Salaisargunan S Paramanantham

List of Publications by Year
in descending order

10 papers	96 citations	1937685 4 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	46 citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional CFD simulation of proton exchange membrane water electrolyser: Performance assessment under different condition. Applied Energy, 2022, 306, 118016.	10.1	27
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	Numerical investigation of single and multiple bubble condensing behaviors in subcooled flow boiling based on homogeneous mixture model. International Journal of Mechanical Sciences, 2018, 136, 220-233.	6.7	18
4	Numerical Analysis of Multi-Phase Flow around Supercavitating Body at Various Cavitator Angle of Attack and Ventilation Mass Flux. Applied Sciences (Switzerland), 2020, 10, 4228.	2.5	5
5	Demonstration of feasible waste plastic pyrolysis through decentralized biomass heating business model. Journal of Cleaner Production, 2022, 361, 132092.	9.3	5
6	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
7	Numerical simulation of vapor volume fraction in a vertical channel under low-pressure conditions. Journal of Mechanical Science and Technology, 2018, 32, 4657-4664.	1.5	4
8	CFD Analysis of Subcooled Flow Boiling in 4 Ã— 4 Rod Bundle. Applied Sciences (Switzerland), 2020, 10, 4559.	2.5	3
9	Numerical Study of Bubble Behavior under Gradient Flows during Subcooled Flow Boiling in Vertical Flow Channel. Symmetry, 2020, 12, 611.	2.2	2
10	Numerical analysis of bubble condensation behavior under high-pressure flow conditions. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 3725-3741.	2.1	2