

# Maik Naumann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3350974/publications.pdf>

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14  
papers

1,114  
citations

758635

12  
h-index

1125271

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g-index

14  
all docs

14  
docs citations

14  
times ranked

1209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity Recovery Effect in Commercial LiFePO <sub>4</sub> / Graphite Cells. Journal of the Electrochemical Society, 2020, 167, 040526.	1.3	26
2	Analysis and modeling of cycle aging of a commercial LiFePO <sub>4</sub> /graphite cell. Journal of Power Sources, 2020, 451, 227666.	4.0	83
3	Design and analysis of an aging-aware energy management system for islanded grids using mixed-integer quadratic programming. International Journal of Energy Research, 2019, 43, 4127-4147.	2.2	26
4	Comprehensive Modeling of Temperature-Dependent Degradation Mechanisms in Lithium Iron Phosphate Batteries. Journal of the Electrochemical Society, 2018, 165, A181-A193.	1.3	135
5	Analysis and modeling of calendar aging of a commercial LiFePO <sub>4</sub> /graphite cell. Journal of Energy Storage, 2018, 17, 153-169.	3.9	136
6	Energy efficiency evaluation of a stationary lithium-ion battery container storage system via electro-thermal modeling and detailed component analysis. Applied Energy, 2018, 210, 211-229.	5.1	101
7	Marginal Costs of Battery System Operation in Energy Arbitrage Based on Energy Losses and Cell Degradation. , 2018, , .		8
8	A PSO-Optimized Fuzzy Logic Control-Based Charging Method for Individual Household Battery Storage Systems within a Community. Energies, 2018, 11, 469.	1.6	23
9	Experimental investigation of parametric cell-to-cell variation and correlation based on 1100 commercial lithium-ion cells. Journal of Energy Storage, 2017, 14, 224-243.	3.9	135
10	Comprehensive Modeling of Temperature-Dependent Degradation Mechanisms in Lithium Iron Phosphate Batteries. ECS Transactions, 2017, 80, 147-170.	0.3	9
11	Economic Optimization of Component Sizing for Residential Battery Storage Systems. Energies, 2017, 10, 835.	1.6	132
12	Economics of Residential Photovoltaic Battery Systems in Germany: The Case of Tesla's Powerwall. Batteries, 2016, 2, 14.	2.1	115
13	Fundamentals of Using Battery Energy Storage Systems to Provide Primary Control Reserves in Germany. Batteries, 2016, 2, 29.	2.1	81
14	Lithium-ion Battery Cost Analysis in PV-household Application. Energy Procedia, 2015, 73, 37-47.	1.8	104