

Ahad Amiri

List of Publications by Year in descending order

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11
papers

176
citations

1307594

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1474206

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11
docs citations

11
times ranked

114
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | On wave dispersion characteristics of fluid-conveying smart nanotubes considering surface elasticity and flexoelectricity approach. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 3506-3518. | 2.1 | 4 |
| 2 | Nonlinear static pull-in instability analysis of smart nano-switch considering flexoelectric and surface effects via DQM. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 7821-7835. | 2.1 | 8 |
| 3 | Vibration and stability analysis of fluid-conveying sandwich micro-pipe with magnetorheological elastomer core, considering modified couple stress theory and geometrical nonlinearity. European Physical Journal Plus, 2021, 136, 1. | 2.6 | 5 |
| 4 | Flutter and bifurcation instability analysis of fluid-conveying micro-pipes sandwiched by magnetostrictive smart layers under thermal and magnetic field. International Journal of Mechanics and Materials in Design, 2020, 16, 569-588. | 3.0 | 17 |
| 5 | Flexoelectric effects on wave propagation responses of piezoelectric nanobeams via nonlocal strain gradient higher order beam model. Materials Research Express, 2019, 6, 1050d5. | 1.6 | 20 |
| 6 | Flexoelectric and surface effects on size-dependent flow-induced vibration and instability analysis of fluid-conveying nanotubes based on flexoelectricity beam model. International Journal of Mechanical Sciences, 2019, 156, 474-485. | 6.7 | 33 |
| 7 | Comprehensive semi-analytical vibration analysis of rotating tapered AFG nanobeams based on nonlocal elasticity theory considering various boundary conditions via differential transformation method. Composites Part B: Engineering, 2019, 160, 412-435. | 12.0 | 31 |
| 8 | Wave propagation in viscous-fluid-conveying piezoelectric nanotubes considering surface stress effects and Knudsen number based on nonlocal strain gradient theory. European Physical Journal Plus, 2018, 133, 1. | 2.6 | 44 |
| 9 | Coupled vibrations of a magneto-electro-elastic micro-diaphragm in micro-pumps. Microfluidics and Nanofluidics, 2016, 20, 1. | 2.2 | 11 |
| 10 | On size-dependent wave propagation of flexoelectric nanoshells interacted with internal moving fluid flow. Waves in Random and Complex Media, 0, , 1-30. | 2.7 | 3 |
| 11 | On size-dependent nonlinear forced dynamics of MRE-cored sandwich micro-pipes in presence of moving flow and harmonic excitation. Mechanics of Advanced Materials and Structures, 0, , 1-20. | 2.6 | 0 |