

# Jinki Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2836535/publications.pdf>

Version: 2024-02-01

13  
papers

113  
citations

1477746  
6  
h-index

1588620  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

81  
citing authors

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