

Marco Raiola

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8495173/publications.pdf>

Version: 2024-02-01

16
papers

275
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-scale interaction in pipe flows at high Reynolds numbers. <i>Experimental Thermal and Fluid Science</i> , 2022, 131, 110529.	2.7	1
2	Pressure from data-driven-estimated velocity fields using snapshot PIV and fast probes. <i>Experimental Thermal and Fluid Science</i> , 2022, , 110647.	2.7	6
3	Data-driven identification of unsteady-aerodynamics phenomena in flapping airfoils. <i>Experimental Thermal and Fluid Science</i> , 2021, 124, 110234.	2.7	3
4	Experimental Assessment of RANS Models for Wind Load Estimation over Solar-Panel Arrays. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2496.	2.5	3
5	Assessing aerodynamic force estimation with experiments and simulations of flapping-airfoil flows on the verge of three-dimensionality. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 428-444.	1.3	4
6	Adaptive ensemble PTV. <i>Measurement Science and Technology</i> , 2020, 31, 085301.	2.6	5
7	Characterization of very-large-scale motions in high-Re pipe flows. <i>Experimental Thermal and Fluid Science</i> , 2019, 104, 1-8.	2.7	19
8	Modal decomposition of flow fields and convective heat transfer maps: An application to wall-proximity square ribs. <i>Experimental Thermal and Fluid Science</i> , 2019, 102, 517-527.	2.7	12
9	Estimation of time-resolved turbulent fields through correlation of non-time-resolved field measurements and time-resolved point measurements. <i>Experimental Thermal and Fluid Science</i> , 2018, 93, 119-130.	2.7	26
10	Smart Rotors: Dynamic-Stall Load Control by Means of an Actuated Flap. <i>AIAA Journal</i> , 2018, 56, 1388-1401.	2.6	16
11	Towards enabling time-resolved measurements of turbulent convective heat transfer maps with IR thermography and a heated thin foil. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 199-209.	4.8	14
12	POD-based background removal for particle image velocimetry. <i>Experimental Thermal and Fluid Science</i> , 2017, 80, 181-192.	2.7	102
13	Smart rotor: controlling dynamic stall by means of an actuated flap. , 2016, , .		0
14	Wake of tandem cylinders near a wall. <i>Experimental Thermal and Fluid Science</i> , 2016, 78, 354-369.	2.7	14
15	Low order modeling of forces and flow features in flapping wings. , 2016, , .		0
16	On PIV random error minimization with optimal POD-based low-order reconstruction. <i>Experiments in Fluids</i> , 2015, 56, 1.	2.4	50