

Hang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

457
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Novel fault diagnosis scheme utilizing deep learning networks. Progress in Nuclear Energy, 2020, 118, 103066.	2.9	51
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	Fault identification and diagnosis based on KPCA and similarity clustering for nuclear power plants. Annals of Nuclear Energy, 2021, 150, 107786.	1.8	43
5	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
6	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
7	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
8	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
9	Online fault monitoring based on deep neural network & sliding window technique. Progress in Nuclear Energy, 2020, 121, 103236.	2.9	32
10	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
11	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
12	A continuous learning monitoring strategy for multi-condition of nuclear power plant. Annals of Nuclear Energy, 2021, 164, 108544.	1.8	10
13	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
14	Condition Monitoring of Sensors in a NPP Using Optimized PCA. Science and Technology of Nuclear Installations, 2018, 2018, 1-16.	0.8	1
15	Anomaly Detection of Electric Gate Valve Based on Multi-Kernel Support Vector Machine. , 2021, , .		0
16	Research on Optimization and Verification Method of Sensor Arrangement in the Chemical and Volume Control System. , 2021, , .		0
17	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
18	Research on Fault Diagnosis Method of Electric Valve Based on Convolutional Gated Recurrent Unit and Support vector machine. , 2021, , .		0