

Shan Yin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

270
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal loads and contact pressure distributions on the main shaft bearing in a modern gearless wind turbine. <i>Tribology International</i> , 2020, 141, 105960.	5.9	39
2	Analytical determination for degenerate grazing bifurcation points in the single-degree-of-freedom impact oscillator. <i>Nonlinear Dynamics</i> , 2017, 90, 443-456.	5.2	24
3	Complex near-grazing dynamics in impact oscillators. <i>International Journal of Mechanical Sciences</i> , 2019, 156, 106-122.	6.7	24
4	Novel two-parameter dynamics of impact oscillators near degenerate grazing points. <i>International Journal of Non-Linear Mechanics</i> , 2020, 120, 103403.	2.6	24
5	A non-smooth quasi-zero-stiffness isolator with displacement constraints. <i>International Journal of Mechanical Sciences</i> , 2022, 225, 107351.	6.7	23
6	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
7	Degenerate grazing bifurcations in a three-degree-of-freedom impact oscillator. <i>Nonlinear Dynamics</i> , 2019, 97, 525-539.	5.2	17
8	Anti-controlling Hopf bifurcation in a type of centrifugal governor system. <i>Nonlinear Dynamics</i> , 2015, 81, 811-822.	5.2	16
9	Fatigue life analysis of double-row tapered roller bearing in a modern wind turbine under oscillating external load and speed. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 3116-3130.	2.1	14
10	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
11	Suppression of grazing-induced instability in single degree-of-freedom impact oscillators. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 97-110.	3.6	12
12	Higher order zero time discontinuity mapping for analysis of degenerate grazing bifurcations of impacting oscillators. <i>Journal of Sound and Vibration</i> , 2018, 437, 209-222.	3.9	11
13	Use of degeneration to stabilize near grazing periodic motion in impact oscillators. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 66, 20-30.	3.3	10
14	Feedback Control of Grazing-Induced Chaos in the Single-Degree-of-Freedom Impact Oscillator. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	1.2	8
15	Neimark-Sacker Bifurcations Near Degenerate Grazing Point in a Two Degree-of-Freedom Impact Oscillator. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	1.2	6
16	Instability phenomena in impact damper system: From quasi-periodic motion to period-three motion. <i>Journal of Sound and Vibration</i> , 2017, 391, 170-179.	3.9	5
17	Existence of invariant curves for a Fermi-type impact absorber. <i>Nonlinear Dynamics</i> , 2020, 99, 2647-2656.	5.2	3
18	Multistability in the Centrifugal Governor System Under a Time-Delay Control Strategy. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019, 14, .	1.2	2

#	ARTICLE	IF	CITATIONS
19	Near-grazing bifurcations and deep reinforcement learning control of an impact oscillator with elastic constraints. <i>Meccanica</i> , 2023, 58, 337-356.	2.0	1
20	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