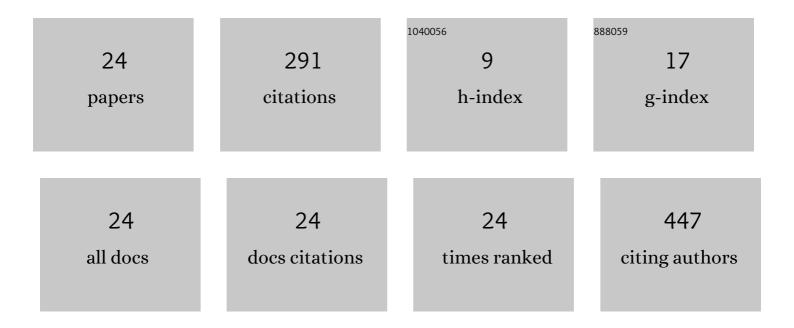
Seongki Ahn

List of Publications by Year in descending order

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SEONCKI AHN

#	Article	IF	CITATIONS
1	Synthesis of Li Conductive Polymer Layer on 3D Structured S Cathode by Photo-Polymerization for Li–S Batteries. Journal of the Electrochemical Society, 2022, 169, 030546.	2.9	3
2	Effect of fluoroethylene carbonate and vinylene carbonate additives on full-cell optimization of Li-ion capacitors. Electrochemistry Communications, 2021, 122, 106905.	4.7	8
3	High-rate and high sulfur-loaded lithium-sulfur batteries with a polypyrrole-coated sulfur cathode on a 3D aluminum foam current collector. Materials Letters, 2021, 285, 129115.	2.6	9
4	Polypyrrole Modification of High Sulfur-Loaded Three-Dimensional Aluminum Foam Cathode in Lithium–Sulfur Batteries for High-Rate Capability. Journal of the Electrochemical Society, 2021, 168, 040517.	2.9	6
5	Electrochemical characteristics of Li-In/Cu anode for dendrite-free Lithium-ion batteries. Materials Letters, 2021, 297, 129994.	2.6	1
6	Electrochemically Deposited Si–O–C Anode. , 2021, , 333-345.		0
7	Communication—Cross-Linked Anionic Polymer Coating Prepared by UV and Thermal Curing for Long-Life Lithium-Sulfur Battery. Journal of the Electrochemical Society, 2021, 168, 110552.	2.9	4
8	AlCl ₃ -graphite intercalation compounds as negative electrode materials for lithium-ion capacitors. Journal of Materials Chemistry A, 2021, 9, 27459-27467.	10.3	6
9	Recent advances in nanomaterials for high-performance Li–S batteries. Journal of Energy Chemistry, 2020, 47, 86-106.	12.9	62
10	Synthesis of Stacked Graphene-Sn Composite as a High-Performance Anode for Lithium-Ion Capacitors. Journal of the Electrochemical Society, 2020, 167, 040519.	2.9	14
11	Influence of Li-salts on Cycle Durability of Sn-Ni Alloy Anode for Lithium-ion Capacitor. Electrochemistry, 2020, 88, 74-78.	1.4	2
12	Facile fabrication of sulfur/Ketjenblack-PEDOT:PSS composite as a cathode with improved cycling performance for lithium sulfur batteries. Chemical Physics Letters, 2020, 749, 137426.	2.6	13
13	Effect of Mass Balancing on Cell Performance and Electrochemical Investigation of Sn–Ni Alloy as Anode for Li-Ion Capacitors. Journal of the Electrochemical Society, 2020, 167, 130512.	2.9	3
14	Electrodeposited SiË—OË—C as a High-Rate Performance Anode for LiË—ion Capacitor. Journal of the Electrochemical Society, 2019, 166, A2683-A2688.	2.9	2
15	Tin addition for mechanical and electronic improvement of electrodeposited Si–O–C composite anode for lithium-ion battery. Journal of Power Sources, 2019, 437, 226858.	7.8	5
16	Application of Sn-Ni Alloy as an Anode for Lithium-Ion Capacitors with Improved Volumetric Energy and Power Density. Journal of the Electrochemical Society, 2019, 166, A3615-A3619.	2.9	11
17	Synthesis of a Spherical Carbon-TiO2 Composite as Electrode Material for Capacitive Deionization. International Journal of Electrochemical Science, 2019, 14, 4683-4692.	1.3	3
18	Fabrication of powdered Si-O-C composite by electrodeposition harvesting method as a long-cycle-life anode material for lithium-ion batteries. Materials Letters, 2019, 251, 184-187.	2.6	9

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#	Article	IF	CITATIONS
19	Effect of enhanced structural stability of Si-O-C anode by carbon nanotubes for lithium-ion battery. Materials Letters, 2019, 245, 200-203.	2.6	8
20	Development of Areal Capacity of Si-O-C Composites as Anode for Lithium Secondary Batteries Using 3D-Structured Carbon Paper as a Current Collector. Journal of the Electrochemical Society, 2017, 164, A355-A359.	2.9	7
21	On-site chemical pre-lithiation of S cathode at room temperature on a 3D nano-structured current collector. Journal of Power Sources, 2017, 366, 65-71.	7.8	50
22	New approach for enhancing electrical conductivity of electrodeposited Si-based anode material for Li secondary batteries: Self-incorporation of nano Cu metal in Si–O–C composite. Nano Energy, 2016, 28, 51-62.	16.0	38
23	Electrophoretically deposited carbon nanotube anchor layer to improve areal capacity of Si-O-C composite anode for lithium secondary batteries. Journal of Power Sources, 2016, 336, 203-211.	7.8	15
24	Electrochemical Properties of Heated Carbon Nanofibers for Lithium Ion Capacitor. Chemistry Letters, 2014, 43, 898-900.	1.3	12