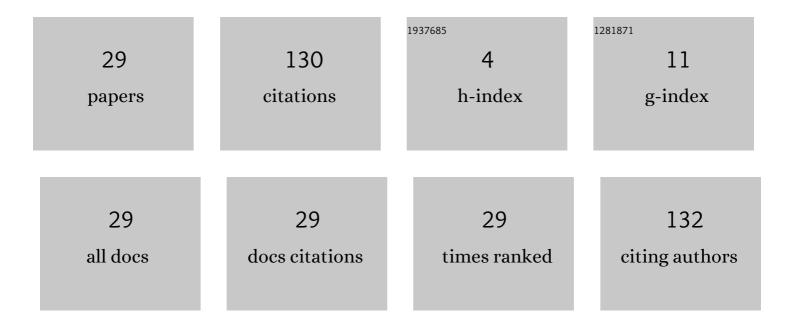
Irma ChacÃ³n

List of Publications by Year in descending order

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Ισμα Chacã3Ν

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Comparison of BEM and CFD results for MEXICO rotor aerodynamics. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 145, 115-122. | 3.9 | 58 |
| 2 | Impacts of Saharan Dust Intrusions on Bacterial Communities of the Low Troposphere. Scientific Reports, 2020, 10, 6837. | 3.3 | 26 |
| 3 | Smart materials applied in a micro remotely piloted aircraft system with morphing wing. Journal of Intelligent Material Systems and Structures, 2018, 29, 3317-3332. | 2.5 | 6 |
| 4 | Columnar vortex generator for flow control over a ski-jump ramp. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 1156-1168. | 2.8 | 5 |
| 5 | Aerodynamic effect of the aircraft carrier island on flight deck flow with cross wind. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2018, 232, 145-154. | 0.5 | 4 |
| 6 | Characterization of the flow around the Mars 2020 Rover. , 2017, , . | | 3 |
| 7 | LDA characterization of the Mars 2020 rover influence on the wind measurements at low Reynolds. , 2018, , . | | 3 |
| 8 | Characterization of an electrostatic filter prototype for bioaerosol flowmetering for INTA Investigation Aerial Platforms. Flow Measurement and Instrumentation, 2019, 68, 101586. | 2.0 | 3 |
| 9 | Optimization of a columnar vortex generator installed over an aircraft carrier ski-jump ramp. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 223-230. | 0.5 | 3 |
| 10 | Aerodynamic Investigation of a Morphing Wing for Micro Air Vehicle by Means of PIV. Fluids, 2020, 5, 191. | 1.7 | 3 |
| 11 | PIV helicopter rotor-ground and rotor-frigate interaction study. , 2020, , . | | 2 |
| 12 | Aerodynamic optimization over helicopter flight-deck of a simplified frigate model using bubble-shaped hangars. , 2020, , . | | 2 |
| 13 | Numerical and Experimental Study of Aerodynamic Performances of a Morphing Micro Air Vehicle. Applied Mechanics, 2021, 2, 442-461. | 1.5 | 2 |
| 14 | 3D Backward-Facing Step Flow Structure Modification with Plasma Actuators. International Review of Aerospace Engineering, 2017, 10, 14. | 0.3 | 2 |
| 15 | Aerodynamic Flow Field above the Flight Deck of an Aircraft Carrier and its Influence on the Take-Off Performances. , 2018, , . | | 1 |
| 16 | Study of Aerodynamic Performances of a Biologically Inspired Micro-UAV by Wind Tunnel Testing. , 2019, , . | | 1 |
| 17 | Development and characterization of a low-cost wind tunnel balance for aerodynamic drag measurements. European Journal of Physics, 2019, 40, 045002. | 0.6 | 1 |
| 18 | Model of the flow on Columnar vortex generator. Fluid Dynamics Research, 2020, 52, 025506. | 1.3 | 1 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Boundary layer of the aerial platform probe section in C-212. , 2020, , . | | 1 |
| 20 | Mars 2020ÂWind Velocity Measurement Interferences at High Reynolds Numbers. Journal of Spacecraft and Rockets, 2020, 57, 354-363. | 1.9 | 1 |
| 21 | Basis of a Bubble Air Filter to be Embarked in Aerial Investigation Platforms. , 2020, , . | | 1 |
| 22 | Flow Control Devices in Cities for Urban Air Mobility. , 2020, , . | | 1 |
| 23 | Interferences in the Wind Velocities Measurements in the Mars 2020 Rover at High Reynolds number. , 2019, , . | | Ο |
| 24 | Experimental Determination of Profile and Induced Drag Components in a Biomimetic Design MAV with Grids. , 2019, , . | | 0 |
| 25 | Balance measurements on a frigate type ship model. Ocean Engineering, 2020, 213, 107784. | 4.3 | Ο |
| 26 | Fourier series applied to the Calibration Functions of Mars 2020 rover wind measurements at high Reynolds. , 2020, , . | | 0 |
| 27 | Analysis of the tip vortex in the wake of a bioinspired morphing MAV. , 2020, , . | | Ο |
| 28 | Flow Separation Control with a Plasma Actuator Over a Metallic NACA 4418. International Review of Aerospace Engineering, 2017, 10, 308. | 0.3 | 0 |
| 29 | Selection Criteria for Biplane Wing Geometries by Means of 2D Wind Tunnel Tests. Applied Mechanics, 2022 3, 628-648 | 1.5 | О |