

# Anh V Le

## List of Publications by Year in descending order

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19  
papers

295  
citations

840776

11  
h-index

888059

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all docs

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docs citations

19  
times ranked

335  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Effects of additional multiwall carbon nanotubes on impact behaviors of LiNi <sub>0.5</sub> Mn <sub>0.3</sub> Co <sub>0.2</sub> O <sub>2</sub> battery electrodes. Journal of Applied Physics, 2015, 118, .	2.5	19