

Gustavo Vargas-Silva

List of Publications by Year in descending order

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17
papers

138
citations

1478505

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1199594

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17
all docs

17
docs citations

17
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode-displacement method for structural dynamic analysis of bio-inspired structures: A palm-tree stem subject to wind effects. Wood Material Science and Engineering, 2023, 18, 379-393.	2.3	1
2	University accreditations and publication of articles on education in Spain (Acreditaciones) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 292-315.	0.6	0
3	Riveted joints in composites, a practical tool to estimate stresses around the rivet hole. Composite Structures, 2021, 263, 113735.	5.8	7
4	Biomecánica de los Árboles: crecimiento, anatomía y morfología. Madera Bosques, 2019, 25, .	0.2	1
5	Giant stress-impedance (GSI) sensor for diameter evaluation in cylindrical elements. Sensors and Actuators A: Physical, 2018, 269, 269-275.	4.1	12
6	Hands-On Experiences for Problem Solving in Engineering Education Based on Trees and Plants. , 2018, , .		0
7	Greenstick fracture in composite pultruded rods. Composites Part B: Engineering, 2017, 110, 106-115.	12.0	1
8	Analysis of a reversible five-point bending configuration based on a novel two-sense support. Polymer Testing, 2015, 43, 108-122.	4.8	4
9	Analysis of the validity of the three-point off-axis bending method. Applied Mathematical Modelling, 2015, 39, 5265-5277.	4.2	2
10	Fiber optic and KNX sensors network for remote monitoring a new building cladding system. Automation in Construction, 2013, 30, 9-14.	9.8	9
11	Nanostructured composite materials reinforced with nature-based cellulose nanofibres. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
12	Determination of in-plane shear properties by three-point flexure test of $\pm 45^\circ$ anti-symmetric laminates. Polymer Testing, 2011, 30, 204-215.	4.8	15
13	Fiber optic sensor network for monitoring new building cladding systems. Proceedings of SPIE, 2010, , .	0.8	0
14	A new method for determining mode II R-curve by the End-Notched Flexure test. Engineering Fracture Mechanics, 2010, 77, 51-70.	4.3	61
15	Determination of In-plane Shear Strength of Unidirectional Composite Materials Using the Off-axis Three-point Flexure and Off-axis Tensile Tests. Journal of Composite Materials, 2010, 44, 2487-2507.	2.4	16
16	Analysis of In-plane and Out-of-plane Thermo-mechanical Stresses in Un-symmetric Cross-ply Curved Laminated Strips. Journal of Composite Materials, 2009, 43, 3157-3184.	2.4	3
17	Analysis of Thermal Stresses in Unsymmetric Cross-ply Composite Strips. Journal of Composite Materials, 2008, 42, 1247-1266.	2.4	6