

Dorian Dupuy

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

161
citations

1039406

9
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral analysis of turbulence in anisothermal channel flows. Computers and Fluids, 2017, 151, 115-131.	1.3	30
2	Turbulence kinetic energy exchanges in flows with highly variable fluid properties. Journal of Fluid Mechanics, 2018, 834, 5-54.	1.4	28
3	Effect of the Reynolds number on turbulence kinetic energy exchanges in flows with highly variable fluid properties. Physics of Fluids, 2019, 31, .	1.6	15
4	Analysis of artificial pressure equations in numerical simulations of a turbulent channel flow. Journal of Computational Physics, 2020, 411, 109407.	1.9	14
5	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.	2.6	12
6	<i>A posteriori</i> tests of subgrid-scale models in an isothermal turbulent channel flow. Physics of Fluids, 2019, 31, .	1.6	12
7	Analysis of the effect of intermittency in a high-pressure turbine blade. Physics of Fluids, 2020, 32, .	1.6	12
8	<i>A posteriori</i> tests of subgrid-scale models in strongly anisothermal turbulent flows. Physics of Fluids, 2019, 31, .	1.6	10
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.	2.6	10
10	Equations of energy exchanges in variable density turbulent flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 327-333.	0.9	9
11	Boundary-condition models of film-cooling holes for large-eddy simulation of turbine vanes. International Journal of Heat and Mass Transfer, 2021, 166, 120763.	2.5	7
12	Artificial compressibility method for strongly anisothermal low Mach number flows. Physical Review E, 2021, 103, 013314.	0.8	2