

Antonio Carlos Acaj Ancelotti Junior

List of Publications by Year in Descending Order

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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.

20
papers

605
citations

14
h-index

22
g-index

22
ext. papers

793
ext. citations

3.3
avg, IF

4.6
L-index

#	Paper	IF	Citations
20	Prepreg aging effects on its properties, curing process and final composite behavior characterized by dynamic mechanical analysis. <i>Journal of Reinforced Plastics and Composites</i> , 2019 , 38, 749-759	2.9	2
19	A sunflower optimization (SFO) algorithm applied to damage identification on laminated composite plates. <i>Engineering With Computers</i> , 2019 , 35, 619-626	4.5	134
18	A multiobjective sensor placement optimization for SHM systems considering Fisher information matrix and mode shape interpolation. <i>Engineering With Computers</i> , 2019 , 35, 519-535	4.5	29
17	A Review of Vibration Based Inverse Methods for Damage Detection and Identification in Mechanical Structures Using Optimization Algorithms and ANN. <i>Archives of Computational Methods in Engineering</i> , 2019 , 26, 883-897	7.8	47
16	Dielectric analysis as a low-complexity methodology for tracking prepreg out-time and its effects on the curing cycle. <i>Journal of Composite Materials</i> , 2019 , 53, 4035-4042	2.7	1
15	Optimized damage identification in CFRP plates by reduced mode shapes and GA-ANN methods. <i>Engineering Structures</i> , 2019 , 181, 111-123	4.7	32
14	A numerical-experimental dynamic analysis of composite sandwich beam with magnetorheological elastomer honeycomb core. <i>Composite Structures</i> , 2019 , 209, 242-257	5.3	47
13	Design Optimization and Development of Tubular Isogrid Composites Tubes for Lower Limb Prosthesis. <i>Applied Composite Materials</i> , 2019 , 26, 273-297	2	10
12	The use of intelligent computational tools for damage detection and identification with an emphasis on composites [A review]. <i>Composite Structures</i> , 2018 , 196, 44-54	5.3	68
11	Thermal, rheological, and dielectric analyses of the polymerization reaction of a liquid thermoplastic resin for infusion manufacturing of composite materials. <i>Polymer Testing</i> , 2018 , 71, 32-37	4.5	13
10	An estimate of the location of multiple delaminations on aeronautical CFRP plates using modal data inverse problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 99, 1155-1174	3.2	15
9	Sensor placement optimization applied to laminated composite plates under vibration. <i>Structural and Multidisciplinary Optimization</i> , 2018 , 58, 2099-2118	3.6	20
8	A numerical-experimental study for structural damage detection in CFRP plates using remote vibration measurements. <i>Journal of Civil Structural Health Monitoring</i> , 2018 , 8, 33-47	2.9	26
7	Study of the influence of initiator content in the polymerization reaction of a thermoplastic liquid resin for advanced composite manufacturing. <i>Advances in Polymer Technology</i> , 2018 , 37, 3579-3587	1.9	11
6	Experimental dynamic analysis of composite sandwich beams with magnetorheological honeycomb core. <i>Engineering Structures</i> , 2018 , 176, 231-242	4.7	44
5	Development of a Simple Dielectric Analysis Module for Online Cure Monitoring of a Commercial Epoxy Resin Formulation. <i>Materials Research</i> , 2017 , 20, 291-297	1.5	22
4	Manufacturing and Characterization of Jute/PP Thermoplastic Commingled Composite. <i>Materials Research</i> , 2017 , 20, 458-465	1.5	15

3	Crashworthiness and Impact Energy Absorption Study Considering the CF/PA Commingled Composite Processing Optimization. <i>Materials Research</i> , 2017 , 20, 792-799	1.5	8
2	Polypropylene Composites Manufactured from Recycled Carbon Fibers from Aeronautic Materials Waste. <i>Materials Research</i> , 2017 , 20, 519-525	1.5	14
1	Artificial neural networks applied to epoxy composites reinforced with carbon and E-glass fibers: Analysis of the shear mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007 , 464, 177-185	5.3	46