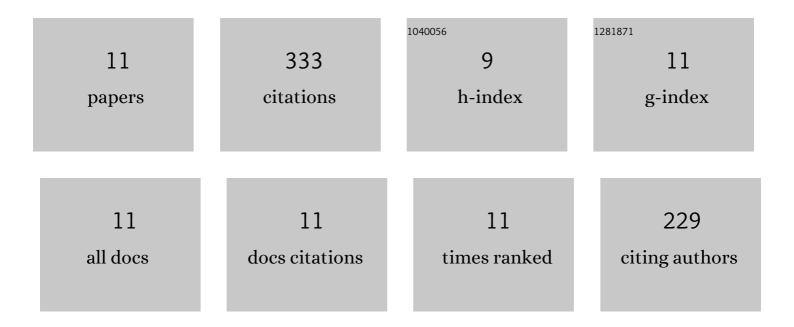
Christophe Josset

List of Publications by Year in descending order

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CHRISTORNE LOSSET

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | Comprehensive review of pure vapour condensation outside of horizontal smooth tubes. Nuclear Engineering and Design, 2019, 349, 92-108. | 1.7 | 23 |
| 3 | Topology optimization of thermal fluid flows with an adjoint Lattice Boltzmann Method. Journal of Computational Physics, 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. MATEC Web of Conferences, 2018, 240, 02008. | 0.2 | 1 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Experimental study of the water in oil emulsions features by differential scanning calorimetry analysis. Applied Energy, 2012, 97, 834-840. | 10.1 | 16 |
| 9 | Design and testing of a fuel cell powertrain with energy constraints. Energy, 2012, 38, 414-424. | 8.8 | 18 |
| 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 | EFFECT OF DISPERSED WATER DROPLET SIZE IN MICROEXPLOSION PHENOMENON FORWATER IN OIL EMULSION. Atomization and Sprays, 2010, 20, 791-799. | 0.8 | 84 |