

Ryad Zemouri

List of Publications by Year in descending order

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25
papers

522
citations

840728

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888047

17
g-index

28
all docs

28
docs citations

28
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning in the Biomedical Applications: Recent and Future Status. Applied Sciences (Switzerland), 2019, 9, 1526.	2.5	120
2	Recurrent radial basis function network for time-series prediction. Engineering Applications of Artificial Intelligence, 2003, 16, 453-463.	8.1	95
3	Defining and applying prediction performance metrics on a recurrent NARX time series model. Neurocomputing, 2010, 73, 2506-2521.	5.9	51
4	Deep Convolutional Variational Autoencoder as a 2D-Visualization Tool for Partial Discharge Source Classification in Hydrogenerators. IEEE Access, 2020, 8, 5438-5454.	4.2	37
5	A new growing pruning deep learning neural network algorithm (GP-DLNN). Neural Computing and Applications, 2020, 32, 18143-18159.	5.6	26
6	Prediction of Oncotype DX recurrence score using deep multi-layer perceptrons in estrogen receptor-positive, HER2-negative breast cancer. Breast Cancer, 2020, 27, 1007-1016.	2.9	25
7	Constructive Deep Neural Network for Breast Cancer Diagnosis. IFAC-PapersOnLine, 2018, 51, 98-103.	0.9	23
8	Dimension reduction and 2D-visualization for early change of state detection in a machining process with a variational autoencoder approach. International Journal of Advanced Manufacturing Technology, 2020, 111, 3597-3611.	3.0	21
9	Towards Accurate and Reproducible Predictions for Prognostic: an Approach Combining a RRBF Network and an AutoRegressive Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 140-145.	0.4	18
10	Semi-Supervised Adversarial Variational Autoencoder. Machine Learning and Knowledge Extraction, 2020, 2, 361-378.	5.0	15
11	Predicting the quality of a machined workpiece with a variational autoencoder approach. Journal of Intelligent Manufacturing, 2023, 34, 719-737.	7.3	14
12	An overview on the deep learning based prognostic. , 2018, , .		9
13	Autonomous and adaptive procedure for cumulative failure prediction. Neural Computing and Applications, 2012, 21, 319-331.	5.6	7
14	Recent Research and Applications in Variational Autoencoders for Industrial Prognosis and Health Management: A Survey. , 2022, , .		7
15	An evolutionary building algorithm for Deep Neural Networks. , 2017, , .		6
16	RÃ©seaux de neurones rÃ©currents Ã fonctions de base radiales : RRFR Application au pronostic. Revue D'Intelligence Artificielle, 2002, 16, 307-338.	0.6	5
17	Deep Variational Autoencoder: An Efficient Tool for PHM Frameworks. , 2020, , .		4
18	Comparison of an Automatic Classification of Partial Discharge Patterns for Large Hydrogenerator. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Innovative Deep Learning Approach for Biomedical Data Instantiation and Visualization. , 2021, , 171-196.		3
20	Hydro-generators fault diagnosis with short-time-wavelet-entropy and variational auto-encoder. IOP Conference Series: Materials Science and Engineering, 2021, 1207, 012009.	0.6	3
21	Automatic Classification of 2D Partial Discharge from Generator On-Line Measurement. , 2021, , .		3
22	COMPARATIVE STUDY BETWEEN THE TIMED AUTOMATA AND THE RECURRENT RADIAL BASIS FUNCTION FOR DISCRETE EVENT SYSTEM DIAGNOSIS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 1455-1460.	0.4	2
23	Training the Recurrent neural network by the Fuzzy Min-Max algorithm for fault prediction. , 2009, , .		1
24	Comparative Study Between the Timed Automata and the Recurrent Radial Basis Function for Discrete Event System Diagnosis. , 2007, , 1455-1460.		0
25	Diagnosis of Discrete Event System by Stochastic Timed Automata. , 2006, , .		0