

# Shuangbao Li

## List of Publications by Year in descending order

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11  
papers

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citations

1040056

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1281871

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docs citations

15  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonreciprocity in the dynamics of coupled oscillators with nonlinearity, asymmetry, and scale hierarchy. <i>Physical Review E</i> , 2018, 97, 012219.	2.1	49
2	Theoretical and experimental studies of global dynamics for a class of bistable nonlinear impact oscillators with bilateral rigid constraints. <i>International Journal of Non-Linear Mechanics</i> , 2021, 133, 103720.	2.6	25
3	The Melnikov method of heteroclinic orbits for a class of planar hybrid piecewise-smooth systems and application. <i>Nonlinear Dynamics</i> , 2016, 85, 1091-1104.	5.2	24
4	Global dynamics and performance of vibration reduction for a new vibro-impact bistable nonlinear energy sink. <i>International Journal of Non-Linear Mechanics</i> , 2022, 139, 103891.	2.6	24
5	Melnikov-Type Method for a Class of Discontinuous Planar Systems and Applications. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450022.	1.7	20
6	The Melnikov method for detecting chaotic dynamics in a planar hybrid piecewise-smooth system with a switching manifold. <i>Nonlinear Dynamics</i> , 2017, 89, 939-953.	5.2	18
7	Acoustic Non-Reciprocity in Lattices With Nonlinearity, Internal Hierarchy, and Asymmetry: Computational Study. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2019, 141, .	1.6	17
8	Suppressing homoclinic chaos for a weak periodically excited non-smooth oscillator. <i>Nonlinear Dynamics</i> , 2020, 99, 1621-1642.	5.2	13
9	Melnikov Method for a Class of Planar Hybrid Piecewise-Smooth Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650030.	1.7	12
10	Global dynamics for a class of new bistable nonlinear oscillators with bilateral elastic collisions. <i>International Journal of Dynamics and Control</i> , 2021, 9, 885-900.	2.5	8
11	The analytical method of studying subharmonic periodic orbits for planar piecewise-smooth systems with two switching manifolds. <i>International Journal of Dynamics and Control</i> , 2019, 7, 23-35.	2.5	5