

JÃ©rÃ©me VÃ©tel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4691101/publications.pdf>

Version: 2024-02-01

14
papers

255
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

294
citing authors

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