Jaewoo Lee

List of Publications by Year in descending order

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27	1,715	331670	552781
papers	citations	21 h-index	26 g-index

27	27	27	2719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Patchable and Implantable 2D Nanogenerator. Small, 2021, 17, e1903519.	10.0	30
2	2D Nanogenerators: Patchable and Implantable 2D Nanogenerator (Small 9/2021). Small, 2021, 17, 2170039.	10.0	0
3	Macaroni Fullerene Crystals-Derived Mesoporous Carbon Tubes as a High Rate Performance Supercapacitor Electrode Material. Bulletin of the Chemical Society of Japan, 2021, 94, 1502-1509.	3.2	40
4	Structurally stabilized lithium-metal anode via surface chemistry engineering. Energy Storage Materials, 2021, 37, 315-324.	18.0	46
5	Design of cobalt catalysed carbon nanotubes in bimetallic zeolitic imidazolate frameworks. Applied Surface Science, 2021, 547, 149134.	6.1	33
6	Stabilizing Li-metal host anode with LiF-rich solid electrolyte interphase. Nano Convergence, 2021, 8, 18.	12.1	12
7	Lithium metal storage in zeolitic imidazolate framework derived nanoarchitectures. Energy Storage Materials, 2020, 33, 95-107.	18.0	40
8	Functionality of Dualâ€Phase Lithium Storage in a Porous Carbon Host for Lithiumâ€Metal Anode. Advanced Functional Materials, 2020, 30, 1910538.	14.9	68
9	Everlasting Living and Breathing Gyroid 3D Network in Si@SiOx/C Nanoarchitecture for Lithium Ion Battery. ACS Nano, 2019, 13, 9607-9619.	14.6	165
10	Electrochemical properties of nonstoichiometric silicon suboxide anode materials with controlled oxygen concentration. Composites Part B: Engineering, 2019, 174, 107024.	12.0	25
11	Piezo/triboelectric nanogenerators based on 2-dimensional layered structure materials. Nano Energy, 2019, 57, 680-691.	16.0	108
12	Si Nanocrystal-Embedded SiO x nanofoils: Two-Dimensional Nanotechnology-Enabled High Performance Li Storage Materials. Scientific Reports, 2018, 8, 6904.	3.3	11
13	Mesoporous Manganese Phosphonate Nanorods as a Prospective Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 19739-19745.	8.0	38
14	Strategically Designed Zeolitic Imidazolate Frameworks for Controlling the Degree of Graphitization. Bulletin of the Chemical Society of Japan, 2018, 91, 1474-1480.	3.2	38
15	Highly Ordered Mesostructured Vanadium Phosphonate toward Electrode Materials for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2017, 23, 4344-4352.	3.3	30
16	Research Update: Hybrid energy devices combining nanogenerators and energy storage systems for self-charging capability. APL Materials, 2017, 5, .	5.1	59
17	Nanoarchitecture of MOF-derived nanoporous functional composites for hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 15065-15072.	10.3	146
18	Facile Synthesis of Carbon-Coated Silicon/Graphite Spherical Composites for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 12109-12117.	8.0	130

#	Article	IF	Citations
19	CNTs grown on nanoporous carbon from zeolitic imidazolate frameworks for supercapacitors. Chemical Communications, 2016, 52, 13016-13019.	4.1	109
20	Conductive polymers for next-generation energy storage systems: recent progress and new functions. Materials Horizons, 2016, 3, 517-535.	12.2	272
21	Unique nanocrystalline frameworks in mesoporous tin phosphate prepared through a hydrofluoric acid assisted chemical reaction. Journal of Materials Chemistry A, 2016, 4, 18091-18099.	10.3	14
22	Mechanochemically Reduced SiO₂ by Ti Incorporation as Lithium Storage Materials. ChemSusChem, 2015, 8, 3111-3117.	6.8	17
23	A Highly Resilient Mesoporous SiO_x Lithium Storage Material Engineered by Oilâ€“Water Templating. ChemSusChem, 2015, 8, 688-694.	6.8	45
24	Dual-Size Silicon Nanocrystal-Embedded SiO_x Nanocomposite as a High-Capacity Lithium Storage Material. ACS Nano, 2015, 9, 7690-7696.	14.6	107
25	Hydrogen Silsequioxane-Derived Si/SiO_x Nanospheres for High-Capacity Lithium Storage Materials. ACS Applied Materials & Interfaces, 2014, 6, 9608-9613.	8.0	93
26	NH₄PF₆ as a Structural Modifier for Building a Robust Carbonâ€Coated Natural Graphite Anode for Lithiumâ€Ion Batteries. ChemElectroChem, 2014, 1, 1672-1678.	3.4	10
27	Tuning the surface chemistry of natural graphite anode by H3PO4 and H3BO3 treatments for improving electrochemical and thermal properties. Carbon, 2013, 62, 278-287.	10.3	29