

Miguel Concheiro Castiãeira

List of Publications by Year in descending order

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papers

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docs citations

16
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	On the width and mean value of bubble size distributions under subcooled flow boiling. <i>Experimental Thermal and Fluid Science</i> , 2021, 124, 110368.	2.7	7
2	Development of a Pattern Recognition Methodology with Thermography and Implementation in an Experimental Study of a Boiler for a WHRS-ORC. <i>Sensors</i> , 2019, 19, 1680.	3.8	1
3	CFD Simulation of the Oral-Nasal Flow Partitioning During a Breathing Cycle Based on the Soft Palate Movement. <i>Smart Innovation, Systems and Technologies</i> , 2018, , 35-45.	0.6	2
4	Effect of heating surface morphology on active site density in subcooled flow nucleated boiling. <i>Experimental Thermal and Fluid Science</i> , 2017, 82, 147-159.	2.7	13
5	On the Application of Image Processing Methods for Bubble Recognition to the Study of Subcooled Flow Boiling of Water in Rectangular Channels. <i>Sensors</i> , 2017, 17, 1448.	3.8	6
6	CFD Transient Simulation of a Breathing Cycle in an Oral-Nasal Extrathoracic Model. <i>Journal of Applied Fluid Mechanics</i> , 2017, 10, 777-784.	0.2	4
7	On the effect of surface roughness and material on the subcooled flow boiling of water: Experimental study and global correlation. <i>Experimental Thermal and Fluid Science</i> , 2015, 64, 114-124.	2.7	28
8	Effect of heating surface morphology on the size of bubbles during the subcooled flow boiling of water at low pressure. <i>International Journal of Heat and Mass Transfer</i> , 2015, 89, 770-782.	4.8	23
9	Numerical study of the impact of windblown sand particles on a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 145, 87-93.	3.9	41
10	Aerodynamic Simulations of High-Speed Trains for the Technical Specification of Interoperability. <i>International Journal of Railway Technology</i> , 2015, 4, 89-102.	0.3	0
11	Experimental study of soot particle fouling on ribbed plates: Applicability of the critical local wall shear stress criterion. <i>Experimental Thermal and Fluid Science</i> , 2013, 44, 364-373.	2.7	20
12	CFD simulation of a CT scan oral-nasal extrathoracic model. <i>WIT Transactions on Engineering Sciences</i> , 2013, , .	0.0	3
13	CFD implementation and experimental validation of the Chen model for heat transfer in nucleate boiling. , 2013, , .		3
14	CFD Numerical Simulation of HP-EGR Cooler Performance Under Pulsating Engine Conditions. , 0, , .		0
15	Aerodynamic Simulations of High-Speed Trains. , 0, , .		1