

Stefano Valvano

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

843
citations

361413
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501196
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times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
19	A variable ESL/LW kinematic plate formulation for free-vibration thermoelastic analysis of laminated structures. <i>Journal of Thermal Stresses</i> , 2019, 42, 452-474.	2.0	26
20	An alternative approach for modal analysis of stiffened thin-walled structures with advanced plate elements. <i>European Journal of Mechanics, A/Solids</i> , 2019, 77, 103820.	3.7	24
21	Analytical analysis of sound transmission in passive damped multilayered shells. <i>Composite Structures</i> , 2020, 253, 112742.	5.8	17
22	Sound Transmission Analysis of Viscoelastic Composite Multilayered Shells Structures. <i>Aerospace</i> , 2019, 6, 69.	2.2	15
23	Heat conduction and Thermal Stress Analysis of laminated composites by a variable kinematic MITC9 shell element. <i>Curved and Layered Structures</i> , 2015, 2, .	1.3	14
24	A simultaneous dual-parameter optical fibre single sensor embedded in a glass fibre/epoxy composite. <i>Composite Structures</i> , 2021, 270, 114087.	5.8	11
25	Higher-Order Shell Element for the Static and Free-Vibration Analysis of Sandwich Structures. , 2018, , .		3
26	BCC lattice cell structural characterization. <i>Reports in Mechanical Engineering</i> , 2021, 2, 77-85.	7.7	3
27	Analytical higher-order-theories for noise reduction analysis of viscoelastic composite multilayered shells. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 2629-2636.	2.1	1
28	A Preliminary Study on the Effect of Strut Waviness on the Mechanical Properties of BCC Lattice Unit Cells. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 431-441.	0.4	1
29	Design of multilayered VAT panels by means of higher-order plate elements. <i>CEAS Aeronautical Journal</i> , 2022, 13, 677-688.	1.7	1
30	Modal analysis of stiffened plates with advanced 2D finite element model. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
31	Preface of the "Symposium on Mathematical Problems in Aerospace Science MPAS-2019". <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0