Ahmad Ghasemi-Ghalebahman

List of Publications by Year
in descending order

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	Tensile loading rate effect on mechanical properties and failure mechanisms in open-hole carbon fiber reinforced polymer composites by acoustic emission approach. Composites Part B: Engineering, 2019, 158, 448-458.	5.9	60
2	Thermal vibration analysis of SMA hybrid composite double curved sandwich panels. Composite Structures, 2019, 224, 111035.	3.1	43
3	Clustering effect on damage mechanisms in open-hole laminated carbon/epoxy composite under constant tensile loading rate, using acoustic emission. Composite Structures, 2018, 204, 1-11.	3.1	41
4	An efficient modal strain energy-based damage detection for laminated composite plates. Advanced Composite Materials, 2018, 27, 147-162.	1.0	18
5	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
6	A fatigue model for sensitive materials to non-proportional loadings. International Journal of Fatigue, 2015, 80, 266-277.	2.8	15
7	Experimental investigation of fracture toughness of nanoclay reinforced polymer concrete composite: Effect of specimen size and crack angle. Theoretical and Applied Fracture Mechanics, 2022, 117, 103210.	2.1	15
8	Damage-based modification for fatigue life prediction under non-proportional loadings. International Journal of Fatigue, 2015, 77, 86-94.	2.8	12
9	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
10	Crack initiation detection in crankshaft ductile cast iron based on information entropy of acoustic emission signals under tensile loading. Engineering Failure Analysis, 2021, 127, 105547.	1.8	9
11	Damage identification in composite laminates using a hybrid method with wavelet transform and finite element model updating. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 815-827.	1.1	7
12	Experimental analysis of mechanical properties of graphene/kenaf/basalt reinforced hybrid nanocomposites using response surface methodology. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	7
13	Inverse dynamic finite element-optimization modeling of the brain tumor mass-effect using a variable pressure boundary. Computer Methods and Programs in Biomedicine, 2021, 212, 106476.	2.6	7
14	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
15	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
16	Experimental study on mechanical properties of polypropylene nanocomposites reinforced with a hybrid graphene/PP-g-MA/kenaf fiber by response surface methodology. Journal of Elastomers and Plastics, 2021, 53, 1063-1089.	0.7	6
17	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. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 2309-2328.	1.1	5
18	Effect of Nanoclay Filler on Fatigue Life of Natural Rubber/Styrene-Butadiene Blend. Advances in Polymer Technology, 2022, 2022, 1-17.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Investigation into the shape memory behavior of peanut-pattern auxetic structures. EXPRESS Polymer Letters, 2022, 16, 679-693.	1.1	3
20	A proper lifting scheme wavelet transform for vibration-based damage identification in composite laminates. Journal of Thermoplastic Composite Materials, 2018, 31, 668-688.	2.6	2
21	Experimental investigation on self-activated healing performance of thermosetting polyurethane prepared by tungsten (VI) chloride catalyst. Materials Research Express, 2020, 7, 035705.	0.8	2
22	In situ encapsulation technique for fabrication of self‐healing thermosetting polyurethane with tungsten (VI) chloride. Polymers for Advanced Technologies, 2021, 32, 789-802.	1.6	1
23	An investigation into the tensile and impact strength of hybrid nanocomposites reinforced with graphene, kenaf fiber, and basalt fiber. Journal of Natural Fibers, 2022, 19, 12896-12910.	1.7	1
24	Sensitivity Analysis of a CPAM Inverse Algorithm for Composite Laminates Characterization. Shock and Vibration, 2017, 2017, 1-14.	0.3	0
25	A position- and time-dependent pressure profile to model viscoelastic mechanical behavior of the brain tissue due to tumor growth. Computer Methods in Biomechanics and Biomedical Engineering, 2023, 26, 660-672.	0.9	0