-Breathing Challenges and Perspective. <i>ACS Nano</i> , 2020, 14, 14549-14578.	7.3	126
7	Oxidation Stability of Organic Redox Mediators as Mobile Catalysts in Lithium-Oxygen Batteries. <i>ACS Energy Letters</i> , 2020, 5, 2122-2129.	8.8	31
8	Mechanistic Study Revealing the Role of the $\text{Br}_3^{\bullet}/\text{Br}_2$ Redox Couple in CO_2 -Assisted Li_2O_2 Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1903486.	10.2	29
9	Mutual Conservation of Redox Mediator and Singlet Oxygen Quencher in Lithium-Oxygen Batteries. <i>ACS Catalysis</i> , 2019, 9, 9914-9922.	5.5	33
10	A dendrite- and oxygen-proof protective layer for lithium metal in lithium-oxygen batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3857-3862.	5.2	61
11	Brush-Like Cobalt Nitride Anchored Carbon Nanofiber Membrane: Current Collector-Catalyst Integrated Cathode for Long Cycle Li_2O_2 Batteries. <i>ACS Nano</i> , 2018, 12, 128-139.	7.3	230
12	Instability of a Noncrystalline NaO_2 Film in Na_2O_2 Batteries: The Controversial Effect of the RuO_2 Catalyst. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19678-19686.	1.5	7