

Christophe Josset

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

333
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive fluid flow topology optimization with the multi-relaxation time lattice Boltzmann method and a level-set function. <i>Journal of Computational Physics</i> , 2020, 409, 109252.	3.8	19
2	Comprehensive review of pure vapour condensation outside of horizontal smooth tubes. <i>Nuclear Engineering and Design</i> , 2019, 349, 92-108.	1.7	23
3	Topology optimization of thermal fluid flows with an adjoint Lattice Boltzmann Method. <i>Journal of Computational Physics</i> , 2018, 365, 376-404.	3.8	41
4	Prediction or hydraulic performance of shell-and-tube heat exchanger: comparison of 1D and CFD-porous media approaches. <i>MATEC Web of Conferences</i> , 2018, 240, 02008.	0.2	1
5	Multiphysics modeling and optimization of the driving strategy of a light duty fuel cell vehicle. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26943-26955.	7.1	18
6	Comparison between unique and coalesced water drops in micro-explosions scanned by differential calorimetry. <i>International Journal of Heat and Mass Transfer</i> , 2016, 95, 689-692.	4.8	44
7	Distribution of thermal energy of child-droplets issued from an optimal micro-explosion. <i>International Journal of Heat and Mass Transfer</i> , 2014, 77, 1043-1054.	4.8	64
8	Experimental study of the water in oil emulsions features by differential scanning calorimetry analysis. <i>Applied Energy</i> , 2012, 97, 834-840.	10.1	16
9	Design and testing of a fuel cell powertrain with energy constraints. <i>Energy</i> , 2012, 38, 414-424.	8.8	18
10	Light-duty fuel-cell vehicle designed for energetic races. High efficiency power converter design. <i>European Journal of Electrical Engineering</i> , 2012, 15, 39-61.	0.3	5
11	EFFECT OF DISPERSED WATER DROPLET SIZE IN MICROEXPLOSION PHENOMENON FOR WATER IN OIL EMULSION. <i>Atomization and Sprays</i> , 2010, 20, 791-799.	0.8	84