

Dan Schneier

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

250
citations

1307594

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1372567

10
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13
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13
docs citations

13
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-like Silicon Nanowires-Based Three-Dimensional Anodes for High-Capacity Lithium Ion Batteries. Nano Letters, 2015, 15, 3907-3916.	9.1	111
2	Large-Scale Self-Catalyzed Spongelike Silicon Nano-Network-Based 3D Anodes for High-Capacity Lithium-ion Batteries. Nano Letters, 2019, 19, 1944-1954.	9.1	53
3	Study of the Formation of a Solid Electrolyte Interphase (SEI) on a Silicon Nanowire Anode in Liquid Disiloxane Electrolyte with Nitrile End Groups for Lithium-ion Batteries. Batteries and Supercaps, 2019, 2, 213-222.	4.7	25
4	Analysis of Scale-up Parameters in 3D Silicon-Nanowire Lithium-Battery Anodes. Journal of the Electrochemical Society, 2020, 167, 050511.	2.9	15
5	Understanding the Spontaneous Reactions between Oxide-Free Silicon and Lithium-Battery Electrolytes. Journal of the Electrochemical Society, 2019, 166, A2091-A2095.	2.9	14
6	Comparative Characterization of Silicon Alloy Anodes, Containing Single-Wall or Multi-Wall Carbon Nanotubes. Journal of the Electrochemical Society, 2019, 166, A740-A746.	2.9	11
7	Elucidation of the Spontaneous Passivation of Silicon Anodes in Lithium Battery Electrolytes. Journal of the Electrochemical Society, 2019, 166, A4020-A4024.	2.9	10
8	Drop-on-demand 3D-printed silicon-based anodes for lithium-ion batteries. Journal of Solid State Electrochemistry, 2022, 26, 183-193.	2.5	5
9	<i>Operando</i> Terahertz Spectroscopy of Solid Electrolyte Interphase Evolution on Silicon Anodes. Batteries and Supercaps, 2022, 5, .	4.7	4
10	Evaluating the Passivation Layer of Freshly Cleaved Silicon Surfaces by Binary Silane-Based Electrolytes. Batteries and Supercaps, 2021, 4, 1611.	4.7	2
11	Pouch-Cell Architecture Downscaled to Coin Cells for Electrochemical Characterization of Bilateral Electrodes**. Batteries and Supercaps, 2021, 4, 767-770.	4.7	0