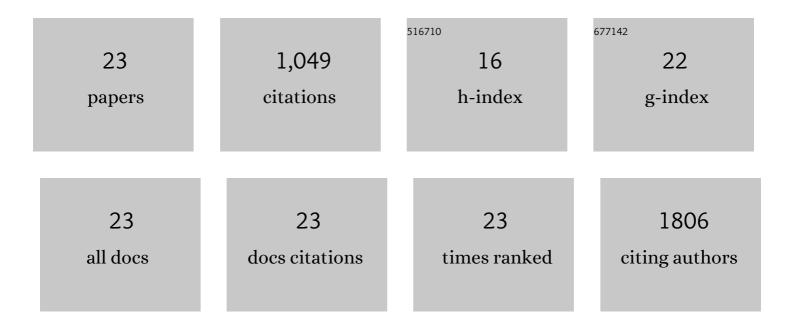
Dong-Wook Han

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1551737/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Structural enhancement of Na ₃ V ₂ (PO ₄) ₃ /C composite cathode materials by pillar ion doping for high power and long cycle life sodium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 19623-19632.	10.3	156
2	Syntheses and Characterization of Wurtzite CoO, Rocksalt CoO, and Spinel Co ₃ O ₄ Nanocrystals: Their Interconversion and Tuning of Phase and Morphology. Chemistry of Materials, 2010, 22, 4446-4454.	6.7	149
3	Na ₃ V ₂ (PO ₄) ₃ particles partly embedded in carbon nanofibers with superb kinetics for ultra-high power sodium ion batteries. Journal of Materials Chemistry A, 2015, 3, 1005-1009.	10.3	92
4	Effects of (NH4)2SO4 and BTA on the nanostructure of copper foam prepared by electrodeposition. Electrochimica Acta, 2011, 56, 9397-9405.	5.2	86
5	Synergistic effects of various morphologies and Al doping of spinel LiMn2O4 nanostructures on the electrochemical performance of lithium-rechargeable batteries. Journal of Materials Chemistry, 2011, 21, 15337.	6.7	70
6	Fabrication of Graphene Embedded LiFePO ₄ Using a Catalyst Assisted Self Assembly Method as a Cathode Material for High Power Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 4731-4736.	8.0	70
7	Effects of Cl doping on the structural and electrochemical properties of high voltage LiMn1.5Ni0.5O4 cathode materials for Li-ion batteries. Journal of Alloys and Compounds, 2014, 592, 48-52.	5.5	62
8	Structurally stabilized olivine lithium phosphate cathodes with enhanced electrochemical properties through Fe doping. Energy and Environmental Science, 2011, 4, 4978.	30.8	59
9	Aluminum Manganese Oxides with Mixed Crystal Structure: Highâ€Energyâ€Density Cathodes for Rechargeable Sodium Batteries. ChemSusChem, 2014, 7, 1870-1875.	6.8	46
10	P2/O3 phase-integrated Na0.7MnO2 cathode materials for sodium-ion rechargeable batteries. Journal of Alloys and Compounds, 2019, 771, 987-993.	5.5	45
11	Effects of Li and Cl Codoping on the Electrochemical Performance and Structural Stability of LiMn ₂ O ₄ Cathode Materials for Hybrid Electric Vehicle Applications. Journal of Physical Chemistry C, 2013, 117, 4913-4919.	3.1	42
12	Kinetic favorability of Ru-doped LiNi 0.5 Mn 1.5 O 4 for high-power lithium-ion batteries. Journal of Industrial and Engineering Chemistry, 2015, 21, 731-735.	5.8	30
13	Effects of Substrate Morphology and Postelectrodeposition on Structure of Cu Foam and Their Application for Li-Ion Batteries. Journal of the Electrochemical Society, 2010, 157, D269.	2.9	24
14	Tailoring Crystal Structure and Morphology of LiFePO ₄ /C Cathode Materials Synthesized by Heterogeneous Growth on Nanostructured LiFePO ₄ Seed Crystals. ACS Applied Materials & Interfaces, 2013, 5, 1342-1347.	8.0	18
15	Synchronous phase transition and carbon coating on the surface of Li-rich layered oxide cathode materials for rechargeable Li-ion batteries. Journal of Power Sources, 2018, 408, 105-110.	7.8	18
16	Facile route to control the surface morphologies of 3D hierarchical MnO2 and its Al self-doping phenomenon. Journal of Nanoparticle Research, 2011, 13, 4777-4784.	1.9	16
17	Oxygen-Deficient P2-Na _{0.7} Mn _{0.75} Ni _{0.25} O _{2â^'<i>x</i>} Cathode by a Reductive NH ₄ HF ₂ Treatment for Highly Reversible Na-Ion Storage. ACS Applied Energy Materials, 2021, 4, 8036-8044.	5.1	15
18	Selective doping of Li-rich layered oxide cathode materials for high-stability rechargeable Li-ion batteries. Journal of Industrial and Engineering Chemistry, 2018, 68, 180-186.	5.8	14

Dong-Wook Han

#	Article	IF	CITATIONS
19	High-yield preparation of molybdenum disulfide/polypyrrole hybrid nanomaterial with non-covalent interaction and its supercapacitor application. Journal of Alloys and Compounds, 2021, 868, 159263.	5.5	13
20	Structure- and porosity-tunable, thermally reactive metal organic frameworks for high-performance Ni-rich layered oxide cathode materials with multi-scale pores. Journal of Materials Chemistry A, 2019, 7, 15190-15197.	10.3	12
21	Amorphous Sn–Ni islets with high structural integrity as an anode material for lithium-ion storage. Journal of Alloys and Compounds, 2021, 879, 160416.	5.5	10
22	Microstructure evolution of novel Sn islands prepared by electrodeposition as anode materials for lithium rechargeable batteries. RSC Advances, 2017, 7, 30428-30432.	3.6	1
23	Bronze titanium dioxide nanowires with Nâ€rich pseudocapacitive surfaces toward improved lithium kinetics and charge storage. International Journal of Energy Research, 0, , .	4.5	1