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List of Publications by Year in descending order

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10
papers

96
citations

1937685

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1372567

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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. <i>Applied Energy</i> , 2022, 306, 118016.	10.1	27
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	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
5	CFD Analysis of Subcooled Flow Boiling in 4 Å– 4 Rod Bundle. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4559.	2.5	3
6	Numerical Analysis of Multi-Phase Flow around Supercavitating Body at Various Cavitator Angle of Attack and Ventilation Mass Flux. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4228.	2.5	5
7	Numerical Study of Bubble Behavior under Gradient Flows during Subcooled Flow Boiling in Vertical Flow Channel. <i>Symmetry</i> , 2020, 12, 611.	2.2	2
8	Numerical analysis of bubble condensation behavior under high-pressure flow conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 3725-3741.	2.1	2
9	Numerical investigation of single and multiple bubble condensing behaviors in subcooled flow boiling based on homogeneous mixture model. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 220-233.	6.7	18
10	Numerical simulation of vapor volume fraction in a vertical channel under low-pressure conditions. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 4657-4664.	1.5	4