

# Zhang Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8701644/publications.pdf>

Version: 2024-02-01

14  
papers

244  
citations

1478505

6  
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1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spiking neural P systems with multiple channels. <i>Neural Networks</i> , 2017, 95, 66-71.	5.9	104
2	Spiking neural P systems with multiple channels and anti-spikes. <i>BioSystems</i> , 2018, 169-170, 13-19.	2.0	38
3	A multi-perspective architecture for high-speed train fault diagnosis based on variational mode decomposition and enhanced multi-scale structure. <i>Applied Intelligence</i> , 2019, 49, 3923-3937.	5.3	25
4	Detecting Unexpected Faults of High-Speed Train Bogie Based on Bayesian Deep Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 158-172.	6.3	19
5	Smoothing Photovoltaic Power Fluctuations for Cascade Hydro-PV-Pumped Storage Generation System Based on a Fuzzy CEEMDAN. <i>IEEE Access</i> , 2019, 7, 172718-172727.	4.2	17
6	An Optimal Wavelet Packets Basis Method for Cascade Hydro-PV-Pumped Storage Generation Systems to Smooth Photovoltaic Power Fluctuations. <i>Energies</i> , 2019, 12, 4642.	3.1	13
7	Fault Diagnosis of High-Speed Train Bogie Based on Synchrony Group Convolutions. <i>Shock and Vibration</i> , 2019, 2019, 1-13.	0.6	7
8	Fault location of distribution network with distributed generations using electrical synaptic transmission-based spiking neural P systems. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2021, 36, 11-27.	1.0	6
9	Performance Degradation Estimation of High-Speed Train Bogie Based on 1D-ConvLSTM Time-Distributed Convolutional Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-16.	1.7	5
10	Smooth Switching Control Strategy for Microgrid Based on State Following Controller. , 2018, , .		4
11	A grouping-attention convolutional neural network for performance degradation estimation of high-speed train lateral damper. <i>Applied Intelligence</i> , 2023, 53, 658-682.	5.3	3
12	Hierarchical Scheduling Control Method for Cascade Hydro-PV-Pumped Storage Generation System. <i>International Transactions on Electrical Energy Systems</i> , 2022, 2022, 1-17.	1.9	3
13	A Novel Control Method to Improve Current Regulation and Harmonics in Navigation Dimming Power Supply. <i>IEEE Access</i> , 2019, 7, 186268-186283.	4.2	0
14	Research on Multi-port Converter for DC Residential Micro-grid. , 2019, , .		0