

JÃ©rÃ©me VÃ©tel

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

255
citations

1163117

8
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1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Material spike formation in highly unsteady separated flows. Journal of Fluid Mechanics, 2020, 883, .	3.4	3
2	Exact theory of material spike formation in flow separation. Journal of Fluid Mechanics, 2018, 845, 51-92.	3.4	8
3	Experimental investigation of unsteady separation in the rotor-oscillator flow. Journal of Fluid Mechanics, 2018, 844, 546-566.	3.4	2
4	Diagnostics of the fluctuating wall shear rate components using an uncalibrated three-segment electrodiffusion sensor. Experiments in Fluids, 2018, 59, 1.	2.4	0
5	An inverse problem to assess the two-component unsteady wall shear rate. International Journal of Thermal Sciences, 2018, 130, 278-288.	4.9	3
6	Towards the detection of moving separation in unsteady flows. Journal of Fluid Mechanics, 2015, 779, 819-841.	3.4	18
7	On the flow separation in the wake of a fixed and a rotating cylinder. Chaos, 2015, 25, 087402.	2.5	8
8	On the use of the finite-time Lyapunov exponent to reveal complex flow physics in the wake of a mechanical valve. Experiments in Fluids, 2014, 55, 1.	2.4	12
9	Experimental investigation of the wall shear stress and the vortex dynamics in a circular impinging jet. Experiments in Fluids, 2012, 52, 1475-1489.	2.4	60
10	Denosing methods for time-resolved PIV measurements. Experiments in Fluids, 2011, 51, 893-916.	2.4	22
11	Vortex identification methods based on temporal signal-processing of time-resolved PIV data. Experiments in Fluids, 2010, 48, 441-459.	2.4	19
12	Lagrangian coherent structures in the human carotid artery bifurcation. Experiments in Fluids, 2009, 46, 1067-1079.	2.4	42
13	Asymmetry and transition to turbulence in a smooth axisymmetric constriction. Journal of Fluid Mechanics, 2008, 607, 351-386.	3.4	56
14	Characterization of a diffuser flow by time-resolved PIV. Journal of Visualization, 2006, 9, 219-226.	1.8	2