

Muzhou Hou

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

663
citations

758635

12
h-index

610482

24
g-index

40
all docs

40
docs citations

40
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatically discriminating and localizing COVID-19 from community-acquired pneumonia on chest X-rays. <i>Pattern Recognition</i> , 2021, 110, 107613.	5.1	119
2	Constructive Approximation to Multivariate Function by Decay RBF Neural Network. <i>IEEE Transactions on Neural Networks</i> , 2010, 21, 1517-1523.	4.8	59
3	Solving Partial Differential Equation Based on Bernstein Neural Network and Extreme Learning Machine Algorithm. <i>Neural Processing Letters</i> , 2019, 50, 1153-1172.	2.0	59
4	Global Solar Radiation Prediction Using Hybrid Online Sequential Extreme Learning Machine Model. <i>Energies</i> , 2018, 11, 3415.	1.6	41
5	Gold price forecasting research based on an improved online extreme learning machine algorithm. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 4101-4111.	3.3	37
6	Neural network algorithm based on Legendre improved extreme learning machine for solving elliptic partial differential equations. <i>Soft Computing</i> , 2020, 24, 1083-1096.	2.1	35
7	A novel improved extreme learning machine algorithm in solving ordinary differential equations by Legendre neural network methods. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	31
8	New theoretical ISM-K2 Bayesian network model for evaluating vaccination effectiveness. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 12789-12805.	3.3	31
9	A deep residual compensation extreme learning machine and applications. <i>Journal of Forecasting</i> , 2020, 39, 986-999.	1.6	29
10	An Effective CNN Method for Fully Automated Segmenting Subcutaneous and Visceral Adipose Tissue on CT Scans. <i>Annals of Biomedical Engineering</i> , 2020, 48, 312-328.	1.3	25
11	Numerical solving of the generalized Black-Scholes differential equation using Laguerre neural network. , 2021, 112, 103003.		24
12	Research on usersâ€™ participation mechanisms in virtual tourism communities by Bayesian network. <i>Knowledge-Based Systems</i> , 2021, 226, 107161.	4.0	20
13	Numerical solution for ruin probability of continuous time model based on neural network algorithm. <i>Neurocomputing</i> , 2019, 331, 67-76.	3.5	17
14	Solving the ruin probabilities of some risk models with Legendre neural network algorithm. , 2020, 99, 102634.		13
15	Forecasting time series with optimal neural networks using multi-objective optimization algorithm based on AICc. <i>Frontiers of Computer Science</i> , 2018, 12, 1261-1263.	1.6	11
16	Numerical solution of several kinds of differential equations using block neural network method with improved extreme learning machine algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 3445-3461.	0.8	11
17	Differentiating Crohnâ€™s disease from intestinal tuberculosis using a fusion correlation neural network. <i>Knowledge-Based Systems</i> , 2022, 244, 108570.	4.0	10
18	The LS-SVM algorithms for boundary value problems of high-order ordinary differential equations. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	9

#	ARTICLE	IF	CITATIONS
19	Solution of Ruin Probability for Continuous Time Model Based on Block Trigonometric Exponential Neural Network. <i>Symmetry</i> , 2020, 12, 876.	1.1	9
20	Structure-aware deep learning for chronic middle ear disease. <i>Expert Systems With Applications</i> , 2022, 194, 116519.	4.4	9
21	Solving two-dimensional linear partial differential equations based on Chebyshev neural network with extreme learning machine algorithm. <i>Engineering Computations</i> , 2021, 38, 874-894.	0.7	8
22	Prediction of safety parameters of pressurized water reactor based on feature fusion neural network. <i>Annals of Nuclear Energy</i> , 2022, 166, 108803.	0.9	8
23	A Fast Implicit Finite Difference Method for Fractional Advection-Dispersion Equations with Fractional Derivative Boundary Conditions. <i>Advances in Mathematical Physics</i> , 2017, 2017, 1-8.	0.4	7
24	Deep learning for tracing esophageal motility function over time. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 207, 106212.	2.6	7
25	R-JaunLab: Automatic Multi-Class Recognition of Jaundice on Photos of Subjects with Region Annotation Networks. <i>Journal of Digital Imaging</i> , 2021, 34, 337-350.	1.6	5
26	Neural Networks for Approximation of Real Functions with the Gaussian Functions. , 2007, , .		4
27	Numerical solution for high-dimensional partial differential equations based on deep learning with residual learning and data-driven learning. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 1839-1851.	2.3	4
28	Numerical solving of generalized Black-Scholes differential equation using deep learning based on blocked residual connection. , 2022, 126, 103498.		4
29	Neural network method for lossless two-conductor transmission line equations based on the IELM algorithm. <i>AIP Advances</i> , 2018, 8, .	0.6	3
30	An improved optimal trigonometric ELM algorithm for numerical solution to ruin probability of Erlang(2) risk model. <i>Multimedia Tools and Applications</i> , 2020, 79, 30235-30255.	2.6	3
31	Correlation-driven framework based on graph convolutional network for clinical disease classification. <i>Journal of Statistical Computation and Simulation</i> , 2021, 91, 3108-3124.	0.7	3
32	Attention graph convolutional nets for esophageal contraction pattern recognition in high-resolution manometries. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102734.	3.5	3
33	A Novel Robust Method for Solving CMB Receptor Model Based on Enhanced Sampling Monte Carlo Simulation. <i>Processes</i> , 2019, 7, 169.	1.3	2
34	Land-use classification via ensemble dropout information discriminative extreme learning machine based on deep convolution feature. <i>Computer Science and Information Systems</i> , 2020, 17, 427-443.	0.7	1
35	Deep learning for abdominal adipose tissue segmentation with few labelled samples. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, , 1.	1.7	1
36	Three feature streams based on a convolutional neural network for early esophageal cancer identification. <i>Multimedia Tools and Applications</i> , 0, , 1.	2.6	1

#	ARTICLE	IF	CITATIONS
37	Adaptive multilayer neural network for solving elliptic partial differential equations with different boundary conditions. , 2021, 118, 103223.		0
38	Decision and Evaluation of Ordering and Transshipment Schemes Based on Multi-objective Programming. , 2021, , .		0
39	A Fuzzy Bayesian Network Based on Fault Tree for Vaccine Safety Risks Analysis. , 2021, , .		0