

Jinki Kim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

113
citations

1477746
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h-index

1588620
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g-index

13
all docs

13
docs citations

13
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Signal Denoising Using Adaptive Stochastic Resonance in Parallel Array and Its Application to Acoustic Emission Signals. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.0	7
2	Characterization of hydrogel structures using video-based vibration analysis. , 2022, , .		0
3	Output-only Structural Damage Detection via Enhanced Random Vibration Analysis using LSTM/GRU model. , 2022, , .		4
4	Vibration energy harvesting enhancement exploiting magnetically coupled bistable and linear harvesters. Smart Materials and Structures, 2020, 29, 065006.	1.8	35
5	Electromechanical impedance-based damage identification enhancement using bistable and adaptive piezoelectric circuitry. Structural Health Monitoring, 2019, 18, 1268-1281.	4.3	14
6	Predicting non-stationary and stochastic activation of saddle-node bifurcation in non-smooth dynamical systems. Nonlinear Dynamics, 2018, 93, 251-258.	2.7	10
7	Predicting Non-Stationary and Stochastic Activation of Saddle-Node Bifurcation. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	0.7	6
8	Signal denoising using stochastic resonance and bistable circuit for acoustic emission-based structural health monitoring. Proceedings of SPIE, 2017, , .	0.8	0
9	Predicting Non-Stationary and Stochastic Activation of Saddle-Node Bifurcation. , 2016, , .		0
10	Enhancing Structural Damage Identification Robustness to Noise and Damping With Integrated Bistable and Adaptive Piezoelectric Circuitry. Journal of Vibration and Acoustics, Transactions of the ASME, 2015, 137, .	1.0	11
11	Enhancing Damage Identification Robustness to Noise and Damping Using Integrated Bistable and Adaptive Piezoelectric Circuitry. , 2014, , .		0
12	Impedance-based damage identification enhancement via tunable piezoelectric circuitry. Proceedings of SPIE, 2014, , .	0.8	1
13	An enhanced impedance-based damage identification method using adaptive piezoelectric circuitry. Smart Materials and Structures, 2014, 23, 095041.	1.8	25