

# Victor M Franco Correia

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

566  
citations

15  
h-index

23  
g-index

24  
ext. papers

659  
ext. citations

5.5  
avg, IF

3.96  
L-index

#	Paper	IF	Citations
24	Free vibrations analysis of composite and hybrid axisymmetric shells. <i>Composite Structures</i> , <b>2022</b> , 286, 115267	5.3	
23	Mechanical and thermal buckling of functionally graded axisymmetric shells. <i>Composite Structures</i> , <b>2021</b> , 261, 113318	5.3	3
22	Optimization of Metal/Ceramic Functionally Graded Plates Using the Simulated Annealing Algorithm. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 729	2.6	3
21	Vibrations of functionally graded material axisymmetric shells. <i>Composite Structures</i> , <b>2020</b> , 248, 112489	5.3	2
20	Buckling behavior of composite and functionally graded material plates. <i>European Journal of Mechanics, A/Solids</i> , <b>2020</b> , 80, 103921	3.7	14
19	Deformations and stresses of multilayered plates with embedded functionally graded material layers using a layerwise mixed model. <i>Composites Part B: Engineering</i> , <b>2019</b> , 156, 274-291	10	19
18	Higher-order finite element models for the static linear and nonlinear behaviour of functionally graded material plate-shell structures. <i>Composite Structures</i> , <b>2019</b> , 212, 465-475	5.3	10
17	Fully coupled thermo-mechanical analysis of multilayered plates with embedded FGM skins or core layers using a layerwise mixed model. <i>Composite Structures</i> , <b>2019</b> , 210, 971-996	5.3	15
16	Multiobjective optimization of functionally graded material plates with thermo-mechanical loading. <i>Composite Structures</i> , <b>2019</b> , 207, 845-857	5.3	21
15	Material distribution and sizing optimization of functionally graded plate-shell structures. <i>Composites Part B: Engineering</i> , <b>2018</b> , 142, 263-272	10	35
14	Active-passive damping in functionally graded sandwich plate/shell structures. <i>Composite Structures</i> , <b>2018</b> , 202, 324-332	5.3	16
13	Buckling and nonlinear response of functionally graded plates under thermo-mechanical loading. <i>Composite Structures</i> , <b>2018</b> , 202, 719-730	5.3	20
12	Multiobjective optimization of ceramic-metal functionally graded plates using a higher order model. <i>Composite Structures</i> , <b>2018</b> , 183, 146-160	5.3	31
11	Target Localization in NLOS Environments Using RSS and TOA Measurements. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 1062-1065	5.9	27
10	Multiobjective design optimization of laminated composite plates with piezoelectric layers. <i>Composite Structures</i> , <b>2017</b> , 169, 10-20	5.3	13
9	Buckling and geometrically nonlinear analysis of sandwich structures. <i>International Journal of Mechanical Sciences</i> , <b>2015</b> , 92, 154-161	5.5	18
8	Optimal design in vibration control of adaptive structures using a simulated annealing algorithm. <i>Composite Structures</i> , <b>2006</b> , 75, 79-87	5.3	52

7	Buckling optimization of composite laminated adaptive structures. <i>Composite Structures</i> , <b>2003</b> , 62, 315-321	5:3	37
6	Refined models for the optimal design of adaptive structures using simulated annealing. <i>Composite Structures</i> , <b>2001</b> , 54, 161-167	5:3	26
5	Higher-order B-spline strip models for laminated composite structures with integrated sensors and actuators. <i>Composite Structures</i> , <b>2001</b> , 54, 267-274	5:3	18
4	Modelling and design of adaptive composite structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2000</b> , 185, 325-346	5:7	129
3	Optimal design of piezolaminated structures. <i>Composite Structures</i> , <b>1999</b> , 47, 625-634	5:3	31
2	Optimal Design of Composite Structures with Integrated Piezoelectric Laminae <b>1999</b> , 389-408		3
1	A discrete model for the optimal design of thin composite plate-shell type structures using a two-level approach. <i>Composite Structures</i> , <b>1995</b> , 30, 147-157	5:3	23