

# Jung-Hun Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

215  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene collage on Ni-rich layered oxide cathodes for advanced lithium-ion batteries. <i>Nature Communications</i> , 2021, 12, 2145.	12.8	54
2	Graphene coating as a protective barrier against hydrogen embrittlement. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11810-11817.	7.1	48
3	Self-adaptive anode design with graphene-coated SiOx/graphite for high-energy Li-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 442, 136166.	12.7	24
4	Continuous bundles of aligned electrospun PAN nano-fiber using electrostatic spiral collector and converging coil. <i>Polymer</i> , 2016, 84, 52-58.	3.8	19
5	New insights into the phase evolution in CuS during lithiation and delithiation processes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11699-11708.	10.3	16
6	Scalable graphene composite membranes for enhanced ion selectivity. <i>Journal of Membrane Science</i> , 2018, 564, 159-165.	8.2	12
7	Densification and charge transport characterization of composite cathodes with single-crystalline LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> for solid-state batteries. <i>Energy Storage Materials</i> , 2022, 46, 155-164.	18.0	9
8	Determination of twisting angle of electrospun nanofiber bundle for continuous electrospinning system. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45528.	2.6	8
9	Effects of Various Transition Metals on the Thermal Oxidative Stabilization of Polyacrylonitrile Nanofibers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3368-3377.	3.7	8
10	Nd:YVO <sub>4</sub> laser ablation of graphene films on glass and poly(ethylene terephthalate) substrates. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 08NL02.	1.5	7
11	Graphene/PVDF Composites for Ni-rich Oxide Cathodes toward High-Energy Density Li-ion Batteries. <i>Materials</i> , 2021, 14, 2271.	2.9	7
12	Controlling a lithium surface with an alkyl halide nucleophile exchange. <i>Journal of Energy Chemistry</i> , 2021, 62, 617-626.	12.9	3