Hang Wang

List of Publications by Year
in descending order

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18	457	933447 10	1058476 14
papers	citations	h-index	g-index

18	18	18	301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fault identification and diagnosis based on KPCA and similarity clustering for nuclear power plants. Annals of Nuclear Energy, 2021, 150, 107786.	1.8	43
2	Advanced fault diagnosis method for nuclear power plant based on convolutional gated recurrent network and enhanced particle swarm optimization. Annals of Nuclear Energy, 2021, 151, 107934.	1.8	36
3	Remaining useful life prediction techniques for electric valves based on convolution auto encoder and long short term memory. ISA Transactions, 2021, 108, 333-342.	5.7	48
4	A continuous learning monitoring strategy for multi-condition of nuclear power plant. Annals of Nuclear Energy, 2021, 164, 108544.	1.8	10
5	Anomaly Detection of Electric Gate Valve Based on Multi-Kernel Support Vector Machine. , 2021, , .		0
6	Research on Optimization and Verification Method of Sensor Arrangement in the Chemical and Volume Control System. , 2021, , .		0
7	Research on Fault Diagnosis Method of Electric Valve Based on Convolutional Gated Recurrent Unit and Support vector machine. , 2021, , .		0
8	Novel fault diagnosis scheme utilizing deep learning networks. Progress in Nuclear Energy, 2020, 118, 103066.	2.9	51
9	Online fault monitoring based on deep neural network & sliding window technique. Progress in Nuclear Energy, 2020, 121, 103236.	2.9	32
10	Improved PCA model for multiple fault detection, isolation and reconstruction of sensors in nuclear power plant. Annals of Nuclear Energy, 2020, 148, 107662.	1.8	42
11	Remaining Useful Life Prediction Techniques of Electric Valves for Nuclear Power Plants with Convolution Kernel and LSTM. Science and Technology of Nuclear Installations, 2020, 2020, 1-13.	0.8	4
12	A hybrid fault diagnosis methodology with support vector machine and improved particle swarm optimization for nuclear power plants. ISA Transactions, 2019, 95, 358-371.	5.7	92
13	DEVELOPMENT OF DISTRIBUTED PERFORMANCE MONITORING AND ANALYSIS SYSTEM FOR NUCLEAR POWER PLANT.. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1511.	0.0	0
14	An intelligent hybrid methodology of on-line system-level fault diagnosis for nuclear power plant. Nuclear Engineering and Technology, 2018, 50, 396-410.	2.3	33
15	Fault detection, identification and reconstruction of sensors in nuclear power plant with optimized PCA method. Annals of Nuclear Energy, 2018, 113, 105-117.	1.8	42
16	Condition Monitoring of Sensors in a NPP Using Optimized PCA. Science and Technology of Nuclear Installations, 2018, 2018, 1-16.	0.8	1
17	Real-time simulations to enhance distributed on-line monitoring and fault detection in Pressurized Water Reactors. Annals of Nuclear Energy, 2017, 109, 557-573.	1.8	10
18	Improved methods of online monitoring and prediction in condensate and feed water system of nuclear power plant. Annals of Nuclear Energy, 2016, 90, 44-53.	1.8	13