

Antonio Carlos Acaj Ancelotti Junior

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8153631/publications.pdf>

Version: 2024-02-01

22
papers

966
citations

471371

17
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	A sunflower optimization (SFO) algorithm applied to damage identification on laminated composite plates. <i>Engineering With Computers</i> , 2019, 35, 619-626.	3.5	244
2	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.	3.1	104
3	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.	6.0	82
4	A numerical-experimental dynamic analysis of composite sandwich beam with magnetorheological elastomer honeycomb core. <i>Composite Structures</i> , 2019, 209, 242-257.	3.1	67
5	Experimental dynamic analysis of composite sandwich beams with magnetorheological honeycomb core. <i>Engineering Structures</i> , 2018, 176, 231-242.	2.6	64
6	Optimized damage identification in CFRP plates by reduced mode shapes and GA-ANN methods. <i>Engineering Structures</i> , 2019, 181, 111-123.	2.6	55
7	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.	3.5	53
8	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.	2.6	51
9	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.	2.0	40
10	Sensor placement optimization applied to laminated composite plates under vibration. <i>Structural and Multidisciplinary Optimization</i> , 2018, 58, 2099-2118.	1.7	36
11	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.	0.6	26
12	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.	2.3	23
13	Polypropylene Composites Manufactured from Recycled Carbon Fibers from Aeronautic Materials Waste. <i>Materials Research</i> , 2017, 20, 519-525.	0.6	22
14	Manufacturing and Characterization of Jute/PP Thermoplastic Commingled Composite. <i>Materials Research</i> , 2017, 20, 458-465.	0.6	22
15	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.	1.5	22
16	Design Optimization and Development of Tubular Isogrid Composites Tubes for Lower Limb Prosthesis. <i>Applied Composite Materials</i> , 2019, 26, 273-297.	1.3	21
17	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.	0.8	19
18	Crashworthiness and Impact Energy Absorption Study Considering the CF/PA Commingled Composite Processing Optimization. <i>Materials Research</i> , 2017, 20, 792-799.	0.6	8

#	ARTICLE	IF	CITATIONS
19	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.	1.6	4
20	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.	1.2	2
21	The effects of residual organic solvent on epoxy: modeling of kinetic parameters by DSC and Borchardt-Daniels method. <i>Polimeros</i> , 2021, 31, .	0.2	1
22	Obtenção das constantes elásticas efetivas sob condição dinâmica de um laminado híbrido para uso aeronáutico. <i>Revista Materia</i> , 2020, 25, .	0.1	0