

Maurizio Arena

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

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citations

1163117

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all docs

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docs citations

19
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration Response Aspects of a Main Landing Gear Composite Door Designed for High-Speed Rotorcraft. <i>Aerospace</i> , 2021, 8, 52.	2.2	14
2	Vibration Parameters for Impact Detection of Composite Panel: A Neural Network Based Approach. <i>Journal of Composites Science</i> , 2021, 5, 185.	3.0	1
3	Bidimensional Ray Tracing Model for the Underwater Noise Propagation Prediction. <i>Fluids</i> , 2021, 6, 19.	1.7	1
4	SISO Piezo Based Circuit Development for Active Structural Vibration Control. <i>Fluids</i> , 2020, 5, 183.	1.7	1
5	Strain State Detection in Composite Structures: Review and New Challenges. <i>Journal of Composites Science</i> , 2020, 4, 60.	3.0	20
6	Different Methods of Dispersing Carbon Nanotubes in Epoxy Resin and Initial Evaluation of the Obtained Nanocomposite as a Matrix of Carbon Fiber Reinforced Laminate in Terms of Vibroacoustic Performance and Flammability. <i>Materials</i> , 2019, 12, 2998.	2.9	22
7	Multifunctional Performance of a Nano-Modified Fiber Reinforced Composite Aeronautical Panel. <i>Materials</i> , 2019, 12, 869.	2.9	19
8	Static and Dynamic Performance of a Morphing Trailing Edge Concept with High-Damping Elastomeric Skin. <i>Aerospace</i> , 2019, 6, 22.	2.2	10
9	Aero-servo-elastic design of a morphing wing trailing edge system for enhanced cruise performance. <i>Aerospace Science and Technology</i> , 2019, 86, 215-235.	4.8	36
10	Electro-Actuation System Strategy for a Morphing Flap. <i>Aerospace</i> , 2019, 6, 1.	2.2	34
11	Morphing Aileron. , 2018, , 547-582.		2
12	Dynamic performance of self-sensing epoxy resin for aerospace structures. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
13	Acoustic performance assessment of innovative blankets for aeronautical applications. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
14	Numerical and experimental validation of a full scale servo-actuated morphing aileron model. <i>Smart Materials and Structures</i> , 2018, 27, 105034.	3.5	23
15	Thermal degradation and fire properties of epoxy modified resins. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
16	Impact detection method for composite winglets based on neural network implementation. , 2018, , .		4
17	Aeroelastic analysis of an adaptive trailing edge with a smart elastic skin. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
18	Preliminary failure analysis of an innovative morphing flap tailored for large civil aircraft applications. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	Modal stability assessment for a morphing aileron subjected to actuation system failures: Numerical analysis supported by test evidence. , 2016, , .		4