Christophe Josset

List of Publications by Year
in descending order

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