Reza Bahaadini

List of Publications by Year
in descending order

23	723	623734 14	677142 22
papers	citations	h-index	g-index

23	23	23	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On vibration and stability analysis of porous plates reinforced by graphene platelets under aerodynamical loading. Composites Part B: Engineering, 2019, 164, 778-799.	12.0	118
2	Size dependent stability analysis of cantilever micro-pipes conveying fluid based on modified strain gradient theory. International Journal of Engineering Science, 2016, 101, 1-13.	5.0	113
3	On dynamics of nanotubes conveying nanoflow. International Journal of Engineering Science, 2018, 123, 181-196.	5.0	64
4	Stability analysis of thin-walled spinning reinforced pipes conveying fluid in thermal environment. European Journal of Mechanics, A/Solids, 2018, 72, 298-309.	3.7	62
5	Aeroelastic analysis of functionally graded rotating blades reinforced with graphene nanoplatelets in supersonic flow. Aerospace Science and Technology, 2018, 80, 381-391.	4.8	53
6	Dynamic stability of fluid-conveying thin-walled rotating pipes reinforced with functionally graded carbon nanotubes. Acta Mechanica, 2018, 229, 5013-5029.	2.1	40
7	Forced vibrations of fluid-conveyed double piezoelectric functionally graded micropipes subjected to moving load. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	33
8	Vibration Analysis of Functionally Graded Graphene Reinforced Porous Nanocomposite Shells. International Journal of Applied Mechanics, 2019, 11, 1950068.	2.2	31
9	On the stability of spinning thin-walled porous beams. Thin-Walled Structures, 2018, 132, 604-615.	5.3	28
10	Nonlocal, strain gradient and surface effects on vibration and instability of nanotubes conveying nanoflow. Mechanics of Advanced Materials and Structures, 2020, 27, 586-598.	2.6	25
11	Aerothermoelastic flutter analysis of pre-twisted thin-walled rotating blades reinforced with functionally graded carbon nanotubes. European Journal of Mechanics, A/Solids, 2019, 75, 285-306.	3.7	23
12	Application of the Green function method to flow-thermoelastic forced vibration analysis of viscoelastic carbon nanotubes. Microfluidics and Nanofluidics, 2018, 22, 1.	2.2	22
13	Flow-induced vibration and stability analysis of carbon nanotubes based on the nonlocal strain gradient Timoshenko beam theory. JVC/Journal of Vibration and Control, 2019, 25, 203-218.	2.6	21
14	Aeroelastic Flutter Analysis of Thick Porous Plates in Supersonic Flow. International Journal of Applied Mechanics, 2019, 11, 1950096.	2.2	19
15	Vibration analysis of rotating composite blades with piezoelectric layers in hygrothermal environment. European Physical Journal Plus, 2019, 134, 1.	2.6	15
16	An analytical solution for vibration analysis of sandwich plates reinforced with graphene nanoplatelets. Engineering With Computers, 2022, 38, 2107-2123.	6.1	15
17	Dynamic stability of viscoelastic nanotubes conveying pulsating magnetic nanoflow under magnetic field. Engineering With Computers, 2021, 37, 2877-2889.	6.1	11
18	Electromechanical stability analysis of smart double-nanobeam systems. European Physical Journal Plus, 2019, 134, 1.	2.6	7

#	Article	IF	Citations
19	Structural instability of non-conservative functionally graded micro-beams tunable with piezoelectric layers. Journal of Intelligent Material Systems and Structures, 2019, 30, 593-605.	2.5	6
20	Static and Dynamic Analyses of Nanocomposite Plates in Mechanical and Aerodynamic Loading. International Journal of Applied Mechanics, 2020, 12, 2050034.	2.2	6
21	Aeroelastic flutter analysis of functionally graded spinning cylindrical shells reinforced with graphene nanoplatelets in supersonic flow. Materials Research Express, 2021, 8, 115012.	1.6	6
22	Exact Closed-Form Solution for Nonlinear Stability Analysis of Porous Functionally Graded Pipes Conveying Fluid Under Various Boundary Conditions. Journal of Vibration Engineering and Technologies, 2022, 10, 2877-2891.	2.2	5
23	Wave propagation analysis of magnetic nanotubes conveying nanoflow. SN Applied Sciences, 2022, 4, 1.	2.9	0