

Gustavo Vargas-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

138
citations

1478505

6
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

168
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A new method for determining mode II R-curve by the End-Notched Flexure test. <i>Engineering Fracture Mechanics</i> , 2010, 77, 51-70. | 4.3 | 61 |
| 2 | Determination of In-plane Shear Strength of Unidirectional Composite Materials Using the Off-axis Three-point Flexure and Off-axis Tensile Tests. <i>Journal of Composite Materials</i> , 2010, 44, 2487-2507. | 2.4 | 16 |
| 3 | Determination of in-plane shear properties by three-point flexure test of $\hat{A}\pm 45\hat{A}^\circ$ anti-symmetric laminates. <i>Polymer Testing</i> , 2011, 30, 204-215. | 4.8 | 15 |
| 4 | Giant stress-impedance (GSI) sensor for diameter evaluation in cylindrical elements. <i>Sensors and Actuators A: Physical</i> , 2018, 269, 269-275. | 4.1 | 12 |
| 5 | Fiber optic and KNX sensors network for remote monitoring a new building cladding system. <i>Automation in Construction</i> , 2013, 30, 9-14. | 9.8 | 9 |
| 6 | Riveted joints in composites, a practical tool to estimate stresses around the rivet hole. <i>Composite Structures</i> , 2021, 263, 113735. | 5.8 | 7 |
| 7 | Analysis of Thermal Stresses in Unsymmetric Cross-ply Composite Strips. <i>Journal of Composite Materials</i> , 2008, 42, 1247-1266. | 2.4 | 6 |
| 8 | Analysis of a reversible five-point bending configuration based on a novel two-sense support. <i>Polymer Testing</i> , 2015, 43, 108-122. | 4.8 | 4 |
| 9 | Analysis of In-plane and Out-of-plane Thermo-mechanical Stresses in Un-symmetric Cross-ply Curved Laminated Strips. <i>Journal of Composite Materials</i> , 2009, 43, 3157-3184. | 2.4 | 3 |
| 10 | Analysis of the validity of the three-point off-axis bending method. <i>Applied Mathematical Modelling</i> , 2015, 39, 5265-5277. | 4.2 | 2 |
| 11 | Greenstick fracture in composite pultruded rods. <i>Composites Part B: Engineering</i> , 2017, 110, 106-115. | 12.0 | 1 |
| 12 | Biomecánica de los Árboles: crecimiento, anatomía y morfología. <i>Madera Bosques</i> , 2019, 25, . | 0.2 | 1 |
| 13 | Mode-displacement method for structural dynamic analysis of bio-inspired structures: A palm-tree stem subject to wind effects. <i>Wood Material Science and Engineering</i> , 2023, 18, 379-393. | 2.3 | 1 |
| 14 | Fiber optic sensor network for monitoring new building cladding systems. <i>Proceedings of SPIE</i> , 2010, , . | 0.8 | 0 |
| 15 | University accreditations and publication of articles on education in Spain (<i>Acreditaciones) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 292-315. | 0.6 | 0 |
| 16 | Nanostructured composite materials reinforced with nature-based cellulose nanofibres. <i>WIT Transactions on Ecology and the Environment</i> , 2012, , . | 0.0 | 0 |
| 17 | Hands-On Experiences for Problem Solving in Engineering Education Based on Trees and Plants. , 2018, , . | | 0 |