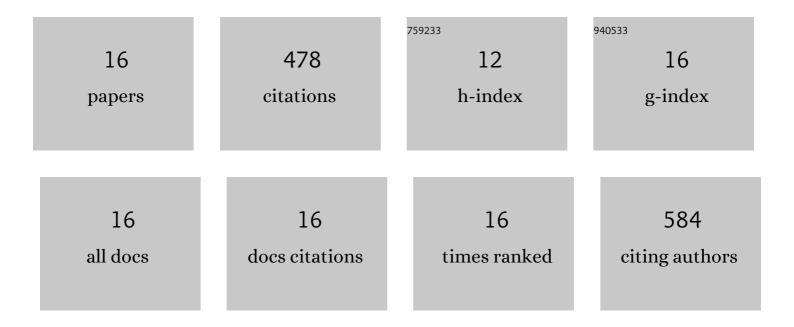
HeeJae Kim

List of Publications by Year in descending order

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HEELAE KIM

#	Article	IF	CITATIONS
1	Sulfurized Carbon Composite with Unprecedentedly High Tap Density for Sodium Storage. Advanced Energy Materials, 2022, 12, .	19.5	2
2	Electronic Structure Engineering of Honeycomb Layered Cathode Material for Sodiumâ€lon Batteries. Advanced Energy Materials, 2021, 11, 2003399.	19.5	24
3	A New Approach to Stable Cationic and Anionic Redox Activity in O3â€Layered Cathode for Sodiumâ€lon Batteries. Advanced Energy Materials, 2021, 11, 2100901.	19.5	24
4	Long Life Anode Material for Potassium Ion Batteries with High-Rate Potassium Storage. Energy Storage Materials, 2021, 40, 197-208.	18.0	18
5	Highly concentrated electrolyte enabling high-voltage application of metallic components for potassium-ion batteries. Journal of Power Sources, 2021, 510, 230436.	7.8	8
6	Rational design of Co-free layered cathode material for sodium-ion batteries. Journal of Power Sources, 2021, 514, 230581.	7.8	20
7	Bioâ€Derived Surface Layer Suitable for Long Term Cycling Niâ€Rich Cathode for Lithiumâ€ion Batteries. Small, 2021, 17, e2104532.	10.0	7
8	Facile migration of potassium ions in a ternary P3-type K0.5[Mn0.8Fe0.1Ni0.1]O2 cathode in rechargeable potassium batteries. Energy Storage Materials, 2020, 25, 714-723.	18.0	57
9	New Insight on Open‧tructured Sodium Vanadium Oxide as Highâ€Capacity and Long Life Cathode for Zn–Ion Storage: Structure, Electrochemistry, and Firstâ€Principles Calculation. Advanced Energy Materials, 2020, 10, 2001595.	19.5	54
10	High-Voltage Stability in KFSI Nonaqueous Carbonate Solutions for Potassium-Ion Batteries: Current Collectors and Coin-Cell Components. ACS Applied Materials & Interfaces, 2020, 12, 42723-42733.	8.0	17
11	Highâ€Voltage Oxygenâ€Redoxâ€Based Cathode for Rechargeable Sodiumâ€Ion Batteries. Advanced Energy Materials, 2020, 10, 2001111.	19.5	72
12	Controlled Oxygen Redox for Excellent Power Capability in Layered Sodiumâ€Based Compounds. Advanced Energy Materials, 2019, 9, 1901181.	19.5	49
13	P2-Na _{2/3} MnO ₂ by Co Incorporation: As a Cathode Material of High Capacity and Long Cycle Life for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 28928-28933.	8.0	41
14	Potassium vanadate as a new cathode material for potassium-ion batteries. Journal of Power Sources, 2019, 432, 24-29.	7.8	53
15	Passivation of aluminum current collectors in non-aqueous carbonate solutions containing sodium or potassium hexafluorophosphate salts. Journal of Materials Chemistry A, 2019, 7, 13012-13018.	10.3	24
16	Are type 316L stainless steel coin cells stable in nonaqueous carbonate solutions containing NaPF ₆ or KPF ₆ salt?. Journal of Materials Chemistry A, 2019, 7, 26250-26260.	10.3	8