

Reza Bahaadini

List of Publications by Year in descending order

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papers

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623734

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311
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#	ARTICLE	IF	CITATIONS
1	An analytical solution for vibration analysis of sandwich plates reinforced with graphene nanoplatelets. <i>Engineering With Computers</i> , 2022, 38, 2107-2123.	6.1	15
2	Wave propagation analysis of magnetic nanotubes conveying nanoflow. <i>SN Applied Sciences</i> , 2022, 4, 1.	2.9	0
3	Exact Closed-Form Solution for Nonlinear Stability Analysis of Porous Functionally Graded Pipes Conveying Fluid Under Various Boundary Conditions. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 2877-2891.	2.2	5
4	Dynamic stability of viscoelastic nanotubes conveying pulsating magnetic nanoflow under magnetic field. <i>Engineering With Computers</i> , 2021, 37, 2877-2889.	6.1	11
5	Aeroelastic flutter analysis of functionally graded spinning cylindrical shells reinforced with graphene nanoplatelets in supersonic flow. <i>Materials Research Express</i> , 2021, 8, 115012.	1.6	6
6	Nonlocal, strain gradient and surface effects on vibration and instability of nanotubes conveying nanoflow. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 586-598.	2.6	25
7	Static and Dynamic Analyses of Nanocomposite Plates in Mechanical and Aerodynamic Loading. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050034.	2.2	6
8	Flow-induced vibration and stability analysis of carbon nanotubes based on the nonlocal strain gradient Timoshenko beam theory. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 203-218.	2.6	21
9	Electromechanical stability analysis of smart double-nanobeam systems. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	7
10	Vibration analysis of rotating composite blades with piezoelectric layers in hygrothermal environment. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	15
11	Vibration Analysis of Functionally Graded Graphene Reinforced Porous Nanocomposite Shells. <i>International Journal of Applied Mechanics</i> , 2019, 11, 1950068.	2.2	31
12	Structural instability of non-conservative functionally graded micro-beams tunable with piezoelectric layers. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 593-605.	2.5	6
13	On vibration and stability analysis of porous plates reinforced by graphene platelets under aerodynamical loading. <i>Composites Part B: Engineering</i> , 2019, 164, 778-799.	12.0	118
14	Aerothermoelastic flutter analysis of pre-twisted thin-walled rotating blades reinforced with functionally graded carbon nanotubes. <i>European Journal of Mechanics, A/Solids</i> , 2019, 75, 285-306.	3.7	23
15	Aeroelastic Flutter Analysis of Thick Porous Plates in Supersonic Flow. <i>International Journal of Applied Mechanics</i> , 2019, 11, 1950096.	2.2	19
16	Application of the Green function method to flow-thermoelastic forced vibration analysis of viscoelastic carbon nanotubes. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	22
17	On dynamics of nanotubes conveying nanoflow. <i>International Journal of Engineering Science</i> , 2018, 123, 181-196.	5.0	64
18	Dynamic stability of fluid-conveying thin-walled rotating pipes reinforced with functionally graded carbon nanotubes. <i>Acta Mechanica</i> , 2018, 229, 5013-5029.	2.1	40

#	ARTICLE	IF	CITATIONS
19	On the stability of spinning thin-walled porous beams. <i>Thin-Walled Structures</i> , 2018, 132, 604-615.	5.3	28
20	Stability analysis of thin-walled spinning reinforced pipes conveying fluid in thermal environment. <i>European Journal of Mechanics, A/Solids</i> , 2018, 72, 298-309.	3.7	62
21	Aeroelastic analysis of functionally graded rotating blades reinforced with graphene nanoplatelets in supersonic flow. <i>Aerospace Science and Technology</i> , 2018, 80, 381-391.	4.8	53
22	Forced vibrations of fluid-conveyed double piezoelectric functionally graded micropipes subjected to moving load. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	33
23	Size dependent stability analysis of cantilever micro-pipes conveying fluid based on modified strain gradient theory. <i>International Journal of Engineering Science</i> , 2016, 101, 1-13.	5.0	113