

# Bo Zhu

## List of Publications by Year in descending order

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12  
papers

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933447  
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#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics of fluid-conveying composite pipes subjected to time-varying axial tension in sub- and super-critical regimes. <i>Applied Mathematical Modelling</i> , 2022, 101, 632-653.	4.2	34
2	A domain decomposition method based vibration analysis of BDFGs imperfect beams with arbitrary boundary conditions. <i>Composite Structures</i> , 2022, 284, 115115.	5.8	10
3	Flow-induced buckling and post-buckling vibration characteristics of composite pipes in thermal environment. <i>Ocean Engineering</i> , 2022, 243, 110267.	4.3	21
4	Nonlinear primary resonance behaviors of rotating FG-CNTRC beams with geometric imperfections. <i>Aerospace Science and Technology</i> , 2022, 121, 107333.	4.8	19
5	Flow-induced instability and bifurcation in cantilevered composite double-pipe systems. <i>Ocean Engineering</i> , 2022, 258, 111825.	4.3	10
6	Static and dynamic characteristics of the post-buckling of fluid-conveying porous functionally graded pipes with geometric imperfections. <i>International Journal of Mechanical Sciences</i> , 2021, 189, 105947.	6.7	50
7	Dynamic stability analysis for rotating pre-twisted FG-CNTRC beams with geometric imperfections restrained by an elastic root in thermal environment. <i>Thin-Walled Structures</i> , 2021, 164, 107902.	5.3	24
8	Dynamic characteristics and stability of pipe-in-pipe system conveying two-phase flow in thermal environment. <i>Applied Ocean Research</i> , 2020, 103, 102333.	4.1	27
9	Nonlinear free and forced vibrations of porous functionally graded pipes conveying fluid and resting on nonlinear elastic foundation. <i>Composite Structures</i> , 2020, 252, 112672.	5.8	53
10	Nonlinear resonant behaviors of bi-directional functionally graded material microbeams: One-/two-parameter bifurcation analyses. <i>Composite Structures</i> , 2019, 223, 110896.	5.8	29
11	Stability analysis of cantilever carbon nanotubes subjected to partially distributed tangential force and viscoelastic foundation. <i>Applied Mathematical Modelling</i> , 2019, 73, 190-209.	4.2	25
12	Nonlinear dynamics of a viscoelastic sandwich beam with parametric excitations and internal resonance. <i>Nonlinear Dynamics</i> , 2018, 94, 2575-2612.	5.2	27