

Mohammad Hossein Jalaei

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.

16
papers

503
citations

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h-index

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g-index

16
ext. papers

612
ext. citations

4.5
avg, IF

5.14
L-index

#	Paper	IF	Citations
16	On dynamic instability of magnetically embedded viscoelastic porous FG nanobeam. <i>International Journal of Engineering Science</i> , 2019 , 143, 14-32	5.7	161
15	Transient behavior of an orthotropic graphene sheet resting on orthotropic visco-Pasternak foundation. <i>International Journal of Engineering Science</i> , 2016 , 103, 97-113	5.7	41
14	Vibration of bioliquid-filled microtubules embedded in cytoplasm including surface effects using modified couple stress theory. <i>Journal of Theoretical Biology</i> , 2015 , 367, 29-38	2.3	37
13	A nonlocal strain gradient refined plate theory for dynamic instability of embedded graphene sheet including thermal effects. <i>Composite Structures</i> , 2019 , 220, 209-220	5.3	36
12	Dynamic stability of viscoelastic porous FG nanoplate under longitudinal magnetic field via a nonlocal strain gradient quasi-3D theory. <i>Composites Part B: Engineering</i> , 2019 , 175, 107164	10	34
11	Investigation of the longitudinal magnetic field effect on dynamic response of viscoelastic graphene sheet based on sinusoidal shear deformation theory. <i>Physica B: Condensed Matter</i> , 2017 , 506, 94-104	2.8	29
10	On the dynamic stability of viscoelastic graphene sheets. <i>International Journal of Engineering Science</i> , 2018 , 132, 16-29	5.7	28
9	Shear buckling analysis of functionally graded (FG) carbon nanotube reinforced skew plates with different boundary conditions. <i>Aerospace Science and Technology</i> , 2020 , 99, 105753	4.9	26
8	Investigation of thermal and magnetic field effects on the dynamic instability of FG Timoshenko nanobeam employing nonlocal strain gradient theory. <i>International Journal of Mechanical Sciences</i> , 2019 , 161-162, 105043	5.5	20
7	On viscoelastic transient response of magnetically imperfect functionally graded nanobeams. <i>International Journal of Engineering Science</i> , 2022 , 172, 103629	5.7	17
6	Size-dependent static and dynamic responses of embedded double-layered graphene sheets under longitudinal magnetic field with arbitrary boundary conditions. <i>Composites Part B: Engineering</i> , 2018 , 142, 117-130	10	16
5	Nonlocal dynamic response of embedded single-layered graphene sheet via analytical approach. <i>Journal of Engineering Mathematics</i> , 2016 , 98, 129-144	1.2	15
4	Analytical solution for static and dynamic analysis of magnetically affected viscoelastic orthotropic double-layered graphene sheets resting on viscoelastic foundation. <i>Physica B: Condensed Matter</i> , 2018 , 530, 222-235	2.8	15
3	Dynamic Stability of Temperature-Dependent Graphene Sheet Embedded in an Elastomeric Medium. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 887	2.6	11
2	Application of Heř Variational Iteration Method for Solving Nonlinear BBMB Equations and Free Vibration of Systems. <i>Acta Applicandae Mathematicae</i> , 2009 , 106, 359-367	1.1	10
1	Buckling of carbon nanotube (CNT)-reinforced composite skew plates by the discrete singular convolution method. <i>Acta Mechanica</i> , 2020 , 231, 2565-2587	2.1	7