Ansi Zhang

List of Publications by Year
in descending order

14 papers	636 citations
933447 10 h-index	1125743 13 g-index
15 all docs	15 docs citations
15 times ranked	532 citing authors

#	Article	IF	Citations
1	Limited Data Rolling Bearing Fault Diagnosis With Few-Shot Learning. IEEE Access, 2019, 7, 110895-110904.	4.2	229
2	Meta-learning for few-shot bearing fault diagnosis under complex working conditions. Neurocomputing, 2021, 439, 197-211.	5.9	129
3	Transfer Learning with Deep Recurrent Neural Networks for Remaining Useful Life Estimation. Applied Sciences (Switzerland), 2018, 8, 2416.	2.5	113
4	DeepSeqPan, a novel deep convolutional neural network model for pan-specific class I HLA-peptide binding affinity prediction. Scientific Reports, 2019, 9, 794.	3.3	57
5	A Novel Method of Bearing Fault Diagnosis in Time-Frequency Graphs Using InceptionResnet and Deformable Convolution Networks. IEEE Access, 2020, 8, 92743-92753.	4.2	18
6	Intelligent Optimization Algorithm-Based Path Planning for a Mobile Robot. Computational Intelligence and Neuroscience, 2021, 2021, 1-17.	1.7	18
7	Deep learning panâ€specific model for interpretable <scp>MHCâ€</scp> peptide binding prediction with improved attention mechanism. Proteins: Structure, Function and Bioinformatics, 2021, 89, 866-883.	2.6	17
8	Trajectory Planning of Robot Manipulator Based on RBF Neural Network. Entropy, 2021, 23, 1207.	2.2	13
9	Multi-objective evolutionary algorithm based on decision space partition and its application in hybrid power system optimisation. Applied Intelligence, 2017, 46, 827-844.	5.3	12
10	Circle-U-Net: An Efficient Architecture for Semantic Segmentation. Algorithms, 2021, 14, 159.	2.1	11
11	Nonlinear Hyperparameter Optimization of a Neural Network in Image Processing for Micromachines. Micromachines, 2021, 12, 1504.	2.9	7
12	Equipment Condition Monitoring and Diagnosis System Based on Evidence Weight. International Journal of Online Engineering, 2018, 14, 143.	0.5	4
13	A Hybrid Matching Network for Fault Diagnosis under Different Working Conditions with Limited Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.7	4
14	A Novel Bearing Fault Diagnosis of Raw Signals Based on 1D Residual Convolution Neural Network. , 2020, , .		2