

Victor M Franco Correia

List of Publications by Citations

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papers

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659
ext. citations

5.5
avg, IF

3.96
L-index

#	Paper	IF	Citations
24	Modelling and design of adaptive composite structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2000 , 185, 325-346	5.7	129
23	Optimal design in vibration control of adaptive structures using a simulated annealing algorithm. <i>Composite Structures</i> , 2006 , 75, 79-87	5.3	52
22	Buckling optimization of composite laminated adaptive structures. <i>Composite Structures</i> , 2003 , 62, 315-324	5.3	37
21	Material distribution and sizing optimization of functionally graded plate-shell structures. <i>Composites Part B: Engineering</i> , 2018 , 142, 263-272	10	35
20	Multiobjective optimization of ceramic-metal functionally graded plates using a higher order model. <i>Composite Structures</i> , 2018 , 183, 146-160	5.3	31
19	Optimal design of piezolaminated structures. <i>Composite Structures</i> , 1999 , 47, 625-634	5.3	31
18	Target Localization in NLOS Environments Using RSS and TOA Measurements. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 1062-1065	5.9	27
17	Refined models for the optimal design of adaptive structures using simulated annealing. <i>Composite Structures</i> , 2001 , 54, 161-167	5.3	26
16	A discrete model for the optimal design of thin composite plate-shell type structures using a two-level approach. <i>Composite Structures</i> , 1995 , 30, 147-157	5.3	23
15	Multiobjective optimization of functionally graded material plates with thermo-mechanical loading. <i>Composite Structures</i> , 2019 , 207, 845-857	5.3	21
14	Buckling and nonlinear response of functionally graded plates under thermo-mechanical loading. <i>Composite Structures</i> , 2018 , 202, 719-730	5.3	20
13	Deformations and stresses of multilayered plates with embedded functionally graded material layers using a layerwise mixed model. <i>Composites Part B: Engineering</i> , 2019 , 156, 274-291	10	19
12	Buckling and geometrically nonlinear analysis of sandwich structures. <i>International Journal of Mechanical Sciences</i> , 2015 , 92, 154-161	5.5	18
11	Higher-order B-spline strip models for laminated composite structures with integrated sensors and actuators. <i>Composite Structures</i> , 2001 , 54, 267-274	5.3	18
10	Active-passive damping in functionally graded sandwich plate/shell structures. <i>Composite Structures</i> , 2018 , 202, 324-332	5.3	16
9	Fully coupled thermo-mechanical analysis of multilayered plates with embedded FGM skins or core layers using a layerwise mixed model. <i>Composite Structures</i> , 2019 , 210, 971-996	5.3	15
8	Buckling behavior of composite and functionally graded material plates. <i>European Journal of Mechanics, A/Solids</i> , 2020 , 80, 103921	3.7	14

7	Multiobjective design optimization of laminated composite plates with piezoelectric layers. <i>Composite Structures</i> , 2017 , 169, 10-20	5.3	13
6	Higher-order finite element models for the static linear and nonlinear behaviour of functionally graded material plate-shell structures. <i>Composite Structures</i> , 2019 , 212, 465-475	5.3	10
5	Optimal Design of Composite Structures with Integrated Piezoelectric Laminae 1999 , 389-408		3
4	Mechanical and thermal buckling of functionally graded axisymmetric shells. <i>Composite Structures</i> , 2021 , 261, 113318	5.3	3
3	Optimization of Metal/Ceramic Functionally Graded Plates Using the Simulated Annealing Algorithm. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 729	2.6	3
2	Vibrations of functionally graded material axisymmetric shells. <i>Composite Structures</i> , 2020 , 248, 112489	5.3	2
1	Free vibrations analysis of composite and hybrid axisymmetric shells. <i>Composite Structures</i> , 2022 , 286, 115267	5.3	