

# Vijay Mohan Nagulapati

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10249769/publications.pdf>

Version: 2024-02-01

9  
papers

139  
citations

1307594  
7  
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1474206  
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9  
all docs

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docs citations

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times ranked

107  
citing authors

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