

Wangcai Ding

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

182
citations

1307594
7
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Hopf Hopf bifurcation and invariant torus of a vibro-impact system. International Journal of Non-Linear Mechanics, 2005, 40, 531-543.	2.6	76
2	Global behavior of a vibro-impact system with asymmetric clearances. Journal of Sound and Vibration, 2018, 423, 180-194.	3.9	27
3	Torus and its routes to chaos of a vibro-impact system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 349, 324-330.	2.1	21
4	Torus T2 and its locking, doubling, chaos of a vibro-impact system. Journal of the Franklin Institute, 2012, 349, 337-348.	3.4	13
5	Dynamics of a vibro-impact system by the global analysis method in parameter-state space. Nonlinear Dynamics, 2019, 97, 541-557.	5.2	12
6	Hopf-flip bifurcation of high dimensional maps and application to vibro-impact systems. Acta Mechanica Sinica/Lixue Xuebao, 2005, 21, 402-410.	3.4	11
7	Global dynamics of a non-smooth system with elastic and rigid impacts and dry friction. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105603.	3.3	8
8	Global Behavior of a Vibro-Impact System With Multiple Nonsmooth Mechanical Factors. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	1.2	6
9	Global behavior of a simplified model for the micro-vibration molding machine in parameter-state space. Mechanism and Machine Theory, 2020, 154, 104039.	4.5	4
10	Periodic Motion and Transition of a Vibro-Impact System with Multilevel Elastic Constraints. Discrete Dynamics in Nature and Society, 2021, 2021, 1-13.	0.9	3
11	Static workspace analysis of a multi-robot collaborative towing system with floating base. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2150009.	1.4	1