Pierre Proulx

List of Publications by Year
in descending order

9 papers	**435** citations	1307594 **7** h-index	1588992 **8** g-index
11 all docs	**11** docs citations	**11** times ranked	**387** citing authors

#	ARTICLE	IF	CITATIONS
1	A two-temperature model of the inductively coupled rf plasma. Journal of Applied Physics, 1987, 61, 1753-1760.	2.5	149
2	Three-dimensional mathematical modeling of dispersed two-phase flow using class method of population balance in bubble columns. Computers and Chemical Engineering, 2008, 32, 3224-3237.	3.8	93
3	Production of Nanoparticles in Thermal Plasmas: A Model Including Evaporation, Nucleation, Condensation, and Fractal Aggregation. Journal of Thermal Spray Technology, 2008, 17, 533-550.	3.1	69
4	AN ANALYSIS OF THE COMPUTER MODELING OF THE FLOW AND TEMPERATURE FIELDS IN AN INDUCTIVELY COUPLED PLASMA. Numerical Heat Transfer, 1985, 8, 187-201.	0.5	46
5	Effect of the Coil Angle in an Inductively Coupled Plasma Torch: A Novel Two-Dimensional Model. Plasma Chemistry and Plasma Processing, 2003, 23, 245-263.	2.4	31
6	Optimization of an industrial heat exchanger using an open-source CFD code. Applied Thermal Engineering, 2014, 69, 241-250.	6.0	31
7	Modelling of Bubbly Flow Using CFD-PBM Solver in OpenFOAM: Study of Local Population Balance Models and Extended Quadrature Method of Moments Applications. ChemEngineering, 2018, 2, 8.	2.4	11
8	Hydrodynamics of Bubble Columns: Turbulence and Population Balance Model. ChemEngineering, 2018, 2, 12.	2.4	5
9	Modeling of Non-Newtonian Flow in an Inverted Cone Foam Breaker. International Journal of Chemical Reactor Engineering, 2020, 18, .	1.1	0