

Vincent Le Chenadec

List of Publications by Year in descending order

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papers

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208
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjoint-based sensitivity analysis of steady char burnout. <i>Combustion Theory and Modelling</i> , 2021, 25, 96-120.	1.9	8
2	Monolithic Solvers for Incompressible Two-Phase Flows at Large Density and Viscosity Ratios. <i>Fluids</i> , 2021, 6, 23.	1.7	5
3	Control and Optimization of Interfacial Flows Using Adjoint-Based Techniques. <i>Fluids</i> , 2020, 5, 156.	1.7	6
4	Analysis of degenerate mechanisms triggering finite-amplitude thermo-acoustic oscillations in annular combustors. <i>Journal of Fluid Mechanics</i> , 2019, 881, 384-419.	3.4	5
5	Direct numerical simulation of a turbulent hydraulic jump: turbulence statistics and air entrainment. <i>Journal of Fluid Mechanics</i> , 2016, 797, 60-94.	3.4	58
6	Thermoacoustic instability – a dynamical system and time domain analysis. <i>Journal of Fluid Mechanics</i> , 2014, 753, 448-471.	3.4	27
7	A monotonicity preserving conservative sharp interface flow solver for high density ratio two-phase flows. <i>Journal of Computational Physics</i> , 2013, 249, 185-203.	3.8	48
8	A 3D Unsplit Forward/Backward Volume-of-Fluid Approach and Coupling to the Level Set Method. <i>Journal of Computational Physics</i> , 2013, 233, 10-33.	3.8	60