

# Nazri Mohd Nawi

## List of Publications by Year in descending order

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95  
papers

947  
citations

687363

13  
h-index

580821

25  
g-index

101  
all docs

101  
docs citations

101  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Data Pre-processing on Optimized Training of Artificial Neural Networks. <i>Procedia Technology</i> , 2013, 11, 32-39.	1.1	146
2	Non-stationary and stationary prediction of financial time series using dynamic ridge polynomial neural network. <i>Neurocomputing</i> , 2009, 72, 2359-2367.	5.9	76
3	A New Levenberg Marquardt based Back Propagation Algorithm Trained with Cuckoo Search. <i>Procedia Technology</i> , 2013, 11, 18-23.	1.1	74
4	An Improved Back Propagation Neural Network Algorithm on Classification Problems. <i>Communications in Computer and Information Science</i> , 2010, , 177-188.	0.5	36
5	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. <i>PLoS ONE</i> , 2015, 10, e0136140.	2.5	33
6	An Improved Learning Algorithm Based on The Broyden-Fletcher-Goldfarb-Shanno (BFGS) Method For Back Propagation Neural Networks. , 2006, , .		32
7	Weight Optimization in Recurrent Neural Networks with Hybrid Metaheuristic Cuckoo Search Techniques for Data Classification. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-12.	1.1	27
8	A New Bat Based Back-Propagation (BAT-BP) Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 395-404.	0.6	23
9	An Accelerated Particle Swarm Optimization Based Levenberg Marquardt Back Propagation Algorithm. <i>Lecture Notes in Computer Science</i> , 2014, , 245-253.	1.3	18
10	The Development of Improved Back-Propagation Neural Networks Algorithm for Predicting Patients with Heart Disease. <i>Lecture Notes in Computer Science</i> , 2010, , 317-324.	1.3	17
11	Jordan Pi-Sigma Neural Network for Temperature Prediction. <i>Communications in Computer and Information Science</i> , 2011, , 547-558.	0.5	17
12	Comparative Analysis of Text Classification Algorithms for Automated Labelling of Quranic Verses.. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2017, 7, 1419.	0.4	17
13	Hybrid Ant Bee Colony Algorithm for Volcano Temperature Prediction. <i>Communications in Computer and Information Science</i> , 2012, , 453-465.	0.5	16
14	A Modified Bat Algorithm Based on Gaussian Distribution for Solving Optimization Problem. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 706-714.	0.4	13
15	A deep contractive autoencoder for solving multiclass classification problems. <i>Evolutionary Intelligence</i> , 2021, 14, 1619-1633.	3.6	13
16	Enhancing the dynamic load balancing technique for cloud computing using HBATAABC algorithm. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2020, 11, 2050041.	1.4	13
17	Feature Extraction for Traditional Malay Musical Instruments Classification System. , 2009, , .		12
18	Global Hybrid Ant Bee Colony Algorithm for Training Artificial Neural Networks. <i>Lecture Notes in Computer Science</i> , 2012, , 87-100.	1.3	11

#	ARTICLE	IF	CITATIONS
19	SOLVING LOCAL MINIMA PROBLEM IN BACK PROPAGATION ALGORITHM USING ADAPTIVE GAIN, ADAPTIVE MOMENTUM AND ADAPTIVE LEARNING RATE ON CLASSIFICATION PROBLEMS. International Journal of Modern Physics Conference Series, 2012, 09, 448-455.	0.7	10
20	Global Artificial Bee Colony-Levenberg-Marquardt (GABC-LM) Algorithm for Classification. International Journal of Applied Evolutionary Computation, 2013, 4, 58-74.	1.0	10
21	Classify a Protein Domain Using Sigmoid Support Vector Machine. , 2014, , .		10
22	Auto-Encoder Variants for Solving Handwritten Digits Classification Problem. International Journal of Fuzzy Logic and Intelligent Systems, 2020, 20, 8-16.	1.1	10
23	Recent advancement in VM task allocation system for cloud computing: review from 2015 to2021. Artificial Intelligence Review, 2022, 55, 2529-2573.	15.7	9
24	Accelerating Learning Performance of Back Propagation Algorithm by Using Adaptive Gain Together with Adaptive Momentum and Adaptive Learning Rate on Classification Problems. Communications in Computer and Information Science, 2011, , 559-570.	0.5	9
25	An Optimized Back Propagation Learning Algorithm with Adaptive Learning Rate. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1693.	0.4	9
26	Comparative Analysis for Heart Disease Prediction. International Journal on Informatics Visualization, 2017, 1, 227-231.	0.6	9
27	PI-SIGMA NEURAL NETWORK FOR A ONE-STEP-AHEAD TEMPERATURE FORECASTING. International Journal of Computational Intelligence and Applications, 2014, 13, 1450023.	0.8	8
28	Neural Network Training by Hybrid Accelerated Cuckoo Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2014, , 237-244.	1.3	8
29	Studying the Effect of Training Levenberg Marquardt Neural Network by Using Hybrid Meta-Heuristic Algorithms. Journal of Computational and Theoretical Nanoscience, 2016, 13, 450-460.	0.4	8
30	CSBPRNN: A New Hybridization Technique Using Cuckoo Search to Train Back Propagation Recurrent Neural Network. Lecture Notes in Electrical Engineering, 2014, , 111-118.	0.4	8
31	CSLM: Levenberg Marquardt based Back Propagation Algorithm Optimized with Cuckoo Search. Journal of ICT Research and Applications, 2013, 7, 103-116.	0.8	8
32	Modeling of Layering Ceramic Shell Mould. Applied Mechanics and Materials, 2012, 232, 548-552.	0.2	7
33	STUDYING THE EFFECT OF ADAPTIVE MOMENTUM IN IMPROVING THE ACCURACY OF GRADIENT DESCENT BACK PROPAGATION ALGORITHM ON CLASSIFICATION PROBLEMS. International Journal of Modern Physics Conference Series, 2012, 09, 432-439.	0.7	7
34	Global Artificial Bee Colony Algorithm for Boolean Function Classification. Lecture Notes in Computer Science, 2013, , 12-20.	1.3	7
35	Search Engine Optimization Techniques for Malaysian University Websites: A Comparative Analysis on Google and Bing Search Engine. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1262.	0.4	7
36	Early Detection of Dengue Disease Using Extreme Learning Machine. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 2219-2224.	0.4	7

#	ARTICLE	IF	CITATIONS
37	An E-learning System in Malaysia based on Green Computing and Energy Level. International Journal on Informatics Visualization, 2017, 1, 184-187.	0.6	7
38	Review of SQL Injection : Problems and Prevention. International Journal on Informatics Visualization, 2018, 2, 215-219.	0.6	7
39	THE EFFECT OF NETWORK PARAMETERS ON PI-SIGMA NEURAL NETWORK FOR TEMPERATURE FORECASTING. International Journal of Modern Physics Conference Series, 2012, 09, 440-447.	0.7	6
40	Enhancing Query Expansion Method Using Word Embedding. , 2019, , .		6
41	A new Multi Sine-Cosine algorithm for unconstrained optimization problems. PLoS ONE, 2021, 16, e0255269.	2.5	6
42	Lungs Cancer Nodules Detection from CT Scan Images with Convolutional Neural Networks. Advances in Intelligent Systems and Computing, 2020, , 382-391.	0.6	6
43	Pi-Sigma Neural Network for Temperature Forecasting in Batu Pahat. Communications in Computer and Information Science, 2011, , 530-541.	0.5	6
44	Search Engine Optimization Algorithms for Page Ranking: Comparative Study. International Journal of Integrated Engineering, 2018, 10, .	0.4	6
45	Dynamic Ridge Polynomial Higher Order Neural Network. , 0, , 255-268.		6
46	An improved in tasks allocation system for virtual machines in cloud computing using HBAC algorithm. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 3713-3726.	4.9	6
47	The new trend for search engine optimization, tools and techniques. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 1568.	0.8	6
48	A New Method to Improve the Gradient Based Search Direction to Enhance the Computational Efficiency of Back Propagation Based Neural Network Algorithms. , 2008, , .		5
49	Comparing Performances of Cuckoo Search Based Neural Networks. Advances in Intelligent Systems and Computing, 2014, , 163-172.	0.6	5
50	Opinion Mining Summarization and Automation Process: A Survey. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1836-1844.	0.4	5
51	The Impact of Search Engine Optimization on The Visibility of Research Paper and Citations. International Journal on Informatics Visualization, 2017, 1, 195-198.	0.6	5
52	Recognition of Cursive Pashto Optical Digits and Characters with Trio Deep Learning Neural Network Models. Electronics (Switzerland), 2021, 10, 2508.	3.1	5
53	Soft Set Theory for Feature Selection of Traditional Malay Musical Instrument Sounds. Lecture Notes in Computer Science, 2010, , 253-260.	1.3	4
54	CSLMEN: A New Cuckoo Search Levenberg Marquardt Elman Network for Data Classification. Advances in Intelligent Systems and Computing, 2014, , 173-182.	0.6	4

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55	WS-BP: An efficient wolf search based back-propagation algorithm. AIP Conference Proceedings, 2015, , .	0.4	4
56	Hybrid Contractive Auto-encoder with Restricted Boltzmann Machine For Multiclass Classification. Arabian Journal for Science and Engineering, 2021, 46, 9237-9251.	3.0	4
57	A novel state space reduction algorithm for team formation in social networks. PLoS ONE, 2021, 16, e0259786.	2.5	4
58	Hybrid Bat-BP: A New Intelligent Tool for Diagnosing Noise-Induced Hearing Loss (NIHL) in Malaysian Industrial Workers. Applied Mechanics and Materials, 0, 465-466, 652-656.	0.2	3
59	A new argumentative based reasoning framework with rough set for decision making. , 2017, , .		3
60	A Group-Based Feature Selection Approach to Improve Classification of Holy Quran Verses. Advances in Intelligent Systems and Computing, 2018, , 282-297.	0.6	3
61	Rough-Regression Model for Investigating Product Attributes and Purchase Decision. , 2018, , .		3
62	Studying the Effect of Optimizing Weights in Neural Networks with Meta-Heuristic Techniques. Lecture Notes in Electrical Engineering, 2019, , 323-330.	0.4	3
63	Second Order Learning Algorithm for Back Propagation Neural Networks. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1162.	0.4	3
64	An Improved Multi-layer Cooperation Routing in Visual Sensor Network for Energy Minimization. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 664-670.	0.4	3
65	Study on Database Management System Security Issues. International Journal on Informatics Visualization, 2017, 1, 192-194.	0.6	3
66	Rough Set Approach for Attributes Selection of Traditional Malay Musical Instruments Sounds Classification. Communications in Computer and Information Science, 2011, , 509-525.	0.5	3
67	Real-Time Wheat Classification System for Selective Herbicides Using Broad Wheat Estimation in Deep Neural Network. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 153-158.	0.4	3
68	A comparative analysis of classification techniques on predicting flood risk. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 1342.	0.8	3
69	An Improved Framework for Content- and Link-Based Web-Spam Detection: A Combined Approach. Complexity, 2021, 2021, 1-18.	1.6	3
70	A study on traditional Malay musical instruments sounds classification system. , 2009, , .		2
71	A New Modified Back-Propagation Algorithm for Forecasting Malaysian Housing Demand. Applied Mechanics and Materials, 0, 232, 908-912.	0.2	2
72	Cauchy criterion for the Henstock-Kurzweil integrability of fuzzy number-valued functions. , 2014, , .		2

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73	A New Approach for Protein Domain Prediction by Using Double Stage Neural Network. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 129-132.	0.3	2
74	Optimal Parameter Selection Using Three-term Back Propagation Algorithm for Data Classification. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2017, 7, 1528.	0.4	2
75	G-HABC Algorithm for Training Artificial Neural Networks. <i>International Journal of Applied Metaheuristic Computing</i> , 2012, 3, 1-19.	0.7	2
76	RMIL/AG: A New Class of Nonlinear Conjugate Gradient for Training Back Propagation Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 200-212.	0.6	2
77	The Development of New STEP-NĐ; Code Generator (Milling STEP Coder). <i>Applied Mechanics and Materials</i> , 0, 465-466, 667-671.	0.2	1
78	Classify a Protein Domain Using SVM Sigmoid Kernel. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 143-151.	0.6	1
79	Data classification using metaheuristic Cuckoo Search technique for Levenberg Marquardt back propagation (CSLM) algorithm. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
80	Optimizing Weights in Elman Recurrent Neural Networks with Wolf Search Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 11-20.	0.6	1
81	An improved flower pollination solution for economic dispatch with valve point effect. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2021, 22, 629.	0.8	1
82	Learning Efficiency Improvement of Back Propagation Algorithm by Adaptively Changing Gain Parameter together with Momentum and Learning Rate. <i>Communications in Computer and Information Science</i> , 2011, , 812-824.	0.5	1
83	Second Order Back Propagation Neural Network (SOBPNN) Algorithm for Medical Data Classification. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 73-83.	0.6	1
84	Optimized Weight Selection in Levenberg-Marquardt Back-Propagation Using Wolf Search. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 171-181.	0.4	1
85	Parkinson disease classification: a comparative analysis on classification techniques. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 18, 1351.	0.8	1
86	A Comprehensive Convolutional Neural Network Survey to Detect Glaucoma Disease. <i>Mobile Information Systems</i> , 2022, 2022, 1-10.	0.6	1
87	Temperature forecasting with a dynamic higher-order neural network model. , 2011, , .		0
88	Defective Casting Diagnosing via an Enhanced Knowledge Hyper-Surface Method. <i>Applied Mechanics and Materials</i> , 0, 229-231, 684-689.	0.2	0
89	AN ACCELERATED PARTICLE SWARM OPTIMIZED BACK PROPAGATION ALGORITHM. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	0
90	HAPSOENN: Hybrid Accelerated Particle Swarm Optimized Elman Neural Network. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 315-322.	0.4	0

#	ARTICLE	IF	CITATIONS
91	The Effect of Two-Term Parameters on the Performance of Third-Order Neural Network on Medical Classification Problems. Lecture Notes in Networks and Systems, 2019, , 93-101.	0.7	0
92	Measuring the BDARX Architecture by Agent Oriented System: A Case Study. International Journal of Integrated Engineering, 2018, 10, .	0.4	0
93	An Enhanced Model for Digital Reference Services. Advances in Intelligent Systems and Computing, 2020, , 3-14.	0.6	0
94	BAT algorithm used for load balancing purpose in cloud computing: an overview. International Journal of High Performance Computing and Networking, 2020, 16, 43.	0.4	0
95	Arabic text semantic-based query expansion. International Journal of Data Mining, Modelling and Management, 2022, 14, 30.	0.1	0