

# Gert Berckmans

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/560402/publications.pdf>

Version: 2024-02-01

9  
papers

597  
citations

1307594

7  
h-index

1720034

7  
g-index

9  
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9  
docs citations

9  
times ranked

982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost Projection of State of the Art Lithium-Ion Batteries for Electric Vehicles Up to 2030. <i>Energies</i> , 2017, 10, 1314.	3.1	404
2	Analysis of the effect of applying external mechanical pressure on next generation silicon alloy lithium-ion cells. <i>Electrochimica Acta</i> , 2019, 306, 387-395.	5.2	52
3	Comprehensive Aging Analysis of Volumetric Constrained Lithium-Ion Pouch Cells with High Concentration Silicon-Alloy Anodes. <i>Energies</i> , 2018, 11, 2948.	3.1	39
4	Three dimensional thermal model development and validation for lithium-ion capacitor module including air-cooling system. <i>Applied Thermal Engineering</i> , 2019, 153, 264-274.	6.0	36
5	Mechanical behavior of Silicon-Graphite pouch cells under external compressive load: Implications and opportunities for battery pack design. <i>Journal of Power Sources</i> , 2020, 451, 227774.	7.8	31
6	Electrical Characterization and Micro X-ray Computed Tomography Analysis of Next-Generation Silicon Alloy Lithium-Ion Cells. <i>World Electric Vehicle Journal</i> , 2018, 9, 43.	3.0	19
7	Lithium-Ion Capacitor - Optimization of Thermal Management from Cell to Module Level. , 2016, , .		8
8	Lithium-Ion Capacitor: Analysis of Thermal Behavior and Development of Three-Dimensional Thermal Model. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2017, 14, .	2.1	8
9	Incremental Pressure Curves to Assess Capacity Fade in Next-Generation Li-Ion Pouch Cells. , 2019, , .		0