

Marco Raiola

List of Publications by Year in descending order

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16
papers

275
citations

1163117

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1058476

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all docs

16
docs citations

16
times ranked

253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | POD-based background removal for particle image velocimetry. <i>Experimental Thermal and Fluid Science</i> , 2017, 80, 181-192. | 2.7 | 102 |
| 2 | On PIV random error minimization with optimal POD-based low-order reconstruction. <i>Experiments in Fluids</i> , 2015, 56, 1. | 2.4 | 50 |
| 3 | 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 |
| 4 | 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 |
| 5 | Smart Rotors: Dynamic-Stall Load Control by Means of an Actuated Flap. <i>AIAA Journal</i> , 2018, 56, 1388-1401. | 2.6 | 16 |
| 6 | Wake of tandem cylinders near a wall. <i>Experimental Thermal and Fluid Science</i> , 2016, 78, 354-369. | 2.7 | 14 |
| 7 | 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 |
| 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 | 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 |
| 10 | Adaptive ensemble PTV. <i>Measurement Science and Technology</i> , 2020, 31, 085301. | 2.6 | 5 |
| 11 | 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 |
| 12 | Data-driven identification of unsteady-aerodynamics phenomena in flapping airfoils. <i>Experimental Thermal and Fluid Science</i> , 2021, 124, 110234. | 2.7 | 3 |
| 13 | Experimental Assessment of RANS Models for Wind Load Estimation over Solar-Panel Arrays. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2496. | 2.5 | 3 |
| 14 | Inter-scale interaction in pipe flows at high Reynolds numbers. <i>Experimental Thermal and Fluid Science</i> , 2022, 131, 110529. | 2.7 | 1 |
| 15 | Smart rotor: controlling dynamic stall by means of an actuated flap. , 2016, , . | | 0 |
| 16 | Low order modeling of forces and flow features in flapping wings. , 2016, , . | | 0 |