

G A Gerolymos

List of Publications by Year in descending order

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papers

209
citations

1163117

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1372567

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11
all docs

11
docs citations

11
times ranked

90
citing authors

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