

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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h-index

1372567

10
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13
all docs

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docs citations

13
times ranked

464
citing authors

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