

Olivier Lon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

161
citations

8
h-index

12
g-index

18
ext. papers

206
ext. citations

3.4
avg, IF

2.95
L-index

#	Paper	IF	Citations
17	Analysis of the different sources of stress acting in fully rough turbulent flows over geometrical roughness elements. <i>Physics of Fluids</i> , 2020 , 32, 075107	4.4	7
16	Near-wall aerodynamic response of an acoustic liner to harmonic excitation with grazing flow. <i>Experiments in Fluids</i> , 2019 , 60, 1	2.5	7
15	Exploration of Under-Expanded Free and Impinging Supersonic Jet Flows 2019 , 1163-1170		
14	Global stability and control of the confined turbulent flow past a thick flat plate. <i>Physics of Fluids</i> , 2017 , 29, 024102	4.4	7
13	Non-intrusive measurements of velocity field over a lined wall in a turbulent duct flow for drag impact assessment 2017 ,		2
12	3D reconstruction of a compressible flow by synchronized multi-camera BOS. <i>Experiments in Fluids</i> , 2017 , 58, 1	2.5	17
11	Particle Image Velocimetry Experiment Analysis Using Large-Eddy Simulation: Application to Plasma Actuators. <i>AIAA Journal</i> , 2017 , 55, 3767-3780	2.1	9
10	Measurement of acoustic velocity components in a turbulent flow using LDV and high-repetition rate PIV. <i>Experiments in Fluids</i> , 2017 , 58, 1	2.5	11
9	Experimental study of turbulent-jet wave packets and their acoustic efficiency. <i>Physical Review Fluids</i> , 2017 , 2,	2.8	11
8	Investigation of an impinging heated jet for a small nozzle-to-plate distance and high Reynolds number: An extensive experimental approach. <i>International Journal of Heat and Mass Transfer</i> , 2016 , 102, 801-815	4.9	20
7	Modal analysis of jet near-field pressure fluctuation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2016 , 26, 2000-2012	4.5	1
6	Experimental and numerical response of a high-Reynolds-number . <i>International Journal of Heat and Fluid Flow</i> , 2015 , 56, 1-15	2.4	22
5	PIV and Electric Characterization of a Plasma Synthetic Jet Actuator 2015 ,		6
4	Parabolized Stability Equations analysis of nonlinear interactions with forced eigenmodes to control subsonic jet instabilities. <i>Physics of Fluids</i> , 2015 , 27, 084106	4.4	2
3	Near-field Wavepackets and the Far-field Sound of a Subsonic Jet 2013 ,		24
2	Investigation of the near and far pressure fields of dual-stream jets using an Euler-based PSE model 2013 ,		9
1	Application of the Linear Parabolized Stability Equations to a Subsonic Coaxial Jet 2011 ,		6

