

Esteban Valencia

List of Publications by Year in descending order

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18
papers

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docs citations

18
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Series and Parallel Hybrid Propulsion Systems for UAVs Implementing Distributed Propulsion Architectures. <i>Aerospace</i> , 2022, 9, 63.	2.2	4
2	Wetland monitoring technification for the Ecuadorian Andean region based on a multi-agent framework. <i>Heliyon</i> , 2022, 8, e09054.	3.2	4
3	A Case Study: Sediment Erosion in Francis Turbines Operated at the San Francisco Hydropower Plant in Ecuador. <i>Energies</i> , 2022, 15, 8.	3.1	4
4	A CAD-free methodology for volume and mass properties computation of 3-D lifting surfaces and wing-box structures. <i>Aerospace Science and Technology</i> , 2021, 108, 106378.	4.8	4
5	Propulsion Sizing Correlations for Electrical and Fuel Powered Unmanned Aerial Vehicles. <i>Aerospace</i> , 2021, 8, 171.	2.2	9
6	Test-bench Development for the Efficiency Analysis of UAV Motor-Propeller Sets. , 2021, , .		0
7	Development of a Programming Code for Image Processing of Nodular Cast Iron. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 327-334.	0.6	0
8	Reconstruction methodology of a Francis runner blade using numerical tools. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1237-1247.	1.5	6
9	Novel fan configuration for distributed propulsion systems with boundary layer ingestion on an hybrid wing body airframe. <i>Thermal Science and Engineering Progress</i> , 2020, 18, 100515.	2.7	10
10	Scale-Adaptive Simulation of Unsteady Cavitation Around a Naca66 Hydrofoil. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3696.	2.5	16
11	Discretized Miller approach to assess effects on boundary layer ingestion induced distortion. <i>Chinese Journal of Aeronautics</i> , 2017, 30, 235-248.	5.3	15
12	Methodology for Weight and Performance Assessment of an UAV for Precision Agriculture at Cruise Condition. , 2017, , .		4
13	Innovative Propulsion Systems and CFD Simulation for Fixed Wings UAVs. , 2017, , .		2
14	Methodology for the Assessment of Distributed Propulsion Configurations with Boundary Layer Ingestion Using the Discretized Miller Approach. <i>International Review of Aerospace Engineering</i> , 2017, 10, 174.	0.3	3
15	Design point analysis of a distributed propulsion system with boundary layer ingestion implemented in UAV's for agriculture in the Andean region. , 2016, , .		6
16	Design point analysis of the turbofan-driven turboelectric distributed propulsion system with boundary layer ingestion. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2016, 230, 1139-1149.	1.3	5
17	Study of Partial Cavitation on a Plane-Convex Hydrofoil With Mesh Development by Using GMSH Free Software. , 2015, , .		0
18	Wetland Monitoring Using Unmanned Aerial Vehicles with Electrical Distributed Propulsion Systems. , 0, , .		5