Mohammad Hossein Jalaei

List of Publications by Year in Descending Order

16 papers	503 citations	13 h-index	16 g-index
16 ext. papers	612 ext. citations	4.5 avg, IF	5.14 L-index

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