

Amin Pourasghar

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.

34
papers

619
citations

16
h-index

24
g-index

34
ext. papers

694
ext. citations

3
avg, IF

4.66
L-index

#	Paper	IF	Citations
34	Non-fourier thermal fracture analysis of a griffith interface crack in orthotropic functionally graded coating/substrate structure. <i>Applied Mathematical Modelling</i> , 2022 , 104, 548-566	4.5	2
33	Nonlocal heat conduction in single-walled carbon nanotubes. <i>Polymer Composites</i> , 2021 , 42, 3418-3426	3	2
32	Nonlocal fracture analysis of an interface crack between a functionally graded coating and a homogeneous substrate under thermal loading. <i>Composite Structures</i> , 2021 , 257, 113096	5.3	2
31	Thermoviscoelastic fracture analysis of a cracked orthotropic fiber reinforced composite strip by the dual-phase-lag theory. <i>Composite Structures</i> , 2021 , 258, 113194	5.3	2
30	Large deformation behavior of functionally graded porous curved beams in thermal environment. <i>Archive of Applied Mechanics</i> , 2021 , 91, 2255-2278	2.2	5
29	Dual-phase-lag heat conduction in the composites by introducing a new application of DQM. <i>Heat and Mass Transfer</i> , 2020 , 56, 1171-1177	2.2	6
28	Heat waves interference regarding dual-phase-lag, hyperbolic and Fourier heat conduction in CNT reinforced composites under a thermal shock. <i>Waves in Random and Complex Media</i> , 2020 , 1-17	1.9	3
27	Nonlinear vibration and modal analysis of FG nanocomposite sandwich beams reinforced by aggregated CNTs. <i>Polymer Engineering and Science</i> , 2019 , 59, 1362-1370	2.3	10
26	Dual-phase-lag heat conduction in FG carbon nanotube reinforced polymer composites. <i>Physica B: Condensed Matter</i> , 2019 , 564, 147-156	2.8	5
25	Effect of hyperbolic heat conduction on the linear and nonlinear vibration of CNT reinforced size-dependent functionally graded microbeams. <i>International Journal of Engineering Science</i> , 2019 , 137, 57-72	5.7	43
24	Hyperbolic heat conduction and thermoelastic solution of functionally graded CNT reinforced cylindrical panel subjected to heat pulse. <i>International Journal of Solids and Structures</i> , 2019 , 163, 117-129	2.1	23
23	Three-dimensional analysis of carbon nanotube-reinforced cylindrical shells with temperature-dependent properties under thermal environment. <i>Polymer Composites</i> , 2018 , 39, 1161-1171	2.1	17
22	Vibrational behavior of non-uniform piezoelectric sandwich beams made of CNT-reinforced polymer nanocomposite by considering the agglomeration effect of CNTs. <i>Polymer Composites</i> , 2017 , 38, E553-E562	3	11
21	Free vibration analysis of functionally graded beams resting on variable elastic foundations using a generalized power-law distribution and GDQ method. <i>Annals of Solid and Structural Mechanics</i> , 2017 , 9, 1-11	0.5	5
20	Differential quadrature based nonlocal flapwise bending vibration analysis of rotating nanobeam using the eringen nonlocal elasticity theory under axial load. <i>Polymer Composites</i> , 2016 , 37, 3175-3180	3	13
19	Dynamic analysis of functionally graded nanocomposite cylinders reinforced by wavy carbon nanotube under an impact load. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 1062-1075	2	22
18	Free vibration analysis and design optimization of nanocomposite-laminated beams using various higher order beam theories and imperialist competitive algorithm. <i>Polymer Composites</i> , 2016 , 37, 2442-2451	2.1	3

17	Thermoelastic response of CNT reinforced cylindrical panel resting on elastic foundation using theory of elasticity. <i>Composites Part B: Engineering</i> , 2016 , 99, 436-444	10	24
16	Free vibration analysis of functionally graded nanocomposite sandwich beams resting on Pasternak foundation by considering the agglomeration effect of CNTs. <i>Journal of Sandwich Structures and Materials</i> , 2015 , 17, 632-665	2.1	27
15	Dynamic stability analysis of functionally graded nanocomposite non-uniform column reinforced by carbon nanotube. <i>JVC/Journal of Vibration and Control</i> , 2015 , 21, 2499-2508	2	15
14	Vibration analysis of functionally graded nanocomposite cylinders reinforced by wavy carbon nanotube based on mesh-free method. <i>Journal of Composite Materials</i> , 2014 , 48, 1901-1913	2.7	23
13	Application of firefly algorithm and ANFIS for optimisation of functionally graded beams. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2014 , 26, 197-209	2	20
12	Application of imperialist competitive algorithm and neural networks to optimise the volume fraction of three-parameter functionally graded beams. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2014 , 26, 1-12	2	20
11	Three-dimensional solution for the vibration analysis of functionally graded multiwalled carbon nanotubes/phenolic nanocomposite cylindrical panels on elastic foundation. <i>Polymer Composites</i> , 2013 , 34, 2040-2048	3	9
10	Eshelby-Mori-Tanaka approach for vibrational behavior of functionally graded carbon nanotube-reinforced plate resting on elastic foundation. <i>Journal of Mechanical Science and Technology</i> , 2013 , 27, 3395-3401	1.6	34
9	Characterizing elastic properties of carbon nanotube-based composites by using an equivalent fiber. <i>Polymer Composites</i> , 2013 , 34, 241-251	3	15
8	Static analysis of functionally graded carbon nanotube-reinforced composite cylinders by a mesh-free method. <i>Journal of Reinforced Plastics and Composites</i> , 2013 , 32, 593-601	2.9	19
7	The effects of carbon nanotube orientation and aggregation on vibrational behavior of functionally graded nanocomposite cylinders by a mesh-free method. <i>Acta Mechanica</i> , 2013 , 224, 2817-2832	2.1	28
6	Three-dimensional free vibration analysis of functionally graded nanocomposite cylindrical panels reinforced by carbon nanotube. <i>Materials & Design</i> , 2013 , 49, 583-590		121
5	Local aggregation effect of CNT on the vibrational behavior of four-parameter continuous grading nanotube-reinforced cylindrical panels. <i>Polymer Composites</i> , 2013 , 34, 707-721	3	33
4	Free vibration analysis of three-parameter functionally graded material sandwich plates resting on Pasternak foundations. <i>Journal of Sandwich Structures and Materials</i> , 2013 , 15, 292-308	2.1	20
3	Effect of the aspect ratio and waviness of carbon nanotubes on the vibrational behavior of functionally graded nanocomposite cylindrical panels. <i>Polymer Composites</i> , 2012 , 33, 2036-2044	3	36
2	Nonlocal thermoelasticity: Transient heat conduction effects on the linear and nonlinear vibration of single-walled carbon nanotubes. <i>Mechanics Based Design of Structures and Machines</i> , 1-17	1.7	1
1	Transient non-Fourier thermoelastic fracture analysis of a cracked orthotropic functionally graded strip. <i>Mathematics and Mechanics of Solids</i> , 108128652110246	2.3	0