

Jeffery Allen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8529250/publications.pdf>

Version: 2024-02-01

11
papers

134
citations

1478505
6
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Blade planform design optimization to enhance turbine wake control. <i>Wind Energy</i> , 2022, 25, 811-830.	4.2	4
2	MATBOX: An Open-source Microstructure Analysis Toolbox for microstructure generation, segmentation, characterization, visualization, correlation, and meshing. <i>SoftwareX</i> , 2022, 17, 100915.	2.6	12
3	A Comprehensive Understanding of the Aging Effects of Extreme Fast Charging on High Ni NMC Cathode. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	32
4	A Segregated Approach for Modeling the Electrochemistry in the 3-D Microstructure of Li-Ion Batteries and Its Acceleration Using Block Preconditioners. <i>Journal of Scientific Computing</i> , 2021, 86, 1.	2.3	6
5	Quantifying the influence of charge rate and cathode-particle architectures on degradation of Li-ion cells through 3D continuum-level damage models. <i>Journal of Power Sources</i> , 2021, 512, 230415.	7.8	34
6	A generalized poroelastic model using FEniCS with insights into the Noordbergum effect. <i>Computers and Geosciences</i> , 2020, 135, 104399.	4.2	15
7	An Unsteady Actuator Line Solver to Enable Adjoint Sensitivity Studies for Wake Steering. <i>Journal of Physics: Conference Series</i> , 2020, 1618, 042038.	0.4	2
8	Wind Farm Simulation and Layout Optimization in Complex Terrain. <i>Journal of Physics: Conference Series</i> , 2020, 1452, 012066.	0.4	6
9	Exploring basal sliding with a fluidity-based, ice-sheet model using FOSLS. <i>Numerical Linear Algebra With Applications</i> , 2018, 25, e2161.	1.6	2
10	A Fluidity-Based First-Order System Least-Squares Method for Ice Sheets. <i>SIAM Journal of Scientific Computing</i> , 2017, 39, B352-B374.	2.8	1
11	Modeling the WorldView-derived seasonal velocity evolution of Kennicott Glacier, Alaska. <i>Journal of Glaciology</i> , 2016, 62, 763-777.	2.2	20