

Vijay Mohan Nagulapati

List of Publications by Year in descending order

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9
papers

139
citations

1307594

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1474206

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9
all docs

9
docs citations

9
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity estimation of batteries: Influence of training dataset size and diversity on data driven prognostic models. Reliability Engineering and System Safety, 2021, 216, 108048.	8.9	43
2	A novel combined multi-battery dataset based approach for enhanced prediction accuracy of data driven prognostic models in capacity estimation of lithium ion batteries. Energy and AI, 2021, 5, 100089.	10.6	25
3	Hybrid CFD-neural networks technique to predict circulating fluidized bed reactor riser hydrodynamics. Journal of Cleaner Production, 2022, 337, 130490.	9.3	18
4	Effect of binders and additives to tailor the electrochemical performance of Sb ₂ Te ₃ -TiC alloy anodes for high-performance sodium-ion batteries. Journal of Industrial and Engineering Chemistry, 2019, 76, 419-428.	5.8	16
5	Enhancing the Electrochemical Performance of SbTe Bimetallic Anodes for High-Performance Sodium-Ion Batteries: Roles of the Binder and Carbon Support Matrix. Nanomaterials, 2019, 9, 1134.	4.1	13
6	Novel hybrid binder mixture tailored to enhance the electrochemical performance of SbTe bi-metallic anode for sodium ion batteries. Journal of Electroanalytical Chemistry, 2020, 865, 114160.	3.8	7
7	Hybrid machine learning-based model for solubilities prediction of various gases in deep eutectic solvent for rigorous process design of hydrogen purification. Separation and Purification Technology, 2022, 298, 121651.	7.9	7
8	Demonstration of feasible waste plastic pyrolysis through decentralized biomass heating business model. Journal of Cleaner Production, 2022, 361, 132092.	9.3	5
9	Machine learning based prediction of subcooled bubble condensation behavior, validation with experimental and numerical results. Nuclear Engineering and Design, 2022, 393, 111794.	1.7	5