

Seong Jin An

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1428201/seong-jin-an-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

1,595
citations

15
h-index

18
g-index

18
ext. papers

1,990
ext. citations

7.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
17	A fast method for evaluating stability of lithium ion batteries at high C-rates. <i>Journal of Power Sources</i> , 2020 , 480, 228856	8.9	2
16	Effects of Ultraviolet Light Treatment in Ambient Air on Lithium-Ion Battery Graphite and PVDF Binder. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1121-A1126	3.9	6
15	Formation Challenges of Lithium-Ion Battery Manufacturing. <i>Joule</i> , 2019 , 3, 2884-2888	27.8	37
14	Unveiling the Role of Al ₂ O ₃ in Preventing Surface Reconstruction During High-Voltage Cycling of Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019 , 2, 1308-1313	6.1	22
13	Selecting the Best Graphite for Long-Life, High-Energy Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A1837-A1845	3.9	44
12	Balancing formation time and electrochemical performance of high energy lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 402, 107-115	8.9	33
11	Chemical Evolution in Silicon-Graphite Composite Anodes Investigated by Vibrational Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18641-18649	9.5	36
10	Fast formation cycling for lithium ion batteries. <i>Journal of Power Sources</i> , 2017 , 342, 846-852	8.9	75
9	Correlation of Electrolyte Volume and Electrochemical Performance in Lithium-Ion Pouch Cells with Graphite Anodes and NMC532 Cathodes. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A1195-A1202 ^{3.9}	3.9	41
8	Enabling aqueous processing for crack-free thick electrodes. <i>Journal of Power Sources</i> , 2017 , 354, 200-206	6.9	75
7	Design and Demonstration of Three-Electrode Pouch Cells for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A1755-A1764	3.9	36
6	Electrolyte Volume Effects on Electrochemical Performance and Solid Electrolyte Interphase in Si-Graphite/NMC Lithium-Ion Pouch Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18799-18808	9.5	41
5	Toward Low-Cost, High-Energy Density, and High-Power Density Lithium-Ion Batteries. <i>Jom</i> , 2017 , 69, 1484-1496	2.1	108
4	Long-Term Lithium-Ion Battery Performance Improvement via Ultraviolet Light Treatment of the Graphite Anode. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2866-A2875	3.9	28
3	Evaluation Residual Moisture in Lithium-Ion Battery Electrodes and Its Effect on Electrode Performance. <i>MRS Advances</i> , 2016 , 1, 1029-1035	0.7	66
2	The state of understanding of the lithium-ion-battery graphite solid electrolyte interphase (SEI) and its relationship to formation cycling. <i>Carbon</i> , 2016 , 105, 52-76	10.4	869
1	Polybenzimidazoles for High Temperature Fuel Cell Applications. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1410-1413	4.8	76

