

# Huan-Ling Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

302  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

190  
citing authors

#	ARTICLE	IF	CITATIONS
1	The performance management of a Li-ion battery by using tree-like mini-channel heat sinks: Experimental and numerical optimization. <i>Energy</i> , 2019, 189, 116150.	8.8	72
2	An experimental and numerical investigation of heat transfer enhancement in annular microchannel heat sinks. <i>International Journal of Thermal Sciences</i> , 2019, 142, 106-120.	4.9	51
3	Experimental research on the interface lubrication regimes transition of water lubricated bearing. <i>Mechanical Systems and Signal Processing</i> , 2020, 136, 106522.	8.0	37
4	Investigation on effects of Fluid-Structure-Interaction (FSI) on the lubrication performances of water lubricated bearing in primary circuit loop system of nuclear power plant. <i>Annals of Nuclear Energy</i> , 2020, 141, 107355.	1.8	31
5	Virtual assembly planning and assembly-oriented quantitative evaluation of product assemblability. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 71, 483-496.	3.0	28
6	Dynamic characteristics analysis of the hydro-hybrid liquid Sodium lubricated bearing-rotor coupled system in the two-circuit main loop liquid sodium pump system. <i>Annals of Nuclear Energy</i> , 2020, 136, 107059.	1.8	21
7	Effect of Surface Topography and Structural Parameters on the Lubrication Performance of a Water-Lubricated Bearing: Theoretical and Experimental Study. <i>Coatings</i> , 2019, 9, 23.	2.6	17
8	Analysis of the flow noises of the nuclear main pump caused by the high temperature liquid Sodium in the two-circuit main loop liquid Sodium pump system. <i>Annals of Nuclear Energy</i> , 2020, 145, 107550.	1.8	12
9	Enhancing fidelity of virtual assembly by considering human factors. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 83, 873-886.	3.0	11
10	Heat Transfer Performance of a Novel Multi-Baffle-Type Heat Sink. <i>Entropy</i> , 2018, 20, 979.	2.2	7
11	Parametric study and optimization on novel fork-type micro-channel network cooling plates for a Li-ion battery module under high discharge current rates. <i>International Journal of Energy Research</i> , 2021, 45, 17784-17804.	4.5	5
12	Study of the Performance of a Novel Radiator with Three Inlets and One Outlet Based on Topology Optimization. <i>Micromachines</i> , 2021, 12, 594.	2.9	4
13	Automatic visibility evaluation method for application in virtual prototyping environment. <i>International Journal of Computer Integrated Manufacturing</i> , 2019, 32, 960-978.	4.6	3
14	Multi-Objective Optimization of Activation Time and Discharge Time of Thermal Battery Using a Genetic Algorithm Approach. <i>Energies</i> , 2020, 13, 6477.	3.1	3