

Ali Dabbagh

List of Publications by Year in Descending Order

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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.

57
papers

1,224
citations

20
h-index

33
g-index

58
ext. papers

1,520
ext. citations

3
avg, IF

6.05
L-index

#	Paper	IF	Citations
57	Magneto-/ electro-responsive polymers toward manufacturing, characterization, and biomedical/ soft robotic applications. <i>Applied Materials Today</i> , 2022 , 26, 101306	6.6	14
56	Postbuckling analysis of meta-nanocomposite beams by considering the CNTs agglomeration. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	5
55	Buckling analysis of embedded graphene oxide powder-reinforced nanocomposite shells. <i>Defence Technology</i> , 2021 , 17, 226-233	3	11
54	Thermal buckling analysis of agglomerated multiscale hybrid nanocomposites via a refined beam theory. <i>Mechanics Based Design of Structures and Machines</i> , 2021 , 49, 403-429	1.7	23
53	Vibration analysis of fluid-conveying multi-scale hybrid nanocomposite shells with respect to agglomeration of nanofillers. <i>Defence Technology</i> , 2021 , 17, 212-225	3	7
52	Magnetic field effects on thermally affected propagation of acoustical waves in rotary double-nanobeam systems. <i>Waves in Random and Complex Media</i> , 2021 , 31, 25-45	1.9	15
51	On wave dispersion characteristics of magnetostrictive sandwich nanoplates in thermal environments. <i>European Journal of Mechanics, A/Solids</i> , 2021 , 85, 104130	3.7	20
50	An analytical solution for static stability of multi-scale hybrid nanocomposite plates. <i>Engineering With Computers</i> , 2021 , 37, 545-559	4.5	23
49	Free vibration analysis of multi-scale hybrid nanocomposite plates with agglomerated nanoparticles. <i>Mechanics Based Design of Structures and Machines</i> , 2021 , 49, 487-510	1.7	27
48	Vibration analysis of porous metal foam plates rested on viscoelastic substrate. <i>Engineering With Computers</i> , 2020 , 37, 3727	4.5	10
47	Post-buckling analysis of imperfect multi-scale hybrid nanocomposite beams rested on a nonlinear stiff substrate. <i>Engineering With Computers</i> , 2020 , 1	4.5	11
46	Static stability analysis of agglomerated multi-scale hybrid nanocomposites via a refined theory. <i>Engineering With Computers</i> , 2020 , 37, 2225	4.5	12
45	A machine learning-based model for the estimation of the temperature-dependent moduli of graphene oxide reinforced nanocomposites and its application in a thermally affected buckling analysis. <i>Engineering With Computers</i> , 2020 , 37, 2245	4.5	11
44	Agglomeration Effects on Static Stability Analysis of Multi-Scale Hybrid Nanocomposite Plates. <i>Computers, Materials and Continua</i> , 2020 , 62, 41-64	3.9	15
43	Static stability analysis of multi-scale hybrid agglomerated nanocomposite shells. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-17	1.7	13
42	Magnetorheological elastomer composites: Modeling and dynamic finite element analysis. <i>Composite Structures</i> , 2020 , 254, 112881	5.3	28
41	Vibration analysis of multi-scale hybrid nanocomposite shells by considering nanofillers aggregation. <i>Waves in Random and Complex Media</i> , 2020 , 1-19	1.9	4

40	Thermal vibration analysis of embedded graphene oxide powder-reinforced nanocomposite plates. <i>Engineering With Computers</i> , 2020 , 36, 879-895	4.5	25
39	Viscoelastic wave propagation analysis of axially motivated double-layered graphene sheets via nonlocal strain gradient theory. <i>Waves in Random and Complex Media</i> , 2020 , 30, 157-176	1.9	19
38	Modeling vibration behavior of embedded graphene-oxide powder-reinforced nanocomposite plates in thermal environment. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 48, 217-240	1.7	32
37	Vibration analysis of graphene oxide powder-/carbon fiber-reinforced multi-scale porous nanocomposite beams: A finite-element study. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	26
36	Vibration analysis of porous metal foam shells rested on an elastic substrate. <i>Journal of Strain Analysis for Engineering Design</i> , 2019 , 54, 199-208	1.3	16
35	Vibration analysis of multi-scale hybrid nanocomposite plates based on a Halpin-Tsai homogenization model. <i>Composites Part B: Engineering</i> , 2019 , 173, 106955	10	58
34	A novel porosity-dependent homogenization procedure for wave dispersion in nonlocal strain gradient inhomogeneous nanobeams. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	21
33	Application of the nonlocal strain gradient elasticity on the wave dispersion behaviors of inhomogeneous nanosize beams. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	6
32	Wave dispersion characteristics of heterogeneous nanoscale beams via a novel porosity-based homogenization scheme. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	13
31	Finite element vibration analysis of multi-scale hybrid nanocomposite beams via a refined beam theory. <i>Thin-Walled Structures</i> , 2019 , 140, 304-317	4.7	35
30	Thermo-mechanical wave dispersion analysis of nonlocal strain gradient single-layered graphene sheet rested on elastic medium. <i>Microsystem Technologies</i> , 2019 , 25, 587-597	1.7	4
29	Wave dispersion characteristics of agglomerated multi-scale hybrid nanocomposite beams. <i>Journal of Strain Analysis for Engineering Design</i> , 2019 , 54, 276-289	1.3	18
28	Vibration analysis of magnetically affected graphene oxide-reinforced nanocomposite beams. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 2837-2849	2	28
27	Wave Propagation Responses of Double-Layered Graphene Sheets in Hygrothermal Environment 2019 , 289-307		
26	On thermo-mechanical vibration analysis of multi-scale hybrid composite beams. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 933-945	2	32
25	Thermo-magnetic field effects on the wave propagation behavior of smart magnetostrictive sandwich nanoplates. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	19
24	Wave dispersion characteristics of embedded graphene platelets-reinforced composite microplates. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	10
23	Wave dispersion characteristics of orthotropic double-nanoplate-system subjected to a longitudinal magnetic field. <i>Microsystem Technologies</i> , 2018 , 24, 2929-2939	1.7	7

22	Wave propagation analysis of magnetostrictive sandwich composite nanoplates via nonlocal strain gradient theory. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018 , 232, 4180-4192	1.3	13
21	On wave dispersion characteristics of double-layered graphene sheets in thermal environments. <i>Journal of Electromagnetic Waves and Applications</i> , 2018 , 32, 1869-1888	1.3	15
20	Effect of humid-thermal environment on wave dispersion characteristics of single-layered graphene sheets. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	19
19	Wave propagation in embedded inhomogeneous nanoscale plates incorporating thermal effects. <i>Waves in Random and Complex Media</i> , 2018 , 28, 215-235	1.9	25
18	Wave dispersion characteristics of rotating heterogeneous magneto-electro-elastic nanobeams based on nonlocal strain gradient elasticity theory. <i>Journal of Electromagnetic Waves and Applications</i> , 2018 , 32, 138-169	1.3	24
17	On modeling wave dispersion characteristics of protein lipid nanotubules. <i>Journal of Biomechanics</i> , 2018 , 77, 1-7	2.9	4
16	Nonlocal strain gradient based wave dispersion behavior of smart rotating magneto-electro-elastic nanoplates. <i>Materials Research Express</i> , 2017 , 4, 025003	1.7	47
15	On flexural wave propagation responses of smart FG magneto-electro-elastic nanoplates via nonlocal strain gradient theory. <i>Composite Structures</i> , 2017 , 162, 281-293	5.3	75
14	Wave propagation analysis of smart rotating porous heterogeneous piezo-electric nanobeams. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	24
13	Wave propagation analysis of embedded nanoplates based on a nonlocal strain gradient-based surface piezoelectricity theory. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	19
12	Wave propagation analysis of a size-dependent magneto-electro-elastic heterogeneous nanoplate. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	29
11	Wave dispersion characteristics of axially loaded magneto-electro-elastic nanobeams. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	39
10	A nonlocal strain gradient theory for wave propagation analysis in temperature-dependent inhomogeneous nanoplates. <i>International Journal of Engineering Science</i> , 2016 , 107, 169-182	5.7	234
9	Nonlinear forced vibrations of three-phase nanocomposite shells considering matrix rheological behavior and nano-fiber waviness. <i>Engineering With Computers</i> ,1	4.5	1
8	Wave Propagation Analysis of Smart Nanostructures		9
7	Mechanics of Nanocomposites		13
6	Smart laminates with an auxetic ply rested on visco-Pasternak medium: Active control of the system's oscillation. <i>Engineering With Computers</i> ,1	4.5	1
5	Effect of viscoelastic properties of polymer and wavy shape of the CNTs on the vibrational behaviors of CNT/glass fiber/polymer plates. <i>Engineering With Computers</i> ,1	4.5	6

4	The effects of thermal loadings on wave propagation analysis of multi-scale hybrid composite beams. <i>Waves in Random and Complex Media</i> ,1-24	1.9	1
3	A novel spatial-temporal nonlocal strain gradient theorem for wave dispersion characteristics of FGM nanoplates. <i>Waves in Random and Complex Media</i> ,1-20	1.9	3
2	Wave dispersion in viscoelastic FG nanobeams via a novel spatial-temporal nonlocal strain gradient framework. <i>Waves in Random and Complex Media</i> ,1-23	1.9	4
1	Effects of polymer-viscoelastic properties and curved shape of the CNTs on the dynamic response of hybrid nanocomposite beams. <i>Waves in Random and Complex Media</i> ,1-18	1.9	1