

Françoise Bataille

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

214
citations

1040056

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbulence statistics in a fully developed channel flow submitted to a high temperature gradient. International Journal of Thermal Sciences, 2013, 74, 104-118.	4.9	40
2	Thermal Large Eddy Simulation in a Very Simplified Geometry of a Solar Receiver. Heat Transfer Engineering, 2012, 33, 505-524.	1.9	36
3	Spectral analysis of turbulence in anisothermal channel flows. Computers and Fluids, 2017, 151, 115-131.	2.5	30
4	Turbulence kinetic energy exchanges in flows with highly variable fluid properties. Journal of Fluid Mechanics, 2018, 834, 5-54.	3.4	28
5	High-temperature gradient effect on a turbulent channel flow using thermal large-eddy simulation in physical and spectral spaces. Journal of Turbulence, 2012, 13, N49.	1.4	21
6	Energy transfer process of anisothermal wall-bounded flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 1520-1526.	2.1	21
7	Analysis of artificial pressure equations in numerical simulations of a turbulent channel flow. Journal of Computational Physics, 2020, 411, 109407.	3.8	14
8	A priori tests of subgrid-scale models in an anisothermal turbulent channel flow at low mach number. International Journal of Thermal Sciences, 2019, 145, 105999.	4.9	12
9	Study of the large-eddy simulation subgrid terms of a low Mach number anisothermal channel flow. International Journal of Thermal Sciences, 2019, 135, 221-234.	4.9	10
10	Artificial compressibility method for strongly anisothermal low Mach number flows. Physical Review E, 2021, 103, 013314.	2.1	2