

An evolutionary artificial neural networks approach for

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Coordination and synchronization of locomotion in a virtual robot. , 0, , .		4
3	Pareto neuro-evolution: constructing ensemble of neural networks using multi-objective optimization. , 0, , .		62
4	Searching under Multi-evolutionary Pressures. Lecture Notes in Computer Science, 2003, , 391-404.	1.0	37
5	Intelligent Forecast Procedures for Slope Stability with Evolutionary Artificial Neural Network. Lecture Notes in Computer Science, 2004, , 792-798.	1.0	1
6	Automatic Generation of Controllers for Embodied Legged Organisms: A Pareto Evolutionary Multi-Objective Approach. Evolutionary Computation, 2004, 12, 355-394.	2.3	30
7	OPTIMIZING FORECAST MODEL COMPLEXITY USING MULTI-OBJECTIVE EVOLUTIONARY ALGORITHMS. Advances in Natural Computation, 2004, , 675-700.	0.1	6
8	Prediction of the axillary lymph node status in mammary cancer on the basis of clinicopathological data and flow cytometry. Medical and Biological Engineering and Computing, 2004, 42, 733-739.	1.6	16
9	Predicting breast cancer survivability: a comparison of three data mining methods. Artificial Intelligence in Medicine, 2005, 34, 113-127.	3.8	890
10	Modified differential evolution: a greedy random strategy for genetic recombination. Omega, 2005, 33, 255-265.	3.6	67
11	Data mining in health and medical information. Annual Review of Information Science & Technology, 2005, 38, 331-369.	2.6	22
13	Multi-objective Model Selection for Support Vector Machines. Lecture Notes in Computer Science, 2005, , 534-546.	1.0	46
14	High-sensitivity and specificity of laser-induced autofluorescence spectra for detection of colorectal cancer with an artificial neural network. Applied Optics, 2005, 44, 4004.	2.1	8
15	Pareto Evolutionary Neural Networks. IEEE Transactions on Neural Networks, 2005, 16, 338-354.	4.8	83
16	Prediction of burn healing time using artificial neural networks and reflectance spectrometer. Burns, 2005, 31, 415-420.	1.1	57
17	Problem Domains. , 2005, , 189-265.		0
18	Designing Radial Basis Function Networks for Classification Using Differential Evolution. , 2006, , .		8
19	Multi-Objective Optimization of Support Vector Machines. , 2006, , 199-220.		48
21	Designing Radial Basis Function Networks for Classification Using Differential Evolution. , 0, , .		0

#	ARTICLE	IF	CITATIONS
22	A Pareto evolutionary artificial neural network approach for remote sensing image classification. , 2006, , .		1
23	Evolutionary algorithms for training neural networks. , 2006, , .		0
24	Application of Differential Evolution in System Identification of Servo-Hydraulic System With a Flexible Load. , 2006, , 241.		1
25	A GAs based approach for mining breast cancer pattern. Expert Systems With Applications, 2006, 30, 674-681.	4.4	54
26	An economical cognitive approach for bi-objective optimization using bliss points, visualization, and interaction. Soft Computing, 2006, 10, 687-698.	2.1	7
27	Diagnosis of the macular diseases from pattern electroretinography signals using artificial neural networks. Expert Systems With Applications, 2006, 30, 361-366.	4.4	13
28	Neural network-based diagnostic and prognostic estimations in breast cancer microscopic instances. Medical and Biological Engineering and Computing, 2006, 44, 773-784.	1.6	29
29	Breast Cancer Diagnosis via Support Vector Machines. , 2006, , .		7
30	A subset polynomial neural networks approach for breast cancer diagnosis. International Journal of Electronic Healthcare, 2007, 3, 293.	0.2	7
32	Evolutionary Algorithms for Solving Multi-Objective Problems. , 2007, , .		911
33	A Hybrid Data Mining Approach for Knowledge Extraction and Classification in Medical Databases. , 2007, , .		9
34	Multiobjective Evolution of Neural Controllers and Task Complexity. , 2007, 23, 1225-1234.		26
35	The Use of Artificial Neural Networks for the Diagnosis and Estimation of Prognosis in Cancer Patients. , 2007, , 243-259.		3
36	A novel cognitive interpretation of breast cancer thermography with complementary learning fuzzy neural memory structure. Expert Systems With Applications, 2007, 33, 652-666.	4.4	100
37	Clinical data analysis using artificial neural networks (ANN) and principal component analysis (PCA) of patients with breast cancer after mastectomy. Reports of Practical Oncology and Radiotherapy, 2007, 12, 9-17.	0.3	21
38	Comparison of different classification algorithms in clinical decision-making. Expert Systems, 2007, 24, 17-31.	2.9	60
39	Cancer classification using ensemble of neural networks with multiple significant gene subsets. Applied Intelligence, 2007, 26, 243-250.	3.3	86
40	Genetic programming for medical classification: a program simplification approach. Genetic Programming and Evolvable Machines, 2008, 9, 229-255.	1.5	31

#	ARTICLE	IF	CITATIONS
41	Advances in evolutionary feature selection neural networks with co-evolution learning. Neural Computing and Applications, 2008, 17, 217-226.	3.2	0
42	Application of Differential Evolution in system identification of a servo-hydraulic system with a flexible load. Mechatronics, 2008, 18, 513-528.	2.0	47
43	Evolutionary ensemble of diverse artificial neural networks using speciation. Neurocomputing, 2008, 71, 1604-1618.	3.5	21
44	Interference-less neural network training. Neurocomputing, 2008, 71, 3509-3524.	3.5	17
45	Neural network construction and training using grammatical evolution. Neurocomputing, 2008, 72, 269-277.	3.5	75
47	Design of MLP using Evolutionary Strategy with Variable Length Chromosomes. , 2008, , .		0
48	Multiobjective Hybrid Optimization and Training of Recurrent Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 381-403.	5.5	46
49	A genetic algorithm for multiobjective training of ANFIS fuzzy networks. , 2008, , .		10
50	Enhanced Strength Pareto Differential Evolution (ESPDE): An Extension of Differential Evolution for Multi-objective Optimization. , 2008, , .		3
51	Real-Parameter Optimization with Modified Differential Evolution. , 2008, , .		1
52	A novel differential evolution scheme combined with particle swarm intelligence. , 2008, , .		1
53	Particle Swarm Optimised polynomial neural network for classification: a multi-objective view. International Journal of Intelligent Defence Support Systems, 2008, 1, 225.	0.1	2
55	Assessment of features quality of class discrimination using arif index and its application to physiological datasets. , 2009, , .		0
56	Swarm Intelligence for Multi-objective Problems in Data Mining. Studies in Computational Intelligence, 2009, , .	0.7	14
57	Intensity Evaluation of Urban Land Use Based on Back-Propagation Artificial Neural Networks. , 2009, , .		0
58	Methods of interpretation of a non-stationary fuzzy system for the treatment of breast cancer. , 2009, , .		3
59	Algorithmic guided screening of drug combinations of arbitrary size for activity against cancer cells. Molecular Cancer Therapeutics, 2009, 8, 521-532.	1.9	46
60	Conserved Self Pattern Recognition Algorithm with Novel Detection Strategy Applied to Breast Cancer Diagnosis. Journal of Artificial Evolution and Applications, 2009, 2009, 1-12.	1.8	2

#	ARTICLE	IF	CITATIONS
61	Breast cancer diagnosis using an artificial neural network trained by group search optimizer. Transactions of the Institute of Measurement and Control, 2009, 31, 517-531.	1.1	24
62	A fuzzy neural network with fuzzy impact grades. Neurocomputing, 2009, 72, 3098-3122.	3.5	24
63	The Pareto operating curve for risk minimization. Artificial Life and Robotics, 2009, 14, 449-452.	0.7	8
64	Differential evolution for solving multi-mode resource-constrained project scheduling problems. Computers and Operations Research, 2009, 36, 2653-2659.	2.4	135
65	Multi-criterion Pareto based particle swarm optimized polynomial neural network for classification: A review and state-of-the-art. Computer Science Review, 2009, 3, 19-40.	10.2	41
66	Selective negative correlation learning approach to incremental learning. Neurocomputing, 2009, 72, 2796-2805.	3.5	24
68	Memetic Compact Differential Evolution for Cartesian Robot Control. IEEE Computational Intelligence Magazine, 2010, 5, 54-65.	3.4	154
69	Memetic Computationâ€™Past, Present & Future [Research Frontier. IEEE Computational Intelligence Magazine, 2010, 5, 24-31.	3.4	379
70	Differential Evolution for learning the classification method PROAFTN. Knowledge-Based Systems, 2010, 23, 418-426.	4.0	30
71	Breast-Cancer identification using HMM-fuzzy approach. Computers in Biology and Medicine, 2010, 40, 240-251.	3.9	29
72	An Evolutionary Artificial Neural Network Approach for Breast Cancer Diagnosis. , 2010, , .		8
73	Designing an Artificial Immune System-Based Machine Learning Classifier for Medical Diagnosis. Lecture Notes in Computer Science, 2010, , 333-341.	1.0	6
74	A statistical framework for evaluating neural networks to predict recurrent events in breast cancer. International Journal of General Systems, 2010, 39, 471-488.	1.2	15
75	Learning Artificial Neural Networks multiclassifiers by evolutionary multiobjective differential evolution guided by statistical distributions. , 2010, , .		1
76	Breast cancer diagnosis using a hybrid evolutionary neural network classifier. , 2010, , .		6
78	Advances in Swarm Intelligence. Lecture Notes in Computer Science, 2010, , .	1.0	17
79	Assessing the Intensity of Urban Land Use Based on Radial Basis Function Network. , 2010, , .		0
80	A Genetic Algorithms-based Approach for Selecting the Most Relevant Input Variables in Classification Tasks. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
81	Visualization of high dimensional data using Similarity-Dissimilarity plot. , 2010, , .		0
82	Lung carcinoma pigeonholing and vaticination by interspersed approach. , 2010, , .		0
83	Sensitivity Versus Accuracy in Multiclass Problems Using Memetic Pareto Evolutionary Neural Networks. IEEE Transactions on Neural Networks, 2010, 21, 750-770.	4.8	139
84	Breast Carcinoma Pigeonholing and Vaticination Using an Interspersed and Malleable Approach. , 2010, , .		0
85	Selecting the best artificial neural network model from a multi-objective Differential Evolution Pareto front. , 2011, , .		1
86	A Differential Evolution-Based System Supporting Medical Diagnosis through Automatic Knowledge Extraction from Databases. , 2011, , .		4
87	Cancer tissues recognition system using box counting method and artificial neural network. , 2011, , .		5
88	Heuristic approaches for optimizing the performance of rule-based classifiers. , 2011, , .		0
89	Predicting Malignancy from Mammography Findings and Surgical Biopsies. , 2011, 2011, .		2
90	C-Support Vector Classification: Selection of kernel and parameters in medical diagnosis. , 2011, , .		17
91	Natural computation: evolving solutions to complex problems. , 0, , 213-233.		0
92	Memetic Elitist Pareto Differential Evolution algorithm based Radial Basis Function Networks for classification problems. Applied Soft Computing Journal, 2011, 11, 5565-5581.	4.1	80
93	The use of coevolution and the artificial immune system for ensemble learning. Soft Computing, 2011, 15, 1735-1747.	2.1	12
94	Exploring comprehensible classification rules from trained neural networks integrated with a time-varying binary particle swarm optimizer. Engineering Applications of Artificial Intelligence, 2011, 24, 491-500.	4.3	20
95	Memetic Pareto Evolutionary Artificial Neural Networks to determine growth/no-growth in predictive microbiology. Applied Soft Computing Journal, 2011, 11, 534-550.	4.1	25
96	Novel classification method for sensitive problems and uneven datasets based on neural networks and fuzzy logic. Applied Soft Computing Journal, 2011, 11, 2383-2390.	4.1	39
97	Polynomial-based radial basis function neural networks (P-RBF NNs) realized with the aid of particle swarm optimization. Fuzzy Sets and Systems, 2011, 163, 54-77.	1.6	98
98	Radial basis function network based on time variant multi-objective particle swarm optimization for medical diseases diagnosis. Applied Soft Computing Journal, 2011, 11, 1427-1438.	4.1	173

#	ARTICLE	IF	CITATIONS
99	Evolutionary q-Gaussian Radial Basis Function Neural Network to determine the microbial growth/no growth interface of Staphylococcus aureus. Applied Soft Computing Journal, 2011, 11, 3012-3020.	4.1	19
100	Virtual simulation of the postsurgical cosmetic outcome in patients with Pectus Excavatum. , 2011, , .		3
101	Quantum Memetic Evolutionary Algorithm-Based Low-Complexity Signal Detection for Underwater Acoustic Sensor Networks. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 626-640.	3.3	11
102	MT-CGP. , 2012, , .		27
103	Breast cancer detection using cartesian genetic programming evolved artificial neural networks. , 2012, , .		40
104	A STRUCTURAL DISTANCE-BASED CROSSOVER FOR NEURAL NETWORK CLASSIFIERS. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1250012.	0.7	0
105	The Influence of Metamodeling Techniques on the Multidisciplinary Design Optimization of a Radial Compressor Impeller. , 2012, , .		5
106	Behavioral and Physiological Neural Network Analyses: A Common Pathway Toward Pattern Recognition and Prediction. Psychological Record, 2012, 62, 579-598.	0.6	7
107	Rough sets and genetic algorithms: A hybrid approach to breast cancer classification. , 2012, , .		7
108	Real-time recognition of patient intentions from sequences of pressure maps using artificial neural networks. Computers in Biology and Medicine, 2012, 42, 364-375.	3.9	7
109	Memetic algorithms and memetic computing optimization: A literature review. Swarm and Evolutionary Computation, 2012, 2, 1-14.	4.5	498
110	Neural Networks and Decision Trees For Eye Diseases Diagnosis. , 0, , .		5
111	A two-stage evolutionary algorithm based on sensitivity and accuracy for multi-class problems. Information Sciences, 2012, 197, 20-37.	4.0	10
112	An intelligent model for the classification of childrenâ€™s occupational therapy problems. Expert Systems With Applications, 2012, 39, 5233-5242.	4.4	13
113	A multi-objective neural network based method for cover crop identification from remote sensed data. Expert Systems With Applications, 2012, 39, 10038-10048.	4.4	31
114	Multi-objective hybrid evolutionary algorithms for radial basis function neural network design. Knowledge-Based Systems, 2012, 27, 475-497.	4.0	68
115	A fast and adaptive automated disease diagnosis method with an innovative neural network model. Neural Networks, 2012, 33, 88-96.	3.3	31
116	Probabilistic neural network for breast cancer classification. Neural Computing and Applications, 2013, 23, 1737-1751.	3.2	104

#	ARTICLE	IF	CITATIONS
117	A genetic algorithm-based multi-objective optimization of an artificial neural network classifier for breast cancer diagnosis. <i>Neural Computing and Applications</i> , 2013, 23, 1427-1435.	3.2	33
118	Superior neuro-fuzzy classification systems. <i>Neural Computing and Applications</i> , 2013, 23, 55-72.	3.2	29
119	Prediction of lung tumor types based on protein attributes by machine learning algorithms. <i>SpringerPlus</i> , 2013, 2, 238.	1.2	35
120	Re-sampled inheritance search: high performance despite the simplicity. <i>Soft Computing</i> , 2013, 17, 2235-2256.	2.1	28
121	Tissues image retrieval system based on co-occurrence, run length and roughness features. , 2013, , .		3
122	Memetic multiobjective particle swarm optimization-based radial basis function network for classification problems. <i>Information Sciences</i> , 2013, 239, 165-190.	4.0	58
123	Predicting patient survival after liver transplantation using evolutionary multi-objective artificial neural networks. <i>Artificial Intelligence in Medicine</i> , 2013, 58, 37-49.	3.8	59
124	Fast learning neural networks using Cartesian genetic programming. <i>Neurocomputing</i> , 2013, 121, 274-289.	3.5	77
125	Differential Evolution for automatic rule extraction from medical databases. <i>Applied Soft Computing Journal</i> , 2013, 13, 1265-1283.	4.1	59
126	Adaptive Memetic Differential Evolution with Global and Local neighborhood-based mutation operators. <i>Information Sciences</i> , 2013, 241, 164-194.	4.0	95
127	Computer-aided detection/diagnosis of breast cancer in mammography and ultrasound: a review. <i>Clinical Imaging</i> , 2013, 37, 420-426.	0.8	280
128	An Intelligent Garbage Can Decision-Making Model Evolution Algorithm on Optimal Design of Fuzzy Controller of Intelligent Lighting Systems. <i>Applied Mechanics and Materials</i> , 2013, 284-287, 2215-2219.	0.2	0
129	A new intelligent classifier for breast cancer diagnosis based on a rough set and extreme learning machine: RS + ELM. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2013, 21, 2079-2091.	0.9	21
130	An empirical study on Multivariate Data in medical decision making environment. , 2013, , .		0
131	A new niching method for the direction-based multi-objective evolutionary algorithm. , 2013, , .		3
132	Introduction to Computational Intelligence Techniques and Areas of Their Applications in Medicine. , 2013, , 69-88.		2
133	A medical diagnosis support system based on automatic knowledge extraction from databases through differential evolution. <i>International Journal of Data Mining and Bioinformatics</i> , 2013, 8, 396.	0.1	0
134	State-of-the-Art Neural Networks Applications in Biology. <i>International Journal of Systems Biology and Biomedical Technologies</i> , 2013, 2, 63-85.	0.2	2

#	ARTICLE	IF	CITATIONS
136	Textural features based computer aided diagnostic system for mammogram mass classification. , 2014, , .		12
137	Recent Advances on Soft Computing and Data Mining. Advances in Intelligent Systems and Computing, 2014, , .	0.5	3
138	A Memetic Approach for Improving Minimum Cost of Economic Load Dispatch Problems. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	13
139	A survey on breast cancer analysis using data mining techniques. , 2014, , .		13
140	Hybrid NSGA-II of Three-Term Backpropagation network for multiclass classification problems. , 2014, , .		1
141	From data to granular data and granular classifiers. , 2014, , .		5
142	A new and fast image feature selection method for developing an optimal mammographic mass detection scheme. Medical Physics, 2014, 41, 081906.	1.6	9
143	Adaptive GA-NN for MDF Prediction Model. Advanced Materials Research, 2014, 980, 214-218.	0.3	0
144	Multiobjective Differential Evolutionary Neural Network for Multi Class Pattern Classification. Advances in Intelligent Systems and Computing, 2014, , 679-689.	0.5	1
145	Differential Evolution algorithms applied to Neural Network training suffer from stagnation. Applied Soft Computing Journal, 2014, 21, 382-406.	4.1	81
146	Knowledge discovery in medicine: Current issue and future trend. Expert Systems With Applications, 2014, 41, 4434-4463.	4.4	196
147	Metrics to guide a multi-objective evolutionary algorithm for ordinal classification. Neurocomputing, 2014, 135, 21-31.	3.5	74
148	Classification of Images Acquired with Colposcopy Using Artificial Neural Networks. Cancer Informatics, 2014, 13, CIN.S17948.	0.9	35
149	Multi-class classification using Cuckoo Search based hybrid network. , 2015, , .		2
150	Using neural networks and SVMs for automatic medical diagnosis: A comprehensive review. , 2015, , .		4
151	Predicting malignancy from mammography findings and image-guided core biopsies. International Journal of Data Mining and Bioinformatics, 2015, 11, 257.	0.1	9
152	Parameter Optimization of Single-Diode Model of Photovoltaic Cell Using Memetic Algorithm. International Journal of Photoenergy, 2015, 2015, 1-7.	1.4	18
153	Application of bio-inspired krill herd algorithm for breast cancer classification and diagnosis. Indian Journal of Science and Technology, 2015, 8, .	0.5	3

#	ARTICLE	IF	CITATIONS
154	A Method for Classification Using Data Mining Technique for Diabetes: A Study of Health Care Information System. International Journal of Healthcare Information Systems and Informatics, 2015, 10, 1-23.	1.0	10
155	Classification of post operative breast cancer patient information using complex valued neural classifiers. , 2015, , .		2
156	Effects of data complexity on the intelligent diagnostic reasoning. , 2015, , .		0
157	Intelligent multi-objective classifier for breast cancer diagnosis based on multilayer perceptron neural network and Differential Evolution. , 2015, , .		9
158	Diabetes determination via vortex optimization algorithm based support vector machines. , 2015, , .		10
159	Method of Extrapolating Low Speed Compressor Curves Based on Improved Similarity Laws. , 2015, , .		2
160	Artificial neural networks for infectious diarrhea prediction using meteorological factors in Shanghai (China). Applied Soft Computing Journal, 2015, 35, 280-290.	4.1	59
161	HIFCF: An effective hybrid model between picture fuzzy clustering and intuitionistic fuzzy recommender systems for medical diagnosis. Expert Systems With Applications, 2015, 42, 3682-3701.	4.4	161
162	Active Learning in Context-Driven Stream Mining With an Application to Image Mining. IEEE Transactions on Image Processing, 2015, 24, 3666-3679.	6.0	17
163	Evolutionary optimization of neural networks with heterogeneous computation: study and implementation. Journal of Supercomputing, 2015, 71, 2944-2962.	2.4	6
164	Data mining in medicine: Current issues and future trends. , 2015, , .		1
165	Adaptive mechanism for GA-NN to enhance prediction model. , 2015, , .		4
166	A GA-based feature selection and parameter optimization of an ANN in diagnosing breast cancer. Pattern Analysis and Applications, 2015, 18, 861-870.	3.1	88
167	Inverse Modeling: Theory and Engineering Examples. , 2016, , .		0
168	Interpretable models to predict Breast Cancer. , 2016, , .		8
169	Study of Complex-valued Learning algorithms for Post-surgery survival prediction. , 2016, , .		0
170	A Radial Basis Function Neural Network Training Mechanism for Pattern Classification Tasks. , 2016, , 193-206.		1
171	A modelling approach for evaluating the effects of design variables on bridge condition ratings. Journal of Structural Integrity and Maintenance, 2016, 1, 167-176.	0.7	7

#	ARTICLE	IF	CITATIONS
172	An immune-inspired semi-supervised algorithm for breast cancer diagnosis. Computer Methods and Programs in Biomedicine, 2016, 134, 259-265.	2.6	57
173	An evolutionary optimization framework for neural networks and neuromorphic architectures. , 2016, , .		51
174	Optimizing the Learning Process of Feedforward Neural Networks Using Lightning Search Algorithm. International Journal on Artificial Intelligence Tools, 2016, 25, 1650033.	0.7	57
175	Evaluation of supervised machine-learning algorithms to distinguish between inflammatory bowel disease and alimentary lymphoma in cats. Journal of Veterinary Diagnostic Investigation, 2016, 28, 679-687.	0.5	17
176	An adaptive online learning framework for practical breast cancer diagnosis. , 2016, , .		1
177	Extreme learning machine based approach for diagnosis and analysis of breast cancer. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2016, 39, 74-78.	0.6	6
178	Learning of Fuzzy Cognitive Maps With Varying Densities Using A Multiobjective Evolutionary Algorithm. IEEE Transactions on Fuzzy Systems, 2016, 24, 71-81.	6.5	58
179	DEANN: A healthcare analytic methodology of data envelopment analysis and artificial neural networks for the prediction of organ recipient functional status. Omega, 2016, 58, 46-54.	3.6	64
180	Breast cancer diagnosis using GA feature selection and Rotation Forest. Neural Computing and Applications, 2017, 28, 753-763.	3.2	222
181	Knowledge-guided mutation in classification rules for autism treatment efficacy. Health Informatics Journal, 2017, 23, 56-68.	1.1	1
182	Co-Operative Coevolutionary Neural Networks for Mining Functional Association Rules. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1331-1344.	7.2	19
183	A Modified Parallel Learning Vector Quantization Algorithm for Real-Time Hardware Applications. Journal of Circuits, Systems and Computers, 2017, 26, 1750156.	1.0	3
184	Evolving multi-objective neural networks using differential evolution for dynamic economic emission dispatch. , 2017, , .		4
185	Machine learning approach for breast cancer localization. , 2017, , .		7
186	Stage-specific predictive models for breast cancer survivability. International Journal of Medical Informatics, 2017, 97, 304-311.	1.6	57
187	Bayesian linear discriminant analysis for breast cancer classification. , 2017, , .		18
188	Knowledge Computing and Its Applications. , 2018, , .		1
189	Predicting host CPU utilization in the cloud using evolutionary neural networks. Future Generation Computer Systems, 2018, 86, 162-173.	4.9	75

#	ARTICLE	IF	CITATIONS
190	Breast Cancer Classification Using Deep Neural Networks. , 2018, , 227-241.		42
191	The Emergence of Stimulus Relations: Human and Computer Learning. Perspectives on Behavior Science, 2018, 41, 121-154.	1.1	12
192	Optimization of K-NN algorithm by clustering and reliability coefficients: application to breast-cancer diagnosis. Procedia Computer Science, 2018, 127, 293-299.	1.2	62
193	A decision support system for Acute Leukaemia classification based on digital microscopic images. AEJ - Alexandria Engineering Journal, 2018, 57, 2319-2332.	3.4	76
194	Improving the Accuracy of SVM Algorithm in Classification Problems with PCA Method. Advances in Intelligent Systems and Computing, 2018, , 66-73.	0.5	0
195	Identifying free-text features to improve automated classification of structured histopathology reports for feline small intestinal disease. Journal of Veterinary Diagnostic Investigation, 2018, 30, 211-217.	0.5	9
196	Improved Cost-Sensitive Support Vector Machine Classifier for Breast Cancer Diagnosis. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	24
197	Automated Detection of Benign and Malignant in Breast Histopathology Images. , 2018, , .		8
198	Classification of Mammogram Images: A Survey. , 2018, , .		0
199	Intelligent Breast Cancer Diagnosis Based on Enhanced Pareto Optimal and Multilayer Perceptron Neural Network. International Journal of Computer Aided Engineering and Technology, 2018, 10, 543.	0.1	13
200	A Constraint Handling Technique for Implementing Multi-Objective Evolutionary Neural Networks. , 2018, , .		0
201	Sistema Predictivo Bayesiano para Detecci3n del C4ncer de Mama. Informacion Tecnologica (discontinued), 2018, 29, 257-270.	0.1	2
202	Memetic Algorithms. , 2018, , 607-638.		9
203	An improved <i>k</i> -nearest neighbour method to diagnose breast cancer. Analyst, The, 2018, 143, 2807-2811.	1.7	35
204	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. Designs, 2018, 2, 13.	1.3	150
205	An optimum ANN-based breast cancer diagnosis: Bridging gaps between ANN learning and decision-making goals. Applied Soft Computing Journal, 2018, 72, 108-120.	4.1	65
206	Optimization of Deep Neural Networks Using SoCs with OpenCL. Sensors, 2018, 18, 1384.	2.1	5
207	A performance comparison between shallow and deeper neural networks supervised classification of tomosynthesis breast lesions images. Cognitive Systems Research, 2019, 53, 3-19.	1.9	34

#	ARTICLE	IF	CITATIONS
208	Multi-step Training of a Generalized Linear Classifier. <i>Neural Processing Letters</i> , 2019, 50, 1341-1360.	2.0	26
209	Design and specification of analog artificial neural network. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	1
210	Improving prediction accuracy of classification model using cascading ensemble classifiers. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 299, 012025.	0.2	3
211	Decision Support for Breast Cancer Detection: Classification Improvement Through Feature Selection. <i>Cancer Control</i> , 2019, 26, 107327481987659.	0.7	21
212	Adaptive memetic method of multi-objective genetic evolutionary algorithm for backpropagation neural network. <i>Neural Computing and Applications</i> , 2019, 31, 4945-4962.	3.2	18
213	Learning what we don't care about: Anti-training with sacrificial functions. <i>Information Sciences</i> , 2019, 496, 198-211.	4.0	0
214	A Random Forest based predictor for medical data classification using feature ranking. <i>Informatics in Medicine Unlocked</i> , 2019, 15, 100180.	1.9	126
216	Review of Medical Decision Support and Machine-Learning Methods. <i>Veterinary Pathology</i> , 2019, 56, 512-525.	0.8	56
217	Training of feedforward neural networks for data classification using hybrid particle swarm optimization, Mantegna Lévy flight and neighborhood search. <i>Heliyon</i> , 2019, 5, e01275.	1.4	40
218	A Review of Machine Learning for Healthcare Informatics Specifically Tuberculosis Disease Diagnostics. <i>Communications in Computer and Information Science</i> , 2019, , 50-61.	0.4	4
219	Using Resistin, Glucose, Age and BMI and Pruning Fuzzy Neural Network for the Construction of Expert Systems in the Prediction of Breast Cancer. <i>Machine Learning and Knowledge Extraction</i> , 2019, 1, 466-482.	3.2	48
220	Spherical Bounding Classifier using CGP Generated Transforms. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 495, 012016.	0.3	1
221	Breast Cancer Detection in the IOT Health Environment Using Modified Recursive Feature Selection. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-19.	0.8	62
222	Explainable Machine Learning for Breast Cancer Diagnosis. , 2019, , .		8
223	Medical Image Classification Algorithm Based on Weight Initialization-Sliding Window Fusion Convolutional Neural Network. <i>Complexity</i> , 2019, 2019, 1-15.	0.9	10
224	Computer-assisted frameworks for classification of liver, breast and blood neoplasias via neural networks: A survey based on medical images. <i>Neurocomputing</i> , 2019, 335, 274-298.	3.5	51
225	Normalized Neural Networks for Breast Cancer Classification. <i>IFMBE Proceedings</i> , 2020, , 519-524.	0.2	18
226	Improved GWO for large-scale function optimization and MLP optimization in cancer identification. <i>Neural Computing and Applications</i> , 2020, 32, 1305-1325.	3.2	26

#	ARTICLE	IF	CITATIONS
227	Kinship-based differential evolution algorithm for unconstrained numerical optimization. <i>Nonlinear Dynamics</i> , 2020, 99, 1341-1361.	2.7	3
228	A novel integrated diagnosis method for breast cancer detection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 2383-2398.	0.8	31
229	Applications of Computational Methods in Biomedical Breast Cancer Imaging Diagnostics: A Review. <i>Journal of Imaging</i> , 2020, 6, 105.	1.7	21
230	Prediction Breast Cancer as Benign or Malignant in Apache Spark Framework. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 928, 032046.	0.3	0
231	Breast cancer identification and prognosis with machine learning techniques - An elucidative review. <i>Journal of Interdisciplinary Mathematics</i> , 2020, 23, 503-521.	0.4	11
232	A neural network approach to predicting and computing knot invariants. <i>Journal of Knot Theory and Its Ramifications</i> , 2020, 29, 2050005.	0.1	6
233	IMPROVED MACHINE LEARNING TECHNIQUE FOR SOLVING HAUSDORFF DERIVATIVE DIFFUSION EQUATIONS. <i>Fractals</i> , 2020, 28, 2050071.	1.8	3
234	The top 100 most cited articles in medical artificial intelligence: a bibliometric analysis. <i>Journal of Medical Artificial Intelligence</i> , 2020, 3, 3-3.	1.1	5
235	Feature selection and classification using support vector machine and decision tree. <i>Computational Intelligence</i> , 2020, 36, 1480-1492.	2.1	2
236	A novel diagnostic method for pituitary adenoma based on magnetic resonance imaging using a convolutional neural network. <i>Pituitary</i> , 2020, 23, 246-252.	1.6	17
237	Histopathological Image Analysis for Breast Cancer Detection Using Cubic SVM. , 2020, , .		22
238	Application of decision tree-based ensemble learning in the classification of breast cancer. <i>Computers in Biology and Medicine</i> , 2021, 128, 104089.	3.9	106
239	Detailed Review on Breast Cancer Diagnosis Using Different ML Algorithms. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2021, , 503-522.	0.5	2
240	Decision Support System for Diabetes Classification Using Data Mining Techniques. , 2021, , 1091-1113.		0
241	A Novel Fuzzy Frequent Itemsets Mining Approach for the Detection of Breast Cancer. <i>International Journal of Information Retrieval Research</i> , 2021, 11, 36-53.	0.6	3
242	Computational intelligence techniques for cancer diagnosis. , 2021, , 95-110.		0
243	Internet of things and other emerging technologies in digital pathology. , 2021, , 301-312.		0
244	A novel fuzzy expert system design to assist with peptic ulcer disease diagnosis. <i>Cogent Engineering</i> , 2021, 8, .	1.1	8

#	ARTICLE	IF	CITATIONS
245	Comparison of Diagnosis Accuracy between a Backpropagation Artificial Neural Network Model and Linear Regression in Digestive Disease Patients: an Empirical Research. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	0.7	12
246	Stacking-Based Ensemble Framework and Feature Selection Technique for the Detection of Breast Cancer. SN Computer Science, 2021, 2, 1.	2.3	16
247	An automated breast cancer diagnosis using feature selection and parameter optimization in ANN. Computers and Electrical Engineering, 2021, 90, 106958.	3.0	41
248	A hybrid artificial bee colony with whale optimization algorithm for improved breast cancer diagnosis. Neural Computing and Applications, 2021, 33, 13667-13691.	3.2	37
249	Detection of Breast Cancer Based on Fuzzy Frequent Itemsets Mining. Irbm, 2021, 42, 198-206.	3.7	13
251	An Optimization Algorithm for Computer-Aided Diagnosis of Breast Cancer Based on Support Vector Machine. Frontiers in Bioengineering and Biotechnology, 2021, 9, 698390.	2.0	3
252	Machine Learning Based Computer Aided Diagnosis of Breast Cancer Utilizing Anthropometric and Clinical Features. Irbm, 2021, 42, 215-226.	3.7	33
253	A systematic survey of deep learning in breast cancer. International Journal of Intelligent Systems, 2022, 37, 152-216.	3.3	29
254	Differential evolution and particle swarm optimization against COVID-19. Artificial Intelligence Review, 2022, 55, 2149-2219.	9.7	3
255	Physics-constrained deep learning for solving seepage equation. Journal of Petroleum Science and Engineering, 2021, 206, 109046.	2.1	13
256	Computer-aided detection of breast cancer on the Wisconsin dataset: An artificial neural networks approach. Biomedical Signal Processing and Control, 2022, 71, 103141.	3.5	40
257	Innovative classification, regression model for predicting various diseases. , 2021, , 179-203.		5
258	Simultaneous Generation of Accurate and Interpretable Neural Network Classifiers. , 2006, , 291-312.		23
259	Pareto-Optimal Approaches to Neuro-Ensemble Learning. , 2006, , 407-427.		6
260	Method Based on Data Mining Techniques for Breast Cancer Recurrence Analysis. Lecture Notes in Computer Science, 2020, , 584-596.	1.0	5
261	Evolutionary Computation. , 2019, , 3-22.		10
262	Pareto Neuro-Ensembles. Lecture Notes in Computer Science, 2003, , 554-566.	1.0	16
263	Evolutionary Multi-objective Optimization for Simultaneous Generation of Signal-Type and Symbol-Type Representations. Lecture Notes in Computer Science, 2005, , 752-766.	1.0	23

#	ARTICLE	IF	CITATIONS
264	Multiobjective Evolutionary Neural Networks for Time Series Forecasting. , 2007, , 346-360.		8
265	Genesis of Organic Computing Systems: Coupling Evolution and Learning. Understanding Complex Systems, 2009, , 141-166.	0.3	2
266	Neural Network Inputs Selection for Breast Cancer Cells Classification. Studies in Computational Intelligence, 2009, , 1-11.	0.7	4
268	A Discrete Particle Swarm for Multi-objective Problems in Polynomial Neural Networks used for Classification: A Data Mining Perspective. Studies in Computational Intelligence, 2009, , 115-155.	0.7	1
269	A Classification method based on principal component analysis and differential evolution algorithm applied for prediction diagnosis from clinical EMR heart data sets. Adaptation, Learning, and Optimization, 2010, , 263-283.	0.5	18
270	Multi-objective Particle Swarm Optimization: Theory, Literature Review, and Application in Feature Selection for Medical Diagnosis. Algorithms for Intelligent Systems, 2020, , 175-201.	0.5	16
271	Flexible Distribution-Based Regression Models for Count Data: Application to Medical Diagnosis. Cybernetics and Systems, 2020, 51, 442-466.	1.6	8
272	Efficient Kernel Extreme Learning Machine and Neutrosophic C-means-based Attribute Weighting Method for Medical Data Classification. Journal of Circuits, Systems and Computers, 2020, 29, 2050260.	1.0	6
273	Diagnosing Breast Cancer Type by Using Probabilistic Neural Network in Decision Support System. International Journal of Knowledge Engineering, 2016, 2, 73-76.	0.2	10
274	Backpropagation Neural Network Based on Local Search Strategy and Enhanced Multi-objective Evolutionary Algorithm for Breast Cancer Diagnosis. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 609-615.	0.2	5
275	Application Of Ant Colony Algorithm And Principal Components Analysis In The Diagnosis Of Lung Cancer. Journal of Mathematics and Computer Science, 2014, 13, 343-352.	0.5	6
276	IDENTIFYING PATIENTS AT RISK OF BREAST CANCER THROUGH DECISION TREES. International Journal of Advanced Research in Computer Science, 2017, 8, 88-91.	0.0	9
277	Diabetes Diagnosis System Based on Support Vector Machines Trained by Vortex Optimization Algorithm. Advances in Bioinformatics and Biomedical Engineering Book Series, 2018, , 203-218.	0.2	3
279	Hybrid Data Mining for Medical Applications. , 2009, , 523-543.		0
280	An Evolutionary Artificial Neural Network for Medical Pattern Classification. Lecture Notes in Computer Science, 2009, , 475-482.	1.0	0
281	Breast Cancer Diagnosis Using WNN Based on GA. Lecture Notes in Computer Science, 2010, , 367-374.	1.0	1
282	Hybrid Differential Evolution for Knapsack Problem. Lecture Notes in Computer Science, 2010, , 505-512.	1.0	2
283	STUDYING THE RELEVANCE OF BREAST IMAGING FEATURES. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
285	Using Artificial Immune Recognition Systems in Order to Detect Early Breast Cancer. International Journal of Intelligent Systems and Applications, 2013, 5, 34-40.	0.9	7
286	Design of Optimized Pattern Recognizer by Means of Fuzzy Neural Networks Based on Individual Input Space. Han'gug Inteo'nes Bangsong Tongsin TV Haghoe Nonmunji, 2013, 13, 181-189.	0.1	2
288	Overview of Predictive Modeling Approaches in Health Care Data Mining. Advances in Data Mining and Database Management Book Series, 2014, , 349-370.	0.4	0
289	A Nodes Reduction Procedure for RBFNDDA through Histogram. Lecture Notes in Computer Science, 2014, , 127-134.	1.0	0
290	The Optimization Variables of Input Data of Artificial Neural Networks for Diagnosing Acute Appendicitis. Applied Mathematics and Information Sciences, 2014, 8, 339-343.	0.7	1
291	Avoiding the Cluster Hypothesis in SV Classification of Partially Labeled Data. Smart Innovation, Systems and Technologies, 2014, , 33-40.	0.5	0
292	A Comparative Study on Medical Diagnosis Using Predictive Data Mining. Advances in Data Mining and Database Management Book Series, 2014, , 327-360.	0.4	4
293	Artificial Neural Networks in Physical Therapy. , 2015, , 6358-6368.		0
294	HEURISTIC METHODS TO IDENTIFY FUZZY MEASURES APPLIED TO CHOQUET INTEGRAL CLASSIFICATION OF BREAST CANCER DATA. International Journal of Digital Information and Wireless Communications, 2015, 5, 124-140.	0.2	0
296	HYBRID NSGA-II OPTIMIZATION FOR IMPROVING THE THREE-TERM BP NETWORK FOR MULTICLASS CLASSIFICATION PROBLEMS. Journal of Information and Communication Technology, 0, , .	0.3	2
297	Memetic Algorithms. , 2016, , 1-32.		3
298	Overview of Predictive Modeling Approaches in Health Care Data Mining. , 2016, , 73-95.		1
299	A Comparative Study on Medical Diagnosis Using Predictive Data Mining. , 2016, , 923-954.		0
300	Diagnosis of Breast Cancer Using Intelligent Information Systems Techniques. International Journal of E-Health and Medical Communications, 2016, 7, 65-75.	1.4	3
301	Local Search Based Enhanced Multi-objective Genetic Algorithm of Training Backpropagation Neural Network for Breast Cancer Diagnosis. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 587-594.	0.5	1
302	A Constrained Multi-Objective Learning Algorithm for Feed-Forward Neural Network Classifiers. Engineering, Technology & Applied Science Research, 2017, 7, 1685-1693.	0.8	3
303	Application of Neural Network Methods Based on Genetic Algorithm for Breast Cancer Prediction. Tech-E, 2017, 1, 37.	0.1	0
304	Decision Support System for Diabetes Classification Using Data Mining Techniques. Advances in Healthcare Information Systems and Administration Book Series, 2018, , 281-303.	0.2	0

#	ARTICLE	IF	CITATIONS
305	Zeki Optimizasyon Tabanlı Destek Vektör Makineleri ile Diyabet Teşhisi. Journal of Polytechnic, 0, , .	0.4	5
306	A Method for Classification Using Data Mining Technique for Diabetes. , 2020, , 127-150.		0
307	A Lung Nodule Detector Based on U-Net and 3D-CNN Model. , 2021, , .		0
308	Mobile-Aided Breast Cancer Diagnosis by Deep Convolutional Neural Networks. Advances in Computer and Electrical Engineering Book Series, 2020, , 145-162.	0.2	0
309	Epidemiology of Breast Cancer (BC) and Its Early Identification via Evolving Machine Learning Classification Tools (MLCT) – A Study. Learning and Analytics in Intelligent Systems, 2020, , 109-119.	0.5	0
310	A Method for Classification Using Data Mining Technique for Diabetes. , 0, , 738-761.		0
311	Diagnosis of Breast Cancer Using Intelligent Information Systems Techniques. , 0, , 203-214.		1
312	A Method for Classification Using Data Mining Technique for Diabetes. , 0, , 426-449.		0
313	Diversity and Neuro-Ensemble. , 2005, , 125-156.		0
314	Evolutionary Bi-objective Learning with Lowest Complexity in Neural Networks: Empirical Comparisons. Lecture Notes in Computer Science, 2007, , 128-137.	1.0	1
315	Multi-Objective Optimization of Support Vector Machines. , 2006, , 199-220.		1
316	Integrating machine learning and physician knowledge to improve the accuracy of breast biopsy. AMIA ... Annual Symposium proceedings, 2011, 2011, 349-55.	0.2	4
318	Machine Learning for Breast Cancer Classification With ANN and Decision Tree. , 2020, , .		16
319	Diagnosis Using Data Mining Algorithms for Malignant Breast Cancer Cell Detection. , 2020, , .		4
321	Assessing machine learning techniques in forecasting lumpy skin disease occurrence based on meteorological and geospatial features. Tropical Animal Health and Production, 2022, 54, 55.	0.5	14
323	A Survey on Various Applications of Artificial Neural Networks in Selected Fields of Healthcare. , 0, , 20-59.		1
324	Role of Artificial Intelligence in Cancer Diagnosis and Drug Development. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 2141-2152.	0.6	2
325	Development of an evolutionary artificial neural network-based tool for selecting suitable enhanced oil recovery methods. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	0.8	3

#	ARTICLE	IF	CITATIONS
326	Prediction of Breast Cancer Using Machine Learning Techniques. BioScientific Review, 2022, 4, 59-75.	0.0	1
327	Feature Importance Score-Based Functional Link Artificial Neural Networks for Breast Cancer Classification. BioMed Research International, 2022, 2022, 1-8.	0.9	4
328	Cancer Detection using Artificial Neural Networking Techniques: A Study. , 2021, , .		1
329	Privacy-preserving Breast Cancer Prediction via Inner-Product Functional Encryption. , 2021, , .		0
330	A Comprehensive Survey on Deep-Learning-Based Breast Cancer Diagnosis. Cancers, 2021, 13, 6116.	1.7	34
331	Artificial Neural Network and Its Application Research Progress in Chemical Process. Asian Journal of Research in Computer Science, 0, , 177-185.	0.0	4
332	Big data based analytic model to predict and classify breast cancer using improved fractional rough fuzzy Kâ€means clustering and labeled ensemble classifier algorithm. Concurrency Computation Practice and Experience, 2022, 34, .	1.4	0
333	Learning Features Using an optimized Artificial Neural Network for Breast Cancer Diagnosis. SN Computer Science, 2022, 3, 1.	2.3	12
334	Simultaneous Generation of Accurate and Interpretable Neural Network Classifiers. , 2006, , 289-312.		0
335	Pareto-Optimal Approaches to Neuro-Ensemble Learning. , 2006, , 405-427.		0
336	Quality Evaluation of Ranunculaceae Essential Oil with the Artificial Neural Network. Security and Communication Networks, 2022, 2022, 1-9.	1.0	2
337	Artificial Intelligence and Machine Learning in Cancer Research: A Systematic and Thematic Analysis of the Top 100 Cited Articles Indexed in Scopus Database. Cancer Control, 2022, 29, 107327482210959.	0.7	16
338	Computerâ€assisted <i>in vitro</i> reconstitution of purine degradation pathway to lower the purine content in food. Journal of the Science of Food and Agriculture, 2022, 102, 7079-7086.	1.7	2
339	Research on Improving the Executive Ability of University Administrators Based on Deep Learning. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-10.	0.7	1
340	Hybrid Optimization-Based Structural Design of Deep Q Network With Feature Selection Algorithm for Medical Data Classification. International Journal of Swarm Intelligence Research, 2022, 13, 1-20.	0.5	1
341	Extrinsically evolved system for breast cancer detection. Evolutionary Intelligence, 0, , .	2.3	0
342	Multiobjective evolutionary algorithm based on decomposition for feature selection in medical diagnosis. , 2022, , 253-293.		1
343	Particle-Filter-Based State Estimation for Delayed Artificial Neural Networks: When Probabilistic Saturation Constraints Meet Redundant Channels. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 4354-4362.	7.2	1

#	ARTICLE	IF	CITATIONS
344	Mobile-Aided Breast Cancer Diagnosis by Deep Convolutional Neural Networks. , 2022, , 844-858.		0
345	A Novel Fuzzy Frequent Itemsets Mining Approach for the Detection of Breast Cancer. , 2022, , 511-531.		0
346	Evolution of research trends in artificial intelligence for breast cancer diagnosis and prognosis over the past two decades: A bibliometric analysis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
347	Using machine learning and RNA to enhance the efficacy of anti-tumor immunotherapy. <i>Evolutionary Intelligence</i> , 0, , .	2.3	0
348	Review on Knowledge-Centric Healthcare Data Analysis Case Using Deep Neural Network for Medical Data Warehousing Application. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2022, , 193-214.	0.3	0
349	From Data Science to Bioscience: Emerging era of bioinformatics applications, tools and challenges. <i>Procedia Computer Science</i> , 2023, 218, 1516-1528.	1.2	5
350	USE OF ARTIFICIAL NEURONIC NEURAL NETWORKS IN DIAGNOSTICS OF THE CARDIALGIA SYNDROME. <i>Problemy Zdorov'ia i Ākologii</i> , 2008, , 23-28.	0.0	0
351	Forecasting Catalytic Propertyâ€Performance Correlations for CO ₂ Hydrogenation to Methanol via Surrogate Machine Learning Framework. <i>Advanced Sustainable Systems</i> , 2023, 7, .	2.7	6
352	Enhancing Small Medical Dataset Classification Performance Using GAN. <i>Informatics</i> , 2023, 10, 28.	2.4	7
353	Machine Learning Methods for Small Data Challenges in Molecular Science. <i>Chemical Reviews</i> , 2023, 123, 8736-8780.	23.0	36
354	A Study of Breast Cancer Identification with Deep Learning Techniques. <i>Lecture Notes in Networks and Systems</i> , 2023, , 743-757.	0.5	1