

Zengyao Lv

List of Publications by Year in descending order

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papers

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1684188

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16
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Super tough magnetic hydrogels for remotely triggered shape morphing. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2713-2722.	5.8	68
2	Analysis of grazing bifurcation from periodic motion to quasi-periodic motion in impact-damper systems. <i>Chaos, Solitons and Fractals</i> , 2016, 83, 112-118.	5.1	18
3	Anti-controlling Hopf bifurcation in a type of centrifugal governor system. <i>Nonlinear Dynamics</i> , 2015, 81, 811-822.	5.2	16
4	Discrete-in-time feedback control of near-grazing dynamics in the two-degree-of-freedom vibro-impact system with a clearance. <i>Nonlinear Dynamics</i> , 2017, 87, 1127-1137.	5.2	13
5	Temporal acoustic wave computational metamaterials. <i>Applied Physics Letters</i> , 2020, 117, 131902.	3.3	7
6	Stress-induced butterfly and square-like magnetostriction loops transition. <i>Theoretical and Applied Mechanics Letters</i> , 2017, 7, 67-71.	2.8	6
7	Acoustic computational metamaterials for dispersion Fourier transform in time domain. <i>Journal of Applied Physics</i> , 2020, 127, 123101.	2.5	6
8	Implementing fractional Fourier transform and solving partial differential equations using acoustic computational metamaterials in space domain. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2021, 37, 1371-1377.	3.4	6
9	Particles separation using the inverse Chladni pattern enhanced local Brazil nut effect. <i>Extreme Mechanics Letters</i> , 2021, 49, 101466.	4.1	5
10	Phase-separation induced extraordinary toughening of magnetic hydrogels. <i>Journal of Applied Physics</i> , 2018, 123, 185105.	2.5	4
11	Temporal differential elastic wave computational metamaterials. <i>Journal of Applied Physics</i> , 2020, 127, 203104.	2.5	4
12	Control of Neimark-Sacker bifurcation in a type of weak impulse excited centrifugal governor system. <i>International Journal of Non-Linear Mechanics</i> , 2021, 128, 103624.	2.6	4
13	Design method and machine learning application of acoustic holographic computational metamaterials. <i>Science China Technological Sciences</i> , 2022, 65, 238.	4.0	3
14	Phase-field simulation of magnetic double-hole nanoring and its application in random storage. <i>International Journal of Smart and Nano Materials</i> , 2021, 12, 157-184.	4.2	1
15	Implementing fractional Fourier transform using SH0 wave computational metamaterials in space domain. <i>Science China Technological Sciences</i> , 2021, 64, 2560-2565.	4.0	1
16	Parameterized center manifold for unfolding bifurcations with an eigenvalue +1 in n-dimensional maps. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 39, 495-503.	3.3	0