

Masoud Rahaeifard

List of Publications by Citations

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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.

18
papers

996
citations

15
h-index

18
g-index

18
ext. papers

1,056
ext. citations

4.5
avg, IF

4.37
L-index

#	Paper	IF	Citations
18	Investigation of the size-dependent dynamic characteristics of atomic force microscope microcantilevers based on the modified couple stress theory. <i>International Journal of Engineering Science</i> , 2010 , 48, 1985-1994	5.7	170
17	A strain gradient functionally graded Euler-Bernoulli beam formulation. <i>International Journal of Engineering Science</i> , 2012 , 52, 65-76	5.7	150
16	A nonlinear strain gradient beam formulation. <i>International Journal of Engineering Science</i> , 2011 , 49, 1256-1267	5.7	139
15	Static pull-in analysis of microcantilevers based on the modified couple stress theory. <i>Sensors and Actuators A: Physical</i> , 2011 , 171, 370-374	3.9	113
14	Investigation of the size effects in Timoshenko beams based on the couple stress theory. <i>Archive of Applied Mechanics</i> , 2011 , 81, 863-874	2.2	104
13	Size-dependent pull-in phenomena in nonlinear microbridges. <i>International Journal of Mechanical Sciences</i> , 2012 , 54, 306-310	5.5	58
12	Mechanical behavior analysis of size-dependent micro-scaled functionally graded Timoshenko beams by strain gradient elasticity theory. <i>Composite Structures</i> , 2013 , 102, 72-80	5.3	42
11	A size-dependent model for coupled 3D deformations of nonlinear microbridges. <i>International Journal of Engineering Science</i> , 2016 , 100, 171-182	5.7	37
10	Strain gradient formulation of functionally graded nonlinear beams. <i>International Journal of Engineering Science</i> , 2013 , 65, 49-63	5.7	37
9	Vibration analysis of electrostatically actuated nonlinear microbridges based on the modified couple stress theory. <i>Applied Mathematical Modelling</i> , 2015 , 39, 6694-6704	4.5	26
8	Size dependent thermal buckling and postbuckling of functionally graded circular microplates based on modified couple stress theory. <i>Journal of Thermal Stresses</i> , 2018 , 41, 1-16	2.2	26
7	Nonlinear dynamic analysis of a V-shaped microcantilever of an atomic force microscope. <i>Applied Mathematical Modelling</i> , 2011 , 35, 5903-5919	4.5	25
6	A size-dependent yield criterion. <i>International Journal of Engineering Science</i> , 2014 , 74, 151-161	5.7	24
5	On pull-in instabilities of microcantilevers. <i>International Journal of Engineering Science</i> , 2015 , 87, 23-31	5.7	18
4	Size-dependent dynamic behavior of microcantilevers under suddenly applied DC voltage. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2014 , 228, 896-906	1.3	15
3	Investigation of the fatigue behavior of adhesive bonding of the lithium disilicate glass ceramic with three resin cements using rotating fatigue method. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 61, 62-69	4.1	8
2	Spindle Speed Variation for Regenerative Chatter Suppression in Turning Process With Tool Wear Effect 2010 ,		2

- 1 Vibration control of vehicle suspension system using adaptive critic-based neurofuzzy controller
2009,