

Seyedali Eftekhari

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

538
citations

687220

13
h-index

642610

23
g-index

27
all docs

27
docs citations

27
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal vibration and instabilities of carbon nanotubes conveying fluid considering size effects of nanoflow and nanostructure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 83, 164-173.	1.3	85
2	Longitudinal vibration and stability analysis of carbon nanotubes conveying viscous fluid. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 83, 275-283.	1.3	79
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	A well-trained artificial neural network for predicting the rheological behavior of MWCNT-Al ₂ O ₃ (30%)/oil SAE40 hybrid nanofluid. <i>Scientific Reports</i> , 2021, 11, 17696.	1.6	20
11	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
12	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
13	ANALYSIS OF TRANSVERSE VIBRATIONAL RESPONSE AND INSTABILITIES OF AXIALLY MOVING CNT CONVEYING FLUID. <i>International Journal of Fluid Mechanics Research</i> , 2017, 44, 115-129.	0.4	15
14	Damage detection of an aeroelastic panel using limit cycle oscillation analysis. <i>International Journal of Non-Linear Mechanics</i> , 2014, 58, 99-110.	1.4	14
15	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
16	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
17	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
18	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

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19	Bifurcation boundary analysis as a nonlinear damage detection feature: does it work?. Journal of Fluids and Structures, 2011, 27, 297-310.	1.5	9
20	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
21	Hydroâ€“Hygroâ€“Thermoâ€“Magnetoâ€“Electroâ€“ elastic wave propagation of axially moving nano-cylindrical shells conveying various magnetic-nano-fluids resting on the electromagnetic-visco-Pasternak medium. Thin-Walled Structures, 2022, 173, 108926.	2.7	8
22	Numerical investigation of nonlinear vibration analysis for triple-walled carbon nanotubes conveying viscous fluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 30, 1689-1723.	1.6	6
23	The effect of electrical discharge machining parameters on alloy DIN 1.2080 using the Taguchi method and determinant of optimal design of experiments. Journal of Naval Architecture and Marine Engineering, 2017, 14, 47-64.	0.9	5
24	Robustness of autonomous underwater vehicle control in variable working conditions. Journal of Marine Science and Technology, 2007, 12, 232-239.	1.3	4
25	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
26	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
27	Investigation of vibrational manner of carbon nanotubes in the vicinity of ultrasonic argon flow using molecular dynamics simulation. Scientific Reports, 2021, 11, 16912.	1.6	0