

Anh V Le

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

295
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal resistance and polarization dynamics of lithium-ion batteries upon internal shorting. <i>Applied Energy</i> , 2018, 212, 796-808.	10.1	70
2	Internal-short-mitigating current collector for lithium-ion battery. <i>Journal of Power Sources</i> , 2017, 349, 84-93.	7.8	39
3	Effects of Angular Fillers on Thermal Runaway of Lithium-Ion Battery. <i>Journal of Materials Science and Technology</i> , 2016, 32, 1117-1121.	10.7	21
4	Effects of additional multiwall carbon nanotubes on impact behaviors of LiNi _{0.5} Mn _{0.3} Co _{0.2} O ₂ battery electrodes. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	19
5	Exothermic behaviors of mechanically abused lithium-ion batteries with dibenzylamine. <i>Journal of Power Sources</i> , 2016, 326, 514-521.	7.8	19
6	Using high-HFP content cathode binder for mitigation of heat generation of lithium-ion battery. <i>International Journal of Energy Research</i> , 2017, 41, 2430-2438.	4.5	18
7	Heat generation of mechanically abused lithium-ion batteries modified by carbon black micro-particulates. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 385501.	2.8	17
8	Role of Amines in Thermal-Runaway-Mitigating Lithium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30956-30963.	8.0	16
9	Mitigating thermal runaway of lithium-ion battery through electrolyte displacement. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	16
10	Aggressive electrolyte poisons and multifunctional fluids comprised of diols and diamines for emergency shutdown of lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 384, 93-97.	7.8	15
11	Heterogeneous current collector in lithium-ion battery for thermal-runaway mitigation. <i>Applied Physics Letters</i> , 2017, 110, 083902.	3.3	11
12	Sigmoidal current collector for lithium-ion battery. <i>Journal of Applied Physics</i> , 2017, 121, 015303.	2.5	9
13	Mitigating thermal runaway of lithium-ion battery by using thermally sensitive polymer blend as cathode binder. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45737.	2.6	8
14	Effects of macromolecular configuration of thermally sensitive binder in lithium-ion battery. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45078.	2.6	7
15	Effects of electrode pattern on thermal runaway of lithium-ion battery. <i>International Journal of Damage Mechanics</i> , 2018, 27, 74-81.	4.2	4
16	Effect of groove width of modified current collector on internal short circuit of abused lithium-ion battery. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 425503.	2.8	2
17	A multifunctional battery module design for electric vehicle. <i>Journal of Modern Transportation</i> , 2017, 25, 218-222.	2.5	2
18	Effect of notch depth of modified current collector on internal-short-circuit mitigation for lithium-ion battery. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 015502.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Mitigating internal short circuit in prismatic lithium-ion battery pouch cell by using microstructured current collector. International Journal of Energy Research, 2021, 45, 13801-13808.	4.5	0