

International application of a new probability algorithm artery disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The estimation of post-test probability of coronary disease following exercise testing using the sequential application of two Bayesian methods. American Heart Journal, 1990, 120, 1292-1297.	2.7	7
2	Symbolic and Neural Learning Algorithms: An Experimental Comparison. Machine Learning, 1991, 6, 111-143.	5.4	151
3	Instance-Based Learning Algorithms. Machine Learning, 1991, 6, 37-66.	5.4	2,061
4	Clinical Assessment of the Probability of Coronary Artery Disease. Medical Decision Making, 1992, 12, 197-203.	2.4	70
5	Data representation for diagnostic neural networks. IEEE Intelligent Systems, 1992, 7, 43-53.	1.0	32
6	Development and validation of a logistic regression-derived algorithm for estimating the incremental probability of coronary artery disease before and after exercise testing. Journal of the American College of Cardiology, 1992, 20, 1187-1196.	2.8	75
7	Robust linear programming discrimination of two linearly inseparable sets. Optimization Methods and Software, 1992, 1, 23-34.	2.4	607
8	Comparison of logistic regression and Bayesian-based algorithms to estimate posttest probability in patients with suspected coronary artery disease undergoing exercise ECG. Journal of Electrocardiology, 1992, 25, 89-99.	0.9	8
9	Computer probability estimates of angiographic coronary artery disease: Transportability and comparison with cardiologists' estimates. Journal of Biomedical Informatics, 1992, 25, 468-485.	0.7	28
10	Optimized rule induction. IEEE Intelligent Systems, 1993, 8, 61-69.	1.0	52
11	Diagnostic accuracy of predicting coronary artery disease related to patients' characteristics. Journal of Clinical Epidemiology, 1994, 47, 389-395.	5.0	13
12	An algorithm to generate radial basis function (RBF)-like nets for classification problems. Neural Networks, 1995, 8, 179-201.	5.9	116
13	An Experimental Comparison of the Nearest-Neighbor and Nearest-Hyperrectangle Algorithms. Machine Learning, 1995, 19, 5-27.	5.4	61
14	Multivariate Decision Trees. Machine Learning, 1995, 19, 45-77.	5.4	94
15	Learning a local similarity metric for case-based reasoning. Lecture Notes in Computer Science, 1995, , 301-312.	1.3	47
16	Recursive automatic bias selection for classifier construction. Machine Learning, 1995, 20, 63-94.	5.4	104
17	An experimental comparison of the nearest-neighbor and nearest-hyperrectangle algorithms. Machine Learning, 1995, 19, 5-27.	5.4	180
18	Multivariate decision trees. Machine Learning, 1995, 19, 45-77.	5.4	288

#	ARTICLE	IF	CITATIONS
19	Solving Linear Inequalities in a Least Squares Sense. SIAM Journal of Scientific Computing, 1996, 17, 275-286.	2.8	21
20	Bootstrapping with Noise: An Effective Regularization Technique. Connection Science, 1996, 8, 355-372.	3.0	132
21	AN EVOLUTIONARY APPROACH TO SIMULATE COGNITIVE FEEDBACK LEARNING IN MEDICAL DOMAIN. Advances in Fuzzy Systems, 1997, , 193-207.	8.7	33
22	Iterative generation of higher-order nets in polynomial time using linear programming. IEEE Transactions on Neural Networks, 1997, 8, 402-412.	4.2	17
23	The use of the area under the ROC curve in the evaluation of machine learning algorithms. Pattern Recognition, 1997, 30, 1145-1159.	8.1	5,024
24	Lightweight fuzzy processes in clinical computing. Artificial Intelligence in Medicine, 1997, 11, 55-73.	6.5	4
25	Review of studies using multivariable analysis of clinical and exercise test data to predict angiographic coronary artery disease. Progress in Cardiovascular Diseases, 1997, 39, 457-481.	3.1	43
26	Hybrid extreme point tabu search. European Journal of Operational Research, 1998, 106, 676-688.	5.7	7
27	Sample selection via clustering to construct support vector-like classifiers. IEEE Transactions on Neural Networks, 1999, 10, 1474-1481.	4.2	58
28	The Immune System as a Model for Pattern Recognition and Classification. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 28-41.	4.4	172
29	Formal methods in pattern recognition: A review. European Journal of Operational Research, 2000, 120, 459-495.	5.7	47
30	Model selection for a medical diagnostic decision support system: a breast cancer detection case. Artificial Intelligence in Medicine, 2000, 20, 183-204.	6.5	75
31	Optimisation on support vector machines. , 2000, , .		3
32	Data mining techniques applied to medical information. Informatics for Health and Social Care, 2000, 25, 81-102.	1.0	52
33	Support vector machines with different norms: motivation, formulations and results. Pattern Recognition Letters, 2001, 22, 1263-1272.	4.2	33
34	A Dynamic Programming Based Pruning Method for Decision Trees. INFORMS Journal on Computing, 2001, 13, 332-344.	1.7	27
35	Clustering unlabeled data with SOMs improves classification of labeled real-world data. , 0, , .		40
36	Multi-objective cooperative coevolution of artificial neural networks (multi-objective cooperative) Tj ETQq1 1 0.784314 rgBT /Overloc 5.9 158		

#	ARTICLE	IF	CITATIONS
37	Multivariate decision trees using linear discriminants and tabu search. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2003, 33, 194-205.	2.9	39
38	COVNET: a cooperative coevolutionary model for evolving artificial neural networks. IEEE Transactions on Neural Networks, 2003, 14, 575-596.	4.2	182
39	Medical data analysis using self-organizing data mining technologies. Systems Analysis Modelling Simulation, 2003, 43, 1399-1408.	0.1	24
40	Training Neural Networks with GA Hybrid Algorithms. Lecture Notes in Computer Science, 2004, , 852-863.	1.3	59
41	Genetic doping algorithm (GenD): theory and applications. Expert Systems, 2004, 21, 63-79.	4.5	79
42	Cooperative coevolution of generalized multi-layer perceptrons. Neurocomputing, 2004, 56, 257-283.	5.9	19
43	Model selection for medical diagnosis decision support systems. Decision Support Systems, 2004, 36, 247-259.	5.9	76
44	An evolutionary system for neural logic networks using genetic programming and indirect encoding. Journal of Applied Logic, 2004, 2, 349-379.	1.1	7
45	An ϵ -Margin Nonlinear Classifier Based on Fuzzy If-Then Rules. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 68-76.	5.0	32
46	A PROBABILITY NEURAL NETWORK FOR CONTINUOUS AND CATEGORICAL DATA. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 203-208.	0.4	1
47	Ensemble strategies for a medical diagnostic decision support system: A breast cancer diagnosis application. European Journal of Operational Research, 2005, 162, 532-551.	5.7	91
48	GMDH-based feature ranking and selection for improved classification of medical data. Journal of Biomedical Informatics, 2005, 38, 456-468.	4.3	62
49	Improved classification of medical data using abductive network committees trained on different feature subsets. Computer Methods and Programs in Biomedicine, 2005, 80, 141-153.	4.7	27
50	Novel probability neural network. IET Computer Vision, 2005, 152, 535.	1.3	1
51	Protecting Medical Data for Decision-Making Analyses. Journal of Medical Systems, 2005, 29, 65-80.	3.6	5
52	Input and data selection applied to heart disease diagnosis. , 0, , .		7
53	Using gain ratio distance (GRD) to induce clustering. , 2005, , .		1
54	Isotonic Separation. INFORMS Journal on Computing, 2005, 17, 462-474.	1.7	40

#	ARTICLE	IF	CITATIONS
55	Learning vector quantization with training data selection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 157-162.	13.9	51
56	A comparison of classification accuracy of four genetic programming-evolved intelligent structures. Information Sciences, 2006, 176, 691-724.	6.9	76
57	Cost-Sensitive Fuzzy Classification for Medical Diagnosis. , 2007, , .		1
58	Introducing probabilistic adaptive mapping developmental genetic programming with redundant mappings. Genetic Programming and Evolvable Machines, 2007, 8, 187-220.	2.2	20
59	Logistic regression using covariates obtained by product-unit neural network models. Pattern Recognition, 2007, 40, 52-64.	8.1	32
60	Novel Approaches to Probabilistic Neural Networks Through Bagging and Evolutionary Estimating of Prior Probabilities. Neural Processing Letters, 2008, 27, 153-162.	3.2	31
61	Data mining technique for medical informatics: detecting gastric cancer using case-based reasoning and single nucleotide polymorphisms. Expert Systems, 2008, 25, 163-172.	4.5	8
62	Evolutionary product-unit neural networks classifiers. Neurocomputing, 2008, 72, 548-561.	5.9	82
63	IMASC - An Intelligent MultiAgent System for Clinical Decision Support. , 2008, , .		8
64	Mining Medical Databases with Modified Gini Index Classification. , 2008, , .		5
65	A Comparative Study of Medical Data Classification Methods Based on Decision Tree and Bagging Algorithms. , 2009, , .		54
66	Effective Diagnosis of Heart Disease through Bagging Approach. , 2009, , .		61
67	Generalized Risk Zone: Selecting Observations for Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1331-1337.	13.9	13
68	Against Classification Attacks: A Decision Tree Pruning Approach to Privacy Protection in Data Mining. Operations Research, 2009, 57, 1496-1509.	1.9	19
69	Latent class analysis variable selection. Annals of the Institute of Statistical Mathematics, 2010, 62, 11-35.	0.8	128
70	Analysis of the consistency of a mixed integer programming-based multi-category constrained discriminant model. Annals of Operations Research, 2010, 174, 147-168.	4.1	32
71	A decision support system for cost-effective diagnosis. Artificial Intelligence in Medicine, 2010, 50, 149-161.	6.5	28
72	A new local-“global approach for classification. Neural Networks, 2010, 23, 887-891.	5.9	6

#	ARTICLE	IF	CITATIONS
73	A fuzzy-evidential hybrid inference engine for coronary heart disease risk assessment. Expert Systems With Applications, 2010, 37, 8536-8542.	7.6	74
74	Risk assessment of coronary arteries heart disease based on neuro-fuzzy classifiers. , 2010, , .		3
75	A knowledge discovery from incomplete coronary artery disease datasets using rough set. International Journal of Medical Engineering and Informatics, 2011, 3, 60.	0.3	3
76	Web based medical decision support system application of Coronary Heart Disease diagnosis with Boolean functions minimization method. Expert Systems With Applications, 2011, 38, 14037-14037.	7.6	16
77	An Optimized BP Neural Network Based on DS Evidential Reasoning on Heart Disease Prediction. Applied Mechanics and Materials, 0, 263-266, 3342-3347.	0.2	0
78	Locally Learning Biomedical Data Using Diffusion Frames. Journal of Computational Biology, 2012, 19, 1251-1264.	1.6	23
79	Large margin classifiers and Random Forests for integrated biological prediction. International Journal of Bioinformatics Research and Applications, 2012, 8, 38.	0.2	2
80	Effective Diagnosis of Coronary Artery Disease Using The Rotation Forest Ensemble Method. Journal of Medical Systems, 2012, 36, 3011-3018.	3.6	36
81	Design of a Fuzzy-based Decision Support System for Coronary Heart Disease Diagnosis. Journal of Medical Systems, 2012, 36, 3293-3306.	3.6	56
82	Machine Learning for Personalized Medicine: Predicting Primary Myocardial Infarction from Electronic Health Records. AI Magazine, 2012, 33, 33.	1.6	54
83	Evolving neural networks using ant colony optimization with pheromone trail limits. , 2013, , .		16
84	Novel Approach to Predict Cardiovascular Disease Using Incremental SVM. , 2013, , .		3
85	Schroedinger Eigenmaps for the Analysis of Biomedical Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1274-1280.	13.9	62
86	Differential Evolution for automatic rule extraction from medical databases. Applied Soft Computing Journal, 2013, 13, 1265-1283.	7.2	59
87	Association rule mining to detect factors which contribute to heart disease in males and females. Expert Systems With Applications, 2013, 40, 1086-1093.	7.6	352
88	Computational intelligence for heart disease diagnosis: A medical knowledge driven approach. Expert Systems With Applications, 2013, 40, 96-104.	7.6	195
89	Hybrid Naïve Possibilistic Classifier for heart disease detection from heterogeneous medical data. , 2013, , .		8
90	Fuzzy Decision Support System for Coronary Artery Disease Diagnosis Based on Rough Set Theory. International Journal of Rough Sets and Data Analysis, 2014, 1, 65-80.	1.0	13

#	ARTICLE	IF	CITATIONS
91	Ant Colony Optimization Algorithm for Interpretable Bayesian Classifiers Combination: Application to Medical Predictions. PLoS ONE, 2014, 9, e86456.	2.5	16
92	Coronary Artery Disease Detection Using a Fuzzy-Boosting PSO Approach. Computational Intelligence and Neuroscience, 2014, 2014, 1-12.	1.7	33
93	A modified hybrid possibilistic Classifier for heart disease detection from heterogeneous medical data. , 2014, , .		8
94	Diagnosis of heart disease by using a radial basis function network classification technique on patients' medical records. , 2014, , .		3
95	Probability estimation with machine learning methods for dichotomous and multicategory outcome: Applications. Biometrical Journal, 2014, 56, 564-583.	1.0	42
96	Alternating decision trees for early diagnosis of heart disease. , 2014, , .		30
97	Solving a Multigroup Mixed-Integer Programming-Based Constrained Discrimination Model. INFORMS Journal on Computing, 2014, 26, 567-585.	1.7	18
98	An analysis of accuracy-diversity trade-off for hybrid combined system with multiobjective predictor selection. Applied Intelligence, 2014, 40, 710-723.	5.3	5
99	Adaptive mining prediction model for content recommendation to coronary heart disease patients. Cluster Computing, 2014, 17, 881-891.	5.0	57
100	Medical diagnosis by fuzzy standard additive model with wavelets. , 2014, , .		4
101	Hybrid intelligent modeling schemes for heart disease classification. Applied Soft Computing Journal, 2014, 14, 47-52.	7.2	92
102	Sample Subset Optimization Techniques for Imbalanced and Ensemble Learning Problems in Bioinformatics Applications. IEEE Transactions on Cybernetics, 2014, 44, 445-455.	9.5	70
103	Dual-Phase Approach to Improve Prediction of Heart Disease in Mobile Environment. ETRI Journal, 2015, 37, 222-232.	2.0	1
104	A multi objective approach to evolving artificial neural networks for coronary heart disease classification. , 2015, , .		7
105	Medical data classification using interval type-2 fuzzy logic system and wavelets. Applied Soft Computing Journal, 2015, 30, 812-822.	7.2	93
106	Scandent Tree: A Random Forest Learning Method for Incomplete Multimodal Datasets. Lecture Notes in Computer Science, 2015, , 694-701.	1.3	5
107	Classification of healthcare data using genetic fuzzy logic system and wavelets. Expert Systems With Applications, 2015, 42, 2184-2197.	7.6	112
108	Training neural networks with ant colony optimization algorithms for pattern classification. Soft Computing, 2015, 19, 1511-1522.	3.6	78

#	ARTICLE	IF	CITATIONS
109	Fuzzy Min-Max Neural Network for Learning a Classifier with Symmetric Margin. <i>Neural Processing Letters</i> , 2015, 42, 317-353.	3.2	8
110	Cardiovascular risk prediction: a comparative study of Framingham and quantum neural network based approach. <i>Patient Preference and Adherence</i> , 2016, Volume 10, 1259-1270.	1.8	48
111	A smart approach to diagnose Heart disease through machine learning and Springleaf Marketing Response. , 2016, , .		9
112	Visualizations relevant to the user by multi-view latent variable factorization. , 2016, , .		0
113	Combining neighborhood separable subspaces for classification via sparsity regularized optimization. <i>Information Sciences</i> , 2016, 370-371, 270-287.	6.9	24
114	A New Fuzzy-Rough Hybrid Merit to Feature Selection. <i>Lecture Notes in Computer Science</i> , 2016, , 1-23.	1.3	1
116	The clinical utility curve: a proposal to improve the translation of information provided by prediction models to clinicians. <i>BMC Research Notes</i> , 2016, 9, 219.	1.4	5
117	Supersparse linear integer models for optimized medical scoring systems. <i>Machine Learning</i> , 2016, 102, 349-391.	5.4	176
118	Prediction of Heart Disease Using Random Forest and Feature Subset Selection. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 187-196.	0.6	21
119	Rule Based Systems for Big Data. <i>Studies in Big Data</i> , 2016, , .	1.1	31
120	Stability metrics for multi-source biomedical data based on simplicial projections from probability distribution distances. <i>Statistical Methods in Medical Research</i> , 2017, 26, 312-336.	1.5	26
121	Intelligent heart disease prediction in cloud environment through ensembling. <i>Expert Systems</i> , 2017, 34, e12207.	4.5	41
122	A comprehensive investigation and comparison of Machine Learning Techniques in the domain of heart disease. , 2017, , .		145
123	A fuzzy classification model for myocardial infarction risk assessment. <i>Applied Intelligence</i> , 2018, 48, 1233.	5.3	15
124	Comparative study of heart disease classification. , 2017, , .		24
125	An integrated decision support system based on ANN and Fuzzy_AHP for heart failure risk prediction. <i>Expert Systems With Applications</i> , 2017, 68, 163-172.	7.6	292
126	Combined method of automated temporal information acquisition for development of knowledge bases of intelligent systems. , 2017, , .		5
127	Privacy-Preserving Multi-Party Clustering: An Empirical Study. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
128	Efficiency enhancement of food recognition using artificial neural network. , 2017, , .		0
129	Neural Network-Based Coronary Heart Disease Risk Prediction Using Feature Correlation Analysis. Journal of Healthcare Engineering, 2017, 2017, 1-13.	1.9	84
130	PREDICTION OF HEART DISEASE USING K-MEANS and ARTIFICIAL NEURAL NETWORK as HYBRID APPROACH to IMPROVE ACCURACY. International Journal of Engineering and Technology, 2017, 9, 3081-3085.	0.1	56
131	An expert system design to diagnose cancer by using a new method reduced rule base. Computer Methods and Programs in Biomedicine, 2018, 157, 113-120.	4.7	10
132	Soft and Declarative Fishing of Information in Big Data Lake. IEEE Transactions on Fuzzy Systems, 2018, 26, 2732-2747.	9.8	41
133	Decision making model to predict presence of coronary artery disease using neural network and C5.0 decision tree. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 999-1011.	4.9	27
134	Adaptive weighted fuzzy rule-based system for the risk level assessment of heart disease. Applied Intelligence, 2018, 48, 1739-1756.	5.3	98
135	Machine Learning Classifications of Coronary Artery Disease. , 2018, , .		18
136	Evaluation of Classification Algorithms, Linear Discriminant Analysis and a New Hybrid Feature Selection Methodology for the Diagnosis of Coronary Artery Disease. , 2018, , .		31
137	A Hybrid Intelligent System Framework for the Prediction of Heart Disease Using Machine Learning Algorithms. Mobile Information Systems, 2018, 2018, 1-21.	0.6	285
138	Enhancing the Efficiency of a Decision Support System through the Clustering of Complex Rule-Based Knowledge Bases and Modification of the Inference Algorithm. Complexity, 2018, 2018, 1-14.	1.6	10
139	Approach to Heart Diseases Diagnosis and Monitoring through Machine Learning and iOS Mobile Application. , 2018, , .		5
140	A fuzzy medical diagnostic support system for cardiovascular diseases diagnosis using risk factors. , 2018, , .		18
141	Artificial Neural Network Parameter Tuning Framework For Heart Disease Classification. , 2018, , .		8
142	Prediction of the Formation of Reactive Metabolites by A Novel Classifier Approach Based on Enrichment Factor Optimization (EFO) as Implemented in the VEGA Program. Molecules, 2018, 23, 2955.	3.8	9
143	Non-Laboratory-Based Risk Factors for Automated Heart Disease Detection. , 2018, , .		2
144	Machine Learning for Neurodegenerative Disorder Diagnosis â€” Survey of Practices and Launch of Benchmark Dataset. International Journal on Artificial Intelligence Tools, 2018, 27, 1850011.	1.0	28
145	Brain-Inspired Constructive Learning Algorithms with Evolutionally Additive Nonlinear Neurons. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850068.	1.7	1

#	ARTICLE	IF	CITATIONS
146	A wireless sensor data-based coal mine gas monitoring algorithm with least squares support vector machines optimized by swarm intelligence techniques. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877744.	2.2	8
147	A time simulated annealing-back propagation algorithm and its application in disease prediction. Modern Physics Letters B, 2018, 32, 1850303.	1.9	13
148	From patterned response dependency to structured covariate dependency: Entropy based categorical-pattern-matching. PLoS ONE, 2018, 13, e0198253.	2.5	16
149	Power Conservation in Cloud-Assisted Real-Time Context Learning System. , 2019, , .		1
150	An analytical model to minimize the latency in healthcare internet-of-things in fog computing environment. PLoS ONE, 2019, 14, e0224934.	2.5	67
151	Use of health-related indices and classification methods in medical data. , 2019, , 31-66.		3
152	A study of Pareto-based methods for ensemble pool generation and aggregation. , 2019, , .		0
153	Cardiovascular Disease Risk Prediction Based on Random Forest. Lecture Notes in Electrical Engineering, 2019, , 31-43.	0.4	6
155	Comparative Research of Swarm Intelligence Clustering Algorithms for Analyzing Medical Data. IEEE Access, 2019, 7, 137560-137569.	4.2	17
156	Privacy-Preserving Support Vector Machine Training Over Blockchain-Based Encrypted IoT Data in Smart Cities. IEEE Internet of Things Journal, 2019, 6, 7702-7712.	8.7	313
157	Identifiability and bias reduction in the skew-probit model for a binary response. Journal of Statistical Computation and Simulation, 2019, 89, 1621-1648.	1.2	6
158	Application of Deep Neural Networks for Disease Diagnosis Through Medical Data Sets. Smart Innovation, Systems and Technologies, 2019, , 259-292.	0.6	2
159	Artificial Intelligence and Data Mining Methods for Cardiovascular Risk Prediction. Series in Bioengineering, 2019, , 279-301.	0.6	18
160	Cardiovascular Computingâ€™Methodologies and Clinical Applications. Series in Bioengineering, 2019, , .	0.6	5
161	Heart Disease Prediction System Using Model Of Machine Learning and Sequential Backward Selection Algorithm for Features Selection. , 2019, , .		30
162	Identifying the Predictive Capability of Machine Learning Classifiers for Designing Heart Disease Detection System. , 2019, , .		12
163	An Evolutionary Approach to Compact DAG Neural Network Optimization. IEEE Access, 2019, 7, 178331-178341.	4.2	8
164	The Cardiac Disease Predictor: IoT and ML Driven Healthcare System. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
165	Multisurface Proximal SVM Based Decision Trees For Heart Disease Classification. , 2019, , .		8
166	A comprehensive search for expert classification methods in disease diagnosis and prediction. Expert Systems, 2019, 36, e12343.	4.5	26
167	Improving the prediction accuracy of heart disease with ensemble learning and majority voting rule. , 2019, , 179-196.		55
168	A new technique for the prediction of heart failure risk driven by hierarchical neighborhood component-based learning and adaptive multi-layer networks. Future Generation Computer Systems, 2020, 110, 781-794.	7.5	22
169	Analysis of Differentially Expressed Genes in Coronary Artery Disease by Integrated Microarray Analysis. Biomolecules, 2020, 10, 35.	4.0	12
170	An efficient variance estimator of AUC and its applications to binary classification. Statistics in Medicine, 2020, 39, 4281-4300.	1.6	11
171	Prediction of Patients with Heart Disease using Artificial Neural Network and Adaptive Boosting techniques. , 2020, , .		14
172	A Novel Approach for Coronary Artery Disease Diagnosis using Hybrid Particle Swarm Optimization based Emotional Neural Network. Biocybernetics and Biomedical Engineering, 2020, 40, 1568-1585.	5.9	29
173	Secure Homogeneous Data Sharing Using Blockchain. , 2020, , 39-59.		1
174	Early and accurate detection and diagnosis of heart disease using intelligent computational model. Scientific Reports, 2020, 10, 19747.	3.3	73
175	IoT and ICT for Healthcare Applications. EAI/Springer Innovations in Communication and Computing, 2020, , .	1.1	2
176	Towards Model-Centric Security for IoT Systems. , 2020, , .		1
177	Fog Data Analytics for IoT Applications. Studies in Big Data, 2020, , .	1.1	10
178	Effective diagnosis of heart disease imposed by incomplete data based on fuzzy random forest. , 2020, , .		5
179	Supervised <i>t</i> -Distributed Stochastic Neighbor Embedding for Data Visualization and Classification. INFORMS Journal on Computing, 2021, 33, 419-835.	1.7	7
180	Angiographic prognosis and diagnosis of heart disease by using unsupervised and supervised Machine Learning techniques. , 2020, , .		0
181	Privacy-Preserving K-Nearest Neighbors Training over Blockchain-Based Encrypted Health Data. Electronics (Switzerland), 2020, 9, 2096.	3.1	20
182	A novel medical diagnosis support system for predicting patients with atherosclerosis diseases. Informatics in Medicine Unlocked, 2020, 21, 100483.	3.4	24

#	ARTICLE	IF	CITATIONS
183	Improving an Intelligent Detection System for Coronary Heart Disease Using a Two-Tier Classifier Ensemble. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	82
184	Application of Machine Learning for the Detection of Heart Disease. , 2020, , .		20
185	Interpretable confidence measures for decision support systems. <i>International Journal of Human Computer Studies</i> , 2020, 144, 102493.	5.6	27
186	Heart Disease Identification Method Using Machine Learning Classification in E-Healthcare. <i>IEEE Access</i> , 2020, 8, 107562-107582.	4.2	264
187	Design of highly effective multilayer feedforward neural network by using genetic algorithm. <i>Expert Systems</i> , 2020, 37, e12532.	4.5	7
188	Adaptive neural tree exploiting expert nodes to classify high-dimensional data. <i>Neural Networks</i> , 2020, 124, 20-38.	5.9	10
190	Interpretable artificial intelligence: Closing the adoption gap in healthcare. , 2020, , 3-29.		1
191	Classification models for heart disease prediction using feature selection and PCA. <i>Informatics in Medicine Unlocked</i> , 2020, 19, 100330.	3.4	198
192	Deep Learning for Medical Decision Support Systems. <i>Studies in Computational Intelligence</i> , 2021, , .	0.9	13
193	World competitive contest-based artificial neural network: A new class-specific method for classification of clinical and biological datasets. <i>Genomics</i> , 2021, 113, 541-552.	2.9	8
194	Federated Learning for Healthcare Informatics. <i>Journal of Healthcare Informatics Research</i> , 2021, 5, 1-19.	7.6	499
195	Disease Diagnosis System for IoT-Based Wearable Body Sensors with Machine Learning Algorithm. <i>Intelligent Systems Reference Library</i> , 2021, , 201-222.	1.2	39
196	A New Multi-Agent Feature Wrapper Machine Learning Approach for Heart Disease Diagnosis. <i>Computers, Materials and Continua</i> , 2021, 67, 51-71.	1.9	30
197	Predictive Strength of Ensemble Machine Learning Algorithms for the Diagnosis of Large Scale Medical Datasets. <i>Advances in Data Mining and Database Management Book Series</i> , 2021, , 260-281.	0.5	0
198	A study on heart disease prediction using supervised machine learning models. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
199	Privacy-Preserving Multivariate Regression Analysis over Blockchain-Based Encrypted IoMT Data. <i>Studies in Big Data</i> , 2021, , 45-59.	1.1	7
200	A hybrid cost-sensitive ensemble for heart disease prediction. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 73.	3.0	38
201	A review on cardiac disease detection using various approaches. <i>Materials Today: Proceedings</i> , 2021, , .	1.8	0

#	ARTICLE	IF	CITATIONS
202	Electronic healthcare records and external outcome data for hospitalized patients with heart failure. <i>Scientific Data</i> , 2021, 8, 46.	5.3	41
203	Feature Selection Using Enhanced Particle Swarm Optimisation for Classification Models. <i>Sensors</i> , 2021, 21, 1816.	3.8	22
206	A hybrid machine learning approach to identify coronary diseases using feature selection mechanism on heart disease dataset. <i>Distributed and Parallel Databases</i> , 0, , 1.	1.6	16
207	Comparative Study to Identify the Heart Disease Using Machine Learning Algorithms. , 2021, , .		1
209	Survival time prediction by integrating cox proportional hazards network and distribution function network. <i>BMC Bioinformatics</i> , 2021, 22, 192.	2.6	9
210	A Contract-Based Insurance Incentive Mechanism Boosted by Wearable Technology. <i>IEEE Internet of Things Journal</i> , 2021, 8, 6089-6100.	8.7	1
211	Multi-input deep learning approach for Cardiovascular Disease diagnosis using Myocardial Perfusion Imaging and clinical data. <i>Physica Medica</i> , 2021, 84, 168-177.	0.7	32
212	An Ensemble Machine Learning Method for the Prediction of Heart Disease. , 2021, , .		11
213	Use of Efficient Machine Learning Techniques in the Identification of Patients with Heart Diseases. , 2021, , .		17
214	Predicting heart disease using hybrid machine learning model. <i>Journal of Physics: Conference Series</i> , 2021, 1916, 012208.	0.4	7
215	Machine Learning Based Classification Models for Heart Disease Prediction. <i>Journal of Physics: Conference Series</i> , 2021, 1916, 012092.	0.4	0
216	Advanced fuzzy cognitive maps: state-space and rule-based methodology for coronary artery disease detection. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 045007.	1.2	13
217	NestEn_SmVn: boosted nested ensemble multiplexing to diagnose coronary artery disease. <i>Evolving Systems</i> , 0, , 1.	3.9	0
219	Personalizing the explanation extraction in Intelligent Decision Support Systems. , 2021, , .		0
220	Complex Encoding. , 2021, , .		6
221	A New Forward-Backward Algorithm with Line Search and Inertial Techniques for Convex Minimization Problems with Applications. <i>Mathematics</i> , 2021, 9, 1562.	2.2	1
222	Heart Disease Classification using Novel Heterogeneous Ensemble. , 2021, , .		7
223	Heart Disease Detection using Machine Learning Technique. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
224	IMGWO BASED ANN: A NEW HEART DISEASE DIAGNOSIS MODEL TO CLASSIFY REAL WORLD DATASET. Indian Journal of Computer Science and Engineering, 2021, 12, 1001-1017.	0.3	1
225	On convergence and complexity analysis of an accelerated forwardâ€“backward algorithm with linesearch technique for convex minimization problems and applications to data prediction and classification. Journal of Inequalities and Applications, 2021, 2021, .	1.1	6
227	Improved Inference of Gaussian Mixture Copula Model for Clustering and Reproducibility Analysis using Automatic Differentiation. Econometrics and Statistics, 2021, , .	0.8	1
228	On-chip photonic diffractive optical neural network based on a spatial domain electromagnetic propagation model. Optics Express, 2021, 29, 31924.	3.4	27
229	Revisiting agglomerative clustering. Physica A: Statistical Mechanics and Its Applications, 2022, 585, 126433.	2.6	21
231	A comparison of two dissimilarity functions for mixed-type predictor variables in the Δ machine. Advances in Data Analysis and Classification, 0, , 1.	1.4	0
232	Estimation of Distribution Algorithms. , 2006, , 87-108.		5
233	Retail Clients Latent Segments. Lecture Notes in Computer Science, 2005, , 348-358.	1.3	11
234	A hybrid nearest-neighbor and nearest-hyperrectangle algorithm. Lecture Notes in Computer Science, 1994, , 323-335.	1.3	42
235	On Test Selection Strategies for Belief Networks. Lecture Notes in Statistics, 1996, , 89-98.	0.2	14
236	Expeditive Extensions of Evolutionary Bayesian Probabilistic Neural Networks. Lecture Notes in Computer Science, 2009, , 30-44.	1.3	1
237	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.	0.6	18
238	Meta Learning on Small Biomedical Datasets. Lecture Notes in Electrical Engineering, 2016, , 933-939.	0.4	2
239	Heart Disease Prediction Using Classification (Naive Bayes). Lecture Notes in Networks and Systems, 2020, , 561-573.	0.7	19
240	Improve the Accuracy of Heart Disease Predictions Using Machine Learning and Feature Selection Techniques. Communications in Computer and Information Science, 2020, , 214-228.	0.5	2
241	Automatic Selection of Split Criterion during Tree Growing Based on Node Location. , 1995, , 73-80.		10
242	Integrating and testing natural frequencies, naïve Bayes, and fast-and-frugal trees.. Decision, 2017, 4, 234-260.	0.5	24
243	Abductive Network Committees for Improved Classification of Medical Data. Methods of Information in Medicine, 2004, 43, 192-201.	1.2	10

#	ARTICLE	IF	CITATIONS
244	Application of Bayesian networks to generate synthetic health data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 801-811.	4.4	41
245	Atherosclerosis disease prediction using Supervised Machine Learning Techniques. , 2020, , .		16
246	An Approach of Predicting Heart Disease Using a Hybrid Neural Network and Decision Tree. , 2020, , .		2
247	Possible contribution of advanced statistical methods (artificial neural networks and linear) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Journal of Gastroenterology, 2005, 11, 5867.	3.3	23
248	A Heart Disease Prediction Model using SVM-Decision Trees-Logistic Regression (SDL). International Journal of Computer Applications, 2013, 68, 11-15.	0.2	36
249	Heart Diseases Diagnosis Using Neural Networks Arbitration. International Journal of Intelligent Systems and Applications, 2015, 7, 75-82.	1.1	71
250	Comparative Study of Classification Techniques (SVM, Logistic Regression and Neural Networks) to Predict the Prevalence of Heart Disease. International Journal of Machine Learning and Computing, 2015, 5, 414-419.	0.6	47
251	Assessment of the Clusterability of Data Using a Multimodal Convolutional Neural Network. IEEE Transactions on Artificial Intelligence, 2022, 3, 355-369.	4.7	1
252	Identifying the Main Risk Factors for Cardiovascular Diseases Prediction Using Machine Learning Algorithms. Mathematics, 2021, 9, 2537.	2.2	9
253	Readable and Accurate Rulesets with ORGA. Lecture Notes in Computer Science, 2008, , 869-878.	1.3	0
254	A Transparent Fuzzy Rule-Based Clinical Decision Support System for Heart Disease Diagnosis. Communications in Computer and Information Science, 2012, , 62-71.	0.5	1
255	Testing the Probability of Heart Disease Using Classification and Regression Tree Model. Annual Research & Review in Biology, 2014, 4, 1713-1725.	0.4	4
256	Dynamic Recursive Model Class Selection for Classifier Construction. Lecture Notes in Statistics, 1994, , 329-337.	0.2	1
257	Accuracy Enhancement of Artificial Neural Network using Genetic Algorithm. International Journal of Computer Applications, 2014, 103, 11-15.	0.2	2
258	Second Order Back Propagation Neural Network (SOBPNN) Algorithm for Medical Data Classification. Advances in Intelligent Systems and Computing, 2015, , 73-83.	0.6	1
259	Coronary Artery Disease Diagnosis Using Supervised Fuzzy C-Means with Differential Search Algorithm-based Generalized Minkowski Metrics. Archive of Biomedical Science and Engineering, 0, , 006-014.	0.3	3
260	SeleÃ§Ã£o de variÃ¡veis para clusterizaÃ§Ã£o de bateladas produtivas atravÃ©s de ACP e remapeamento kernel. Production, 2015, 25, 826-833.	1.3	0
262	Diagnosing Coronary Heart Disease using Ensemble Machine Learning. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	19

#	ARTICLE	IF	CITATIONS
263	The Generalized Risk Zone And Observations Selection. , 0, , .		0
264	Fuzzy Decision Support System for Coronary Artery Disease Diagnosis Based on Rough Set Theory. , 2017, , 1367-1384.		0
265	Attribute Selection to Improve Accuracy of Classification. International Journal of Computer Applications, 2017, 173, 18-22.	0.2	2
266	Comparative Analysis for Heart Disease Prediction. International Journal on Informatics Visualization, 2017, 1, 227-231.	0.6	9
267	NEURAL NETWORKS APPLICATION FOR DETECTING HEART DISEASE. I-manager S Journal on Information Technology, 2018, 7, 24.	0.3	1
268	Cardiovascular Disease Diagnosis: A Machine Learning Interpretation Approach. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	13
269	Application of Deep Learning for the Diagnosis of Cardiovascular Diseases. Advances in Intelligent Systems and Computing, 2020, , 781-791.	0.6	1
270	A Practical Method for Early Diagnosis of Heart Diseases via Deep Neural Network. Studies in Computational Intelligence, 2021, , 95-106.	0.9	0
271	FA-1D-CNN Implementation to Improve Diagnosis of Heart Disease Risk Level. , 0, , .		8
272	Heart Disease Prediction using Machine Learning Techniques. , 2020, , .		61
273	Elimination of Irrelevant Features and Heart Disease Recognition by Employing Machine Learning Algorithms using Clinical Data. , 2020, , .		3
274	Medical Analytics Based on Artificial Neural Networks Using Cognitive Internet of Things. Studies in Big Data, 2020, , 199-262.	1.1	1
275	Intelligent Wearable IOT Continuous Monitoring System for Elderly Based on Deep Learning Algorithm. EAI/Springer Innovations in Communication and Computing, 2020, , 275-292.	1.1	0
276	Identifying the Risk of Cardiovascular Diseases From the Analysis of Physiological Attributes. , 2020, , .		2
277	Learning Subspaces of Different Dimensions. Journal of Computational and Graphical Statistics, 0, , 1-35.	1.7	0
279	Medical Data Analysis for Different Data Types. International Journal of Computational and Experimental Science and Engineering, 2020, 6, 138-144.	10.0	3
280	An optimization model for constrained discriminant analysis and numerical experiments with iris, thyroid, and heart disease datasets. Proceedings: A Conference of the American Medical Informatics Association, 1996, , 209-13.	0.7	2
281	A noninvasive method for coronary artery diseases diagnosis using a clinically-interpretable fuzzy rule-based system. Journal of Research in Medical Sciences, 2015, 20, 214-23.	0.9	17

#	ARTICLE	IF	CITATIONS
282	XMAP: eXplainable mapping analytical process. Complex & Intelligent Systems, 2022, 8, 1187-1204.	6.5	1
283	Hybrid algorithms with active set prediction for solving linear inequalities in a least squares sense. Numerical Algorithms, 0, , 1.	1.9	0
286	Ensemble Learning Classification for Medical Diagnosis. , 2020, , .		4
287	An Imperative Diagnostic Model for Predicting CHD using Deep Learning. , 2020, , .		4
288	A Classification Approach for Heart Disease Diagnosis using Machine Learning. , 2021, , .		8
289	Extremely Randomized Trees With Privacy Preservation for Distributed Structured Health Data. IEEE Access, 2022, 10, 6010-6027.	4.2	15
291	A general iterative clustering algorithm. Statistical Analysis and Data Mining, 2022, 15, 433-446.	2.8	2
292	Tuning hyperparameters of machine learning algorithms and deep neural networks using metaheuristics: A bioinformatics study on biomedical and biological cases. Computational Biology and Chemistry, 2022, 97, 107619.	2.3	66
293	EFNN-NullUni: An evolving fuzzy neural network based on null-uniform. Fuzzy Sets and Systems, 2022, 449, 1-31.	2.7	8
294	Efficient Medical Diagnosis of Human Heart Diseases Using Machine Learning Techniques With and Without GridSearchCV. IEEE Access, 2022, 10, 80151-80173.	4.2	66
295	Early prediction of heart disease using deep learning approach. , 2022, , 107-122.		4
296	Feature Selection and Prediction of Heart Disease Using Machine Learning Approaches. Lecture Notes in Electrical Engineering, 2022, , 951-963.	0.4	1
297	Effective Study of Machine Learning Algorithms for Heart Disease Prediction. , 2022, , .		12
298	A deep learning approach for the prediction of heart attacks based on data analysis. , 2022, , 1-18.		2
299	Diagnosis of each main coronary artery stenosis based on whale optimization algorithm and stacking model. Mathematical Biosciences and Engineering, 2022, 19, 4568-4591.	1.9	5
300	The Cost-Based Feature Selection Model for Coronary Heart Disease Diagnosis System Using Deep Neural Network. IEEE Access, 2022, 10, 29687-29697.	4.2	2
301	Heart disease diagnosis using deep learning and cardiac color doppler ultrasound. Soft Computing, 2022, 26, 10633-10642.	3.6	5
302	Impact of categorical and numerical features in ensemble machine learning frameworks for heart disease prediction. Biomedical Signal Processing and Control, 2022, 76, 103666.	5.7	15

#	ARTICLE	IF	CITATIONS
303	Automatic Cardiomyopathy Diagnosis with a Cost-sensitive Ensemble Classifier. , 2021, , .		1
304	Diversity-Aware Anonymization for Structured Health Data. , 2021, 2021, 2148-2154.		6
305	A Hybridized Model for the Prediction of Heart Disease using ML Algorithms. , 2021, , .		11
306	Toward Real-Time, At-Home Patient Health Monitoring Using Reservoir Computing CMOS IC. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 829-839.	3.6	5
308	Enhancing Drug-Drug Interaction Prediction Using Deep Attention Neural Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 976-985.	3.0	22
309	An Accelerated Convex Optimization Algorithm with Line Search and Applications in Machine Learning. Mathematics, 2022, 10, 1491.	2.2	3
310	Generating User-Centred Explanations via Illocutionary Question Answering: From Philosophy to Interfaces. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-32.	3.7	5
311	Implementation of a Heart Disease Risk Prediction Model Using Machine Learning. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-14.	1.3	22
312	A hybrid method for heart disease diagnosis utilizing feature selection based ensemble classifier model generation. Iran Journal of Computer Science, 2022, 5, 229-246.	2.5	17
313	Computer-Aided Decision Support System for Diagnosis of Heart Diseases. Research Reports in Clinical Cardiology, 0, Volume 13, 39-54.	0.2	4
314	Knowledge discovery in heart disease dataset. AIP Conference Proceedings, 2022, , .	0.4	2
315	Efficient CNN Architecture on FPGA Using High Level Module for Healthcare Devices. IEEE Access, 2022, 10, 60486-60495.	4.2	8
316	Nonparametric estimation of risk ratios for bivariate data. Journal of Nonparametric Statistics, 2022, 34, 940-963.	0.9	2
317	The Efficacy of Machine-Learning-Supported Smart System for Heart Disease Prediction. Healthcare (Switzerland), 2022, 10, 1137.	2.0	23
318	Automatic prediction of coronary artery disease using differential evolution-based support vector machine. Journal of Intelligent and Fuzzy Systems, 2022, 43, 5023-5034.	1.4	1
319	DLMNN Based Heart Disease Prediction with PD-SS Optimization Algorithm. Intelligent Automation and Soft Computing, 2023, 35, 1353-1368.	2.1	0
320	Cardiac Disease Prediction using Machine Learning Algorithms. , 2022, , .		5
321	Communication-Efficient Vertical Federated Learning. Algorithms, 2022, 15, 273.	2.1	6

#	ARTICLE	IF	CITATIONS
322	Prediction of Heart Disease using Machine Learning Algorithm: Support Vector Machine. International Journal of Advanced Research in Science, Communication and Technology, 0, , 166-174.	0.0	0
323	A user-guided Bayesian framework for ensemble feature selection in life science applications (UBayFS). Machine Learning, 2022, 111, 3897-3923.	5.4	5
324	Privacy-Preserving Online Medical Prediagnosis Training Model Based on Soft-Margin SVM. IEEE Transactions on Services Computing, 2022, , 1-14.	4.6	6
325	Reinforcement Learning for Active Modality Selection During Diagnosis. Lecture Notes in Computer Science, 2022, , 592-601.	1.3	0
326	Prognosis of Cardiovascular Disease Using Machine Learning Procedures. , 2022, , .		1
327	How to Quantify the Degree of Explainability: Experiments and Practical Implications. , 2022, , .		3
328	Heart Diagnose Application Using Bagging Algorithm. , 2022, , .		1
329	Moth-Flame Optimization for Early Prediction of Heart Diseases. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-10.	1.3	1
330	A Novel Feature Selection with Hybrid Deep Learning Based Heart Disease Detection and Classification in the e-Healthcare Environment. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.7	3
331	Algorithmic fairness datasets: the story so far. Data Mining and Knowledge Discovery, 2022, 36, 2074-2152.	3.7	15
332	Enhanced Heart Disease Prediction Based on Machine Learning and Statistical Optimal Feature Selection Model. Designs, 2022, 6, 87.	2.4	21
333	Actionable Explainable AI (AxAI): A Practical Example with Aggregation Functions for Adaptive Classification and Textual Explanations for Interpretable Machine Learning. Machine Learning and Knowledge Extraction, 2022, 4, 924-953.	5.0	15
334	PSO+GWO: a hybrid particle swarm optimization and Grey Wolf optimization based Algorithm for fine-tuning hyper-parameters of convolutional neural networks for Cardiovascular Disease Detection. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 87-97.	4.9	10
335	Ensemble feature selection and classification methods for machine learning-based coronary artery disease diagnosis. Computer Standards and Interfaces, 2023, 84, 103706.	5.4	14
336	Breaking Hardware Boundaries of IoT Devices via Inverse Feature Completion. IEEE Internet of Things Journal, 2023, 10, 5519-5529.	8.7	0
337	Robust Detection of Cardiac Disease Using Machine Learning Algorithms. , 2022, , .		3
338	Cardial Disease Prediction in Multi-variant Systems Using MT-MrSBC Model. Lecture Notes in Networks and Systems, 2023, , 21-34.	0.7	0
339	An 8-Layered MLP Network for Detection of Cardiac Arrest at an Early Stage of Disease. Communications in Computer and Information Science, 2022, , 306-320.	0.5	2

#	ARTICLE	IF	CITATIONS
340	Evaluating classifier predictive performance in multi-class problems with balanced and imbalanced data sets. Quality and Reliability Engineering International, 2023, 39, 651-669.	2.3	2
341	EFNC-Exp: An evolving fuzzy neural classifier integrating expert rules and uncertainty. Fuzzy Sets and Systems, 2023, 466, 108438.	2.7	2
342	Integrating Blockchain with Artificial Intelligence to Secure IoT Networks: Future Trends. Sustainability, 2022, 14, 16002.	3.2	2
343	Clinical Decision Support System for Early Prediction of Congenital Heart Disease using Machine learning Techniques. , 2022, , 31-41.		0
344	Proposed Data Sanitization for Privacy Preservation in Mobile Computing. Cybernetics and Systems, 0, , 1-28.	2.5	0
345	A New Accelerated Algorithm for Convex Bilevel Optimization Problems and Applications in Data Classification. Symmetry, 2022, 14, 2617.	2.2	1
346	Cardiovascular Disease Detection Using Multiple Machine Learning Algorithms and their Performance Analysis. , 2022, , .		1
347	Real-time Context-aware learning System for IoT Applications. , 2022, , .		0
348	FFTrees: A toolbox to create, visualize, and evaluate fast-and-frugal decision trees. Judgment and Decision Making, 2017, 12, 344-368.	1.4	78
349	A New Accelerated Algorithm Based on Fixed Point Method for Convex Bilevel Optimization Problems with Applications. Mathematics, 2023, 11, 702.	2.2	2
350	Distributed Learning in Healthcare. Integrated Science, 2022, , 183-212.	0.2	2
351	A unified approach based on multidimensional scaling for calibration estimation in survey sampling with qualitative auxiliary information. Statistical Methods in Medical Research, 2023, 32, 760-772.	1.5	2
352	Influence of Optimal Hyperparameters on the Performance of Machine Learning Algorithms for Predicting Heart Disease. Processes, 2023, 11, 734.	2.8	11
353	A Simple-to-Use R Package for Mimicking Study Data by Simulations. Methods of Information in Medicine, 0, , .	1.2	0
354	Domain-Aware Feature Learning with Grammar-Guided Genetic Programming. Lecture Notes in Computer Science, 2023, , 227-243.	1.3	0
355	Efficient Heart Disease Prediction Using Modified Hybrid Classifier. Lecture Notes in Networks and Systems, 2023, , 151-164.	0.7	0
356	A survey on federated learning for security and privacy in healthcare applications. Computer Communications, 2023, 207, 113-127.	5.1	1
357	Improving the Accuracy of Heart Disease Prediction Approach of Machine Learning Algorithms. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
358	Prediction of Heart Disease Based on Logistic Regression and Random Forest Models. , 0, 49, 489-495.		0
359	An IoT Machine Learning Model-Based Real-Time Diagnostic and Monitoring System. Lecture Notes in Electrical Engineering, 2023, , 789-799.	0.4	1
360	Application Of Machine Learning Algorithms In Predicting The Heart Disease In Patients. , 2023, , .		0
361	Benchmarking federated strategies in Peer-to-Peer Federated learning for biomedical data. Heliyon, 2023, 9, e16925.	3.2	6
362	Detection of Cardiovascular Disease from Clinical Parameters Using a One-Dimensional Convolutional Neural Network. Bioengineering, 2023, 10, 796.	3.5	0
363	A Survey on Public Data Sets Related to Chronic Diseases. , 2023, , .		0
364	Bagging Model for Heart Stroke Detection. Lecture Notes in Networks and Systems, 2023, , 281-290.	0.7	0
365	Geometric SMOTE for imbalanced datasets with nominal and continuous features. Expert Systems With Applications, 2023, 234, 121053.	7.6	5
366	An objective metric for Explainable AI: How and why to estimate the degree of explainability. Knowledge-Based Systems, 2023, 278, 110866.	7.1	3
367	Heart disease prediction (HDP) using Artificial Intelligence and IoMT for intelligent healthcare models. Journal of Intelligent and Fuzzy Systems, 2023, , 1-10.	1.4	0
368	Approach to Research Feature Interactions. , 2023, , .		0
369	On the Use of Machine Learning Techniques and Non-Invasive Indicators for Classifying and Predicting Cardiac Disorders. Biomedicines, 2023, 11, 2604.	3.2	1
370	Role of transfer functions in PSO to select diagnostic attributes for chronic disease prediction: An experimental study. Journal of King Saud University - Computer and Information Sciences, 2023, 35, 101757.	3.9	1
371	Cardiac Failure Forecasting Based on Clinical Data Using a Lightweight Machine Learning Metamodel. Diagnostics, 2023, 13, 2540.	2.6	0
373	Fed-Inforce-Fusion: A federated reinforcement-based fusion model for security and privacy protection of IoMT networks against cyber-attacks. Information Fusion, 2024, 101, 102002.	19.1	3
374	A Novel Approach for Specification Testing on Heart Disease Detection Using Feed-Forward Neural Network. SN Computer Science, 2023, 4, .	3.6	0
375	Discovering effect of intuitionistic fuzzy transformation in multi-layer perceptron for heart disease prediction: a study. Computer Methods in Biomechanics and Biomedical Engineering, 0, , 1-15.	1.6	0
376	k Nearest Neighbors. , 2023, , 209-227.		0

#	ARTICLE	IF	CITATIONS
377	Decision Support System Improving the Interpretability of Generated Tree-Based Models. Acta Electrotechnica Et Informatica, 2022, 22, 27-33.	0.3	0
378	DFS-WR: A novel dual feature selection and weighting representation framework for classification. Information Fusion, 2024, 104, 102191.	19.1	0
379	Application of ensemble learning in predicting heart failure. AIP Conference Proceedings, 2023, , .	0.4	0
380	Detection and evaluation of bias-inducing features in machine learning. Empirical Software Engineering, 2024, 29, .	3.9	0
381	Unsupervised machine learning for disease prediction: a comparative performance analysis using multiple datasets. Health and Technology, 0, , .	3.6	0
382	Using Artificial Intelligence in the Security of Cyber Physical Systems. Alphanumeric Journal, 2023, 11, 193-206.	0.7	0
383	Identification of Atypical Cardiac Patterns Before and After Exercising Using Artificial Intelligence and Eulerian Video Magnification. IFMBE Proceedings, 2024, , 535-545.	0.3	0
384	Early Coronary Heart Disease Deciphered via Support Vector Machines: Insights from Experiments. , 2023, , .		0
385	Feature Analysis Network: An Interpretable Idea in Deep Learning. Cognitive Computation, 0, , .	5.2	0
386	Non-redundant implicational base of formal context with constraints using SAT. PeerJ Computer Science, 0, 10, e1806.	4.5	0
387	User Empowerment on Heart Disease Using DTaaS. , 2024, , .		0
388	A Review of Machine Learning's Role in Cardiovascular Disease Prediction: Recent Advances and Future Challenges. Algorithms, 2024, 17, 78.	2.1	0
389	VPPLR: Privacy-preserving logistic regression on vertically partitioned data using vectorization sharing. Journal of Information Security and Applications, 2024, 82, 103725.	2.5	0
390	A heart disease prognosis pipeline for the edge using federated learning. E-Prime, 2024, 7, 100490.	2.0	0
391	Weight Re-mapping for Variational Quantum Algorithms. Lecture Notes in Computer Science, 2024, , 286-309.	1.3	0
392	Assessing the Effectiveness of Textual Recommendations in KoopaML. International Journal on Semantic Web and Information Systems, 2024, 20, 1-21.	5.1	0