Bo Zhu

List of Publications by Year
in descending order

12	329	933264	1199470
papers	citations	10	12
		h-index	g-index

12	12	12	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear free and forced vibrations of porous functionally graded pipes conveying fluid and resting on nonlinear elastic foundation. Composite Structures, 2020, 252, 112672.	3.1	53
2	Static and dynamic characteristics of the post-buckling of fluid-conveying porous functionally graded pipes with geometric imperfections. International Journal of Mechanical Sciences, 2021, 189, 105947.	3.6	50
3	Nonlinear dynamics of fluid-conveying composite pipes subjected to time-varying axial tension in sub- and super-critical regimes. Applied Mathematical Modelling, 2022, 101, 632-653.	2.2	34
4	Nonlinear resonant behaviors of bi-directional functionally graded material microbeams: One-/two-parameter bifurcation analyses. Composite Structures, 2019, 223, 110896.	3.1	29
5	Nonlinear dynamics of a viscoelastic sandwich beam with parametric excitations and internal resonance. Nonlinear Dynamics, 2018, 94, 2575-2612.	2.7	27
6	Dynamic characteristics and stability of pipe-in-pipe system conveying two-phase flow in thermal environment. Applied Ocean Research, 2020, 103, 102333.	1.8	27
7	Stability analysis of cantilever carbon nanotubes subjected to partially distributed tangential force and viscoelastic foundation. Applied Mathematical Modelling, 2019, 73, 190-209.	2.2	25
8	Dynamic stability analysis for rotating pre-twisted FG-CNTRC beams with geometric imperfections restrained by an elastic root in thermal environment. Thin-Walled Structures, 2021, 164, 107902.	2.7	24
9	Flow-induced buckling and post-buckling vibration characteristics of composite pipes in thermal environment. Ocean Engineering, 2022, 243, 110267.	1.9	21
10	Nonlinear primary resonance behaviors of rotating FG-CNTRC beams with geometric imperfections. Aerospace Science and Technology, 2022, 121, 107333.	2.5	19
11	A domain decomposition method based vibration analysis of BDFGs imperfect beams with arbitrary boundary conditions. Composite Structures, 2022, 284, 115115.	3.1	10
12	Flow-induced instability and bifurcation in cantilevered composite double-pipe systems. Ocean Engineering, 2022, 258, 111825.	1.9	10