

Ahmad Ghasemi-Ghalebahman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8054349/publications.pdf>

Version: 2024-02-01

25
papers

294
citations

1039880

9
h-index

887953

17
g-index

25
all docs

25
docs citations

25
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	A position- and time-dependent pressure profile to model viscoelastic mechanical behavior of the brain tissue due to tumor growth. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2023, 26, 660-672.	0.9	0
2	Experimental investigation of fracture toughness of nanoclay reinforced polymer concrete composite: Effect of specimen size and crack angle. <i>Theoretical and Applied Fracture Mechanics</i> , 2022, 117, 103210.	2.1	15
3	Investigation into the shape memory behavior of peanut-pattern auxetic structures. <i>EXPRESS Polymer Letters</i> , 2022, 16, 679-693.	1.1	3
4	Effect of Nanoclay Filler on Fatigue Life of Natural Rubber/Styrene-Butadiene Blend. <i>Advances in Polymer Technology</i> , 2022, 2022, 1-17.	0.8	4
5	An investigation into the tensile and impact strength of hybrid nanocomposites reinforced with graphene, kenaf fiber, and basalt fiber. <i>Journal of Natural Fibers</i> , 2022, 19, 12896-12910.	1.7	1
6	In situ encapsulation technique for fabrication of self-healing thermosetting polyurethane with tungsten (VI) chloride. <i>Polymers for Advanced Technologies</i> , 2021, 32, 789-802.	1.6	1
7	Experimental analysis of mechanical properties of graphene/kenaf/basalt reinforced hybrid nanocomposites using response surface methodology. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	0.8	7
8	Experimental study on mechanical properties of polypropylene nanocomposites reinforced with a hybrid graphene/PP-g-MA/kenaf fiber by response surface methodology. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 1063-1089.	0.7	6
9	Crack initiation detection in crankshaft ductile cast iron based on information entropy of acoustic emission signals under tensile loading. <i>Engineering Failure Analysis</i> , 2021, 127, 105547.	1.8	9
10	Inverse dynamic finite element-optimization modeling of the brain tumor mass-effect using a variable pressure boundary. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 212, 106476.	2.6	7
11	Free vibration of piezoelectric boron nitride nanotube-based composite cylindrical micropanel embedded in an elastic medium subjected to electric potential via modified strain gradient theory. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 2309-2328.	1.1	5
12	Experimental investigation on self-activated healing performance of thermosetting polyurethane prepared by tungsten (VI) chloride catalyst. <i>Materials Research Express</i> , 2020, 7, 035705.	0.8	2
13	Thermal vibration analysis of SMA hybrid composite double curved sandwich panels. <i>Composite Structures</i> , 2019, 224, 111035.	3.1	43
14	Tensile loading rate effect on mechanical properties and failure mechanisms in open-hole carbon fiber reinforced polymer composites by acoustic emission approach. <i>Composites Part B: Engineering</i> , 2019, 158, 448-458.	5.9	60
15	Damage identification in composite laminates using a hybrid method with wavelet transform and finite element model updating. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 815-827.	1.1	7
16	An efficient modal strain energy-based damage detection for laminated composite plates. <i>Advanced Composite Materials</i> , 2018, 27, 147-162.	1.0	18
17	A proper lifting scheme wavelet transform for vibration-based damage identification in composite laminates. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 668-688.	2.6	2
18	Clustering effect on damage mechanisms in open-hole laminated carbon/epoxy composite under constant tensile loading rate, using acoustic emission. <i>Composite Structures</i> , 2018, 204, 1-11.	3.1	41

#	ARTICLE	IF	CITATIONS
19	Identification of mechanical and damage parameters of composite laminates based on a CPAM method. Journal of Reinforced Plastics and Composites, 2018, 37, 1114-1128.	1.6	6
20	Evaluation of size effect on mixed-mode fracture behavior of epoxy/silica nanocomposites. Journal of Strain Analysis for Engineering Design, 2017, 52, 239-248.	1.0	6
21	Sensitivity Analysis of a CPAM Inverse Algorithm for Composite Laminates Characterization. Shock and Vibration, 2017, 2017, 1-14.	0.3	0
22	Damage detection in laminated composite plates via an optimal wavelet selection criterion. Journal of Reinforced Plastics and Composites, 2016, 35, 1761-1775.	1.6	9
23	A fatigue model for sensitive materials to non-proportional loadings. International Journal of Fatigue, 2015, 80, 266-277.	2.8	15
24	Damage-based modification for fatigue life prediction under non-proportional loadings. International Journal of Fatigue, 2015, 77, 86-94.	2.8	12
25	Modeling and Analysis of Frictional Damper Effect on Chatter Suppression in a Slender Endmill Tool. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2011, 5, 115-128.	0.3	15