

G A Gerolymos

List of Publications by Year in descending order

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11
papers

209
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Componentiality of velocity-derivatives in wall turbulence (and algebraic proof of Lumley's triangle). Fluid Dynamics Research, 2019, 51, 045507.	1.3	0
2	Destruction-of-dissipation and time-scales in wall turbulence. Physics of Fluids, 2019, 31, 055103.	4.0	4
3	Correlation coefficients of thermodynamic fluctuations in compressible aerodynamic turbulence. Journal of Fluid Mechanics, 2018, 851, 447-478.	3.4	8
4	Further analysis of the budgets of the dissipation tensor $\{\varepsilon_{ij}\}$ in turbulent plane channel flow. Fluid Dynamics Research, 2017, 49, 045507.	1.3	2
5	The dissipation tensor in wall turbulence. Journal of Fluid Mechanics, 2016, 807, 386-418.	3.4	13
6	Pressure, density, temperature and entropy fluctuations in compressible turbulent plane channel flow. Journal of Fluid Mechanics, 2014, 757, 701-746.	3.4	37
7	Wall effects on pressure fluctuations in turbulent channel flow. Journal of Fluid Mechanics, 2013, 720, 15-65.	3.4	33
8	Performance of very-high-order upwind schemes for DNS of compressible wall-turbulence. International Journal for Numerical Methods in Fluids, 2010, 63, 769-810.	1.6	11
9	Implicit meanflow-multigrid algorithms for Reynolds stress model computation of 3D anisotropy-driven and compressible flows. International Journal for Numerical Methods in Fluids, 2009, 61, 185-219.	1.6	13
10	Mean-Flow-Multigrid for Implicit Reynolds-Stress-Model Computations. AIAA Journal, 2005, 43, 1887-1898.	2.6	30
11	Implicit computation of three-dimensional compressible Navier-Stokes equations using k-epsilon closure. AIAA Journal, 1996, 34, 1321-1330.	2.6	58