

Seyedali Eftekhari

List of Publications by Year in descending order

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papers

538
citations

687220

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27
all docs

27
docs citations

27
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Wave propagation in rotating functionally graded GPL-reinforced cylindrical shells based on the third-order shear deformation theory. <i>Waves in Random and Complex Media</i> , 2023, 33, 345-371.	1.6	11
2	Free vibration analysis of rotating functionally graded GPL-reinforced truncated thick conical shells under different boundary conditions. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3821-3852.	3.4	24
3	Vibration and dynamic analysis of a cantilever sandwich microbeam integrated with piezoelectric layers based on strain gradient theory and surface effects. <i>Applied Mathematics and Computation</i> , 2022, 419, 126867.	1.4	12
4	Hydro-“Hygro-“Thermo-“Magneto-“Electro-elastic wave propagation of axially moving nano-cylindrical shells conveying various magnetic-nano-fluids resting on the electromagnetic-visco-Pasternak medium. <i>Thin-Walled Structures</i> , 2022, 173, 108926.	2.7	8
5	Pareto multi-objective optimization of tandem cold rolling settings for reductions and inter stand tensions using NSGA-II. <i>ISA Transactions</i> , 2022, 130, 399-408.	3.1	31
6	Molecular dynamics simulation of condensation phenomenon of nanofluid on different roughness surfaces in the presence of hydrophilic and hydrophobic structures. <i>Journal of Molecular Liquids</i> , 2021, 334, 116036.	2.3	18
7	A well-trained artificial neural network for predicting the rheological behavior of MWCNT-Al ₂ O ₃ (30-70%)/oil SAE40 hybrid nanofluid. <i>Scientific Reports</i> , 2021, 11, 17696.	1.6	20
8	Investigation of vibrational manner of carbon nanotubes in the vicinity of ultrasonic argon flow using molecular dynamics simulation. <i>Scientific Reports</i> , 2021, 11, 16912.	1.6	0
9	Thermo-hydraulic and economic optimization of Iranol refinery oil heat exchanger with Copper oxide nanoparticles using MOMBO. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 540, 123010.	1.2	30
10	Optimal vibration control of multi-layer micro-beams actuated by piezoelectric layer based on modified couple stress and surface stress elasticity theories. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 546, 123998.	1.2	24
11	Multi-objective optimization of residual stresses and distortion in submerged arc welding process using Genetic Algorithm and Harmony Search. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 862-871.	1.1	17
12	Molecular dynamics simulation of the phase transition process in the atomic scale for Ar/Cu nanofluid on the platinum plates. <i>International Communications in Heat and Mass Transfer</i> , 2020, 117, 104798.	2.9	30
13	Numerical investigation of nonlinear vibration analysis for triple-walled carbon nanotubes conveying viscous fluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 30, 1689-1723.	1.6	6
14	Instabilities of SWCNT conveying laminar, incompressible and viscous fluid flow. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 30, 1773-1794.	1.6	10
15	Spatial buckling analysis of current-carrying nanowires in the presence of a longitudinal magnetic field accounting for both surface and nonlocal effects. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 97, 191-205.	1.3	25
16	INVESTIGATION ON THE EFFECT OF AXIALLY MOVING CARBON NANOTUBE, NANOFLOW, AND KNUDSEN NUMBER ON THE VIBRATIONAL BEHAVIOR OF THE SYSTEM. <i>International Journal of Fluid Mechanics Research</i> , 2018, 45, 171-186.	0.4	13
17	Pull-in instability analysis of rectangular nanoplate based on strain gradient theory considering surface stress effects. <i>Physica B: Condensed Matter</i> , 2017, 519, 1-14.	1.3	38
18	The effect of electrical discharge machining parameters on alloy DIN 1.2080 using the Taguchi method and determinant of optimal design of experiments. <i>Journal of Naval Architecture and Marine Engineering</i> , 2017, 14, 47-64.	0.9	5

#	ARTICLE	IF	CITATIONS
19	ANALYSIS OF TRANSVERSE VIBRATIONAL RESPONSE AND INSTABILITIES OF AXIALLY MOVING CNT CONVEYING FLUID. International Journal of Fluid Mechanics Research, 2017, 44, 115-129.	0.4	15
20	Longitudinal vibration and stability analysis of carbon nanotubes conveying viscous fluid. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 83, 275-283.	1.3	79
21	Longitudinal vibration and instabilities of carbon nanotubes conveying fluid considering size effects of nanoflow and nanostructure. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 83, 164-173.	1.3	85
22	A differential quadrature procedure for linear and nonlinear steady state vibrations of infinite beams traversed by a moving point load. Meccanica, 2016, 51, 2417-2434.	1.2	9
23	Damage detection of an aeroelastic panel using limit cycle oscillation analysis. International Journal of Non-Linear Mechanics, 2014, 58, 99-110.	1.4	14
24	Bifurcation boundary analysis as a nonlinear damage detection feature: does it work?. Journal of Fluids and Structures, 2011, 27, 297-310.	1.5	9
25	Robustness of autonomous underwater vehicle control in variable working conditions. Journal of Marine Science and Technology, 2007, 12, 232-239.	1.3	4
26	Robust control of autonomous underwater vehicles in uncertain operating conditions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 245-250.	0.4	1
27	An Investigation on the Sensitivity of Limit Cycle Oscillations for Detecting Damage in an Aeroelastic Panel. Applied Mechanics and Materials, 0, 110-116, 4424-4432.	0.2	0