

Riccardo Vescovini

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

865
citations

471509

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all docs

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40
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Sublaminare variable kinematics shell models for functionally graded sandwich panels: Bending and free vibration response. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 15-32.	2.6	6
2	Variable Kinematics Models for Advanced Composite Plates. <i>Advanced Structured Materials</i> , 2022, , 23-34.	0.5	0
3	Nonlinear vibration and instability of a randomly distributed CNT-reinforced composite plate subjected to localized in-plane parametric excitation. <i>Applied Mathematical Modelling</i> , 2022, 101, 453-480.	4.2	9
4	Analysis of Variable Stiffness Panels with Complex Geometries using R-Functions. , 2022, , .		1
5	Meshless Computational Strategy for Higher Order Strain Gradient Plate Models. <i>Mathematical and Computational Applications</i> , 2022, 27, 19.	1.3	2
6	A framework based on physics-informed neural networks and extreme learning for the analysis of composite structures. <i>Computers and Structures</i> , 2022, 265, 106761.	4.4	20
7	Optimization of a Radial Point Interpolation Meshless strategy for strain gradient nanoplates. <i>Engineering Analysis With Boundary Elements</i> , 2022, 140, 70-78.	3.7	10
8	Dynamic response of viscoelastic multiple-core sandwich structures. <i>Journal of Sound and Vibration</i> , 2021, 491, 115753.	3.9	17
9	A semi-analytical framework for nonlinear vibration analysis of variable stiffness plates. <i>Composite Structures</i> , 2021, 269, 113954.	5.8	9
10	A semi-analytical approach for the analysis of variable-stiffness panels with curvilinear stiffeners. <i>International Journal of Solids and Structures</i> , 2020, 188-189, 244-260.	2.7	25
11	Pre-buckling and Buckling Analysis of Variable-Stiffness, Curvilinearly Stiffened Panels. <i>Aerotecnica Missili & Spazio</i> , 2020, 99, 43-52.	0.9	5
12	Efficient post-buckling analysis of variable-stiffness plates using a perturbation approach. <i>Thin-Walled Structures</i> , 2019, 143, 106211.	5.3	26
13	Analysis of multiple-core sandwich cylindrical shells using a sublaminare formulation. <i>Composite Structures</i> , 2019, 225, 111067.	5.8	8
14	A Continuation Procedure for the Quasi-Static Analysis of Materially and Geometrically Nonlinear Structural Problems. <i>Mathematical and Computational Applications</i> , 2019, 24, 94.	1.3	0
15	The Ritz " Sublaminare Generalized Unified Formulation approach for piezoelectric composite plates. <i>International Journal of Smart and Nano Materials</i> , 2018, 9, 34-55.	4.2	8
16	On the application of the Ritz method to free vibration and buckling analysis of highly anisotropic plates. <i>Composite Structures</i> , 2018, 192, 460-474.	5.8	54
17	Thermal Buckling Behaviour of Thin and Thick Variable-Stiffness Panels. <i>Journal of Composites Science</i> , 2018, 2, 58.	3.0	17
18	Buckling and wrinkling of anisotropic sandwich plates. <i>International Journal of Engineering Science</i> , 2018, 130, 136-156.	5.0	47

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19	Thermal buckling response of laminated and sandwich plates using refined 2-D models. Composite Structures, 2017, 176, 313-328.	5.8	24
20	Analysis of Monolithic and Sandwich Panels Subjected To Non-Uniform Thickness-Wise Boundary Conditions. Curved and Layered Structures, 2016, 5, 232-249.	1.3	1
21	Hybrid geometric-dissipative arc-length methods for the quasi-static analysis of delamination problems. Computers and Structures, 2016, 175, 123-133.	4.4	9
22	Fast analysis of non-symmetric panels using semi-analytical techniques. Composites Part B: Engineering, 2016, 99, 48-62.	12.0	1
23	Bending analysis of composite laminated and sandwich structures using sublaminated variable-kinematic Ritz models. Composite Structures, 2016, 155, 45-62.	5.8	46
24	A variable-kinematic model for variable stiffness plates: Vibration and buckling analysis. Composite Structures, 2016, 142, 15-26.	5.8	83
25	A fast procedure for the design of composite stiffened panels. Aeronautical Journal, 2015, 119, 185-201.	1.6	11
26	Static and Dynamic Buckling of a DAEDALOS Composite Panel Including Material Damping. , 2015, , .		0
27	A procedure for the evaluation of damping effects in composite laminated structures. Progress in Aerospace Sciences, 2015, 78, 19-29.	12.1	12
28	Exact refined buckling solutions for laminated plates under uniaxial and biaxial loads. Composite Structures, 2015, 127, 356-368.	5.8	35
29	Assessment of dynamic effects on aircraft design loads: The landing impact case. Progress in Aerospace Sciences, 2015, 78, 131-139.	12.1	11
30	Dynamic finite element simulations of composite stiffened panels with a transverse-isotropic viscoelastic energy dissipation model. Progress in Aerospace Sciences, 2015, 78, 30-38.	12.1	7
31	Semi-analytical buckling analysis of omega stiffened panels under multi-axial loads. Composite Structures, 2015, 120, 285-299.	5.8	26
32	Two-step procedure for fast post-buckling analysis of composite stiffened panels. Computers and Structures, 2013, 128, 38-47.	4.4	37
33	Failure analysis of composite multi-stringer panels using simplified models. Composites Part B: Engineering, 2013, 45, 939-951.	12.0	36
34	Single-mode solution for post-buckling analysis of composite panels with elastic restraints loaded in compression. Composites Part B: Engineering, 2012, 43, 1258-1274.	12.0	30
35	Buckling Analysis and Optimization of Stiffened Composite Flat and Curved Panels. AIAA Journal, 2012, 50, 904-915.	2.6	38
36	Dynamic analysis of composite stiffened panels subjected to compressive load. , 2012, , .		0

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37	Buckling Optimization of Stiffened Composite Flat and Curved Panels. , 2011, , .		0
38	Single-Stringer Compression Specimen for the Assessment of Damage Tolerance of Postbuckled Structures. Journal of Aircraft, 2011, 48, 495-502.	2.4	53
39	Fast Tool for Buckling Analysis and Optimization of Stiffened Panels. Journal of Aircraft, 2009, 46, 2041-2053.	2.4	38
40	Analytical formulation for local buckling and post-buckling analysis of stiffened laminated panels. Thin-Walled Structures, 2009, 47, 318-334.	5.3	103