

Ahad Amiri

List of Publications by Year in descending order

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11
papers

176
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

114
citing authors

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