

Estimating attributes: Analysis and extensions of RELIEF

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Irrelevant Features and the Subset Selection Problem. , 1994, , 121-129.		1,302
2	Greedy Attribute Selection. , 1994, , 28-36.		312
3	Attribute-based learning. AI Communications, 1996, 9, 27-32.	1.2	5
6	An application of machine learning in the diagnosis of ischaemic heart disease. , 0, , .		11
7	Extending a tabular knowledge-based framework with feature selection. Expert Systems With Applications, 1997, 13, 109-119.	7.6	5
8	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314.	15.7	506
9	An Exact Probability Metric for Decision Tree Splitting and Stopping. Machine Learning, 1997, 28, 257-291.	5.4	54
10	Overcoming the Myopia of Inductive Learning Algorithms with RELIEFF. Applied Intelligence, 1997, 7, 39-55.	5.3	613
11	Induction of decision trees and Bayesian classification applied to diagnosis of sport injuries. Journal of Medical Systems, 1997, 21, 429-444.	3.6	48
12	Feature selection for classification. Intelligent Data Analysis, 1997, 1, 131-156.	0.9	1,754
13	Feature subset selection based on relevance. New Astronomy Reviews, 1997, 41, 387-396.	0.3	5
14	Feature Selection Methods. , 1998, , 73-95.		6
15	Evaluation and Application. , 1998, , 97-149.		4
16	Hybrid search of feature subsets. Lecture Notes in Computer Science, 1998, , 238-249.	1.3	10
17	Efficient induction and effective use of first-order knowledge. Applied Artificial Intelligence, 1998, 12, 421-453.	3.2	0
18	Exploring the use of linguistic features in domain and genre classification. , 1999, , .		14
19	The Hausdorff distance measure for feature selection in learning applications. , 0, , .		13
20	A Survey of Methods for Scaling Up Inductive Algorithms. Data Mining and Knowledge Discovery, 1999, 3, 131-169.	3.7	196

#	ARTICLE	IF	CITATIONS
21	Selected techniques for data mining in medicine. Artificial Intelligence in Medicine, 1999, 16, 3-23.	6.5	280
22	Feature Selection for Financial Credit-Risk Evaluation Decisions. INFORMS Journal on Computing, 1999, 11, 258-266.	1.7	28
23	Selection of a relevant feature subset for induction tasks. Lecture Notes in Computer Science, 1999, , 466-474.	1.3	1
24	A Formalism for Relevance and Its Application in Feature Subset Selection. Machine Learning, 2000, 41, 175-195.	5.4	150
25	Genetic Algorithms to Optimise CBR Retrieval. Lecture Notes in Computer Science, 2000, , 136-147.	1.3	33
26	Predictive model for survival at the conclusion of a damage control laparotomy. American Journal of Surgery, 2000, 180, 540-545.	1.8	42
27	Text Categorization Using Weight Adjusted k-Nearest Neighbor Classification. Lecture Notes in Computer Science, 2001, , 53-65.	1.3	197
28	Feature selection from huge feature sets. , 0, , .		67
29	Information Theoretic Feature Crediting in Multiclass Support Vector Machines. , 2001, , .		31
30	Machine learning for medical diagnosis: history, state of the art and perspective. Artificial Intelligence in Medicine, 2001, 23, 89-109.	6.5	1,089
31	Feature subset selection using granular information. , 0, , .		0
32	Feature selection in recognition of handwritten Chinese characters. , 0, , .		3
33	Improve precategorized collection retrieval by using supervised term weighting schemes. , 0, , .		6
34	Creating Emotion Recognition Agents for Speech Signal. , 2002, , 77-84.		5
35	Comparison of feature selection strategies for hearing impairments diagnostics. , 0, , .		2
36	<title>Feature-based target classification in laser radar</title>. , 2002, 4726, 46.		1
37	Reviewing RELIEF and its extensions: a new approach for estimating attributes considering high-correlated features. , 0, , .		3
38	Relevant EEG features for the classification of spontaneous motor-related tasks. Biological Cybernetics, 2002, 86, 89-95.	1.3	78

#	ARTICLE	IF	CITATIONS
39	A hybrid filter/wrapper approach of feature selection using information theory. Pattern Recognition, 2002, 35, 835-846.	8.1	122
40	High-Performance Commercial Data Mining: A Multistrategy Machine Learning Application. Data Mining and Knowledge Discovery, 2002, 6, 361-391.	3.7	6
41	Theoretical and Empirical Analysis of ReliefF and RReliefF. Machine Learning, 2003, 53, 23-69.	5.4	2,316
42	Data Mining for Generating Predictive Models of Local Hydrology. Applied Intelligence, 2003, 19, 157-170.	5.3	4
43	Feature selection based on a modified fuzzy C-means algorithm with supervision. Information Sciences, 2003, 151, 201-226.	6.9	53
44	Measuring Impacts of Condition Variables in Rule-Based Models of Space-Time Choice Behavior: Method and Empirical Illustration. Geographical Analysis, 2003, 35, 24-45.	3.5	6
45	Evaluation Metrics in Classification: A Quantification of Distance-Bias. Computational Intelligence, 2003, 19, 264-283.	3.2	0
46	Experiments with Cost-Sensitive Feature Evaluation. Lecture Notes in Computer Science, 2003, , 325-336.	1.3	5
47	Boosting object detection using feature selection. , 0, , .		8
48	Data dimensionality reduction with application to simplifying rbf network structure and improving classification performance. IEEE Transactions on Systems, Man, and Cybernetics, 2003, 33, 399-409.	5.0	271
49	Wrapper Methods for Inductive Learning: Example Application to Bridge Decks. Journal of Computing in Civil Engineering, 2003, 17, 46-57.	4.7	14
50	A novel hybrid feature selection algorithm: using ReliefF estimation for GA-Wrapper search. , 0, , .		10
51	Efficiently handling feature redundancy in high-dimensional data. , 2003, , .		39
52	NLC: A Measure Based on Projections. Lecture Notes in Computer Science, 2003, , 907-916.	1.3	2
53	Setting attribute weights for k-NN based binary classification via quadratic programming. Intelligent Data Analysis, 2003, 7, 427-441.	0.9	1
54	Feature Selection Filters Based on the Permutation Test. Lecture Notes in Computer Science, 2004, , 334-346.	1.3	17
55	Redundant feature elimination for multi-class problems. , 2004, , .		28
56	Object detection using feature subset selection. Pattern Recognition, 2004, 37, 2165-2176.	8.1	231

#	ARTICLE	IF	CITATIONS
57	Evaluating feature selection methods for learning in data mining applications. European Journal of Operational Research, 2004, 156, 483-494.	5.7	154
58	Unsupervised learning of prototypes and attribute weights. Pattern Recognition, 2004, 37, 567-581.	8.1	196
59	CLIP4: Hybrid inductive machine learning algorithm that generates inequality rules. Information Sciences, 2004, 163, 37-83.	6.9	39
60	Feature Selection via Supervised Model Construction. , 0, , .		6
61	Improving a Pittsburgh Leant Fuzzy Rule Base using Feature Subset Selection. , 0, , .		4
62	Application of relief-F feature filtering algorithm to selecting informative genes for cancer classification using microarray data. , 0, , .		9
63	Exploring classification heterogeneity with IPA. , 0, , .		0
64	Improving Random Forests. Lecture Notes in Computer Science, 2004, , 359-370.	1.3	112
65	A rough sets based approach to feature selection. , 2004, , .		42
66	Parameter tuning for induction-algorithm-oriented feature elimination. IEEE Intelligent Systems, 2004, 19, 40-49.	4.0	1
67	An automated classification algorithm for multiwavelength data. , 2004, , .		5
68	Efficient feature selection for high-dimensional data using two-level filter. , 0, , .		2
69	The Impact of Simplification in a Sequential Rule-Based Model of Activity-Scheduling Behavior. Environment and Planning A, 2005, 37, 551-568.	3.6	8
70	A Genetic Approach to Data Dimensionality Reduction Using a Special Initial Population. Lecture Notes in Computer Science, 2005, , 310-316.	1.3	0
71	A Technique for Learning Similarities on Complex Structures with Applications to Extracting Ontologies. Lecture Notes in Computer Science, 2005, , 183-189.	1.3	4
72	Feature Selection for the Prediction of Translation Initiation Sites. Genomics, Proteomics and Bioinformatics, 2005, 3, 73-83.	6.9	18
73	Data dimensionality reduction with application to improving classification performance and explaining concepts of data sets. International Journal of Business Intelligence and Data Mining, 2005, 1, 65.	0.2	24
74	A feature selection technique for classificatory analysis. Pattern Recognition Letters, 2005, 26, 43-56.	4.2	106

#	ARTICLE	IF	CITATIONS
75	Feature Selection Method Using Preferences Aggregation. Lecture Notes in Computer Science, 2005, , 203-217.	1.3	4
76	Learning the users' preferences in e-commerce: A weight-adjustment approach. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 8, 205-211.	1.0	2
77	Similarity-based Classifier Combination for Decision Making. , 0, , .		5
78	Focusing on Interpretability and Accuracy of a Genetic Fuzzy System. , 0, , .		13
79	Band Selection Based on Feature Weighting for Classification of Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2005, 2, 156-159.	3.1	146
80	Feature Selection Algorithm for Data with Both Nominal and Continuous Features. Lecture Notes in Computer Science, 2005, , 683-688.	1.3	8
81	Dimension Reduction and Feature Selection. , 2005, , 93-111.		10
83	A Hybrid Feature Selection Algorithm for the QSAR Problem. Lecture Notes in Computer Science, 2006, , 172-178.	1.3	1
84	Tumor classification based on DNA copy number aberrations determined using SNP arrays. Oncology Reports, 2006, 15, 1057-1059.	2.6	19
85	Feature salience definition and estimation and its use in feature subset selection. Intelligent Data Analysis, 2006, 10, 3-21.	0.9	3
86	Clustering-based multispectral band selection using mutual information. , 2006, , .		15
87	Data and Graph Mining in Chemical Space for ADME and Activity Data Sets. QSAR and Combinatorial Science, 2006, 25, 205-220.	1.4	15
88	On preprocessing data for financial credit risk evaluation. Expert Systems With Applications, 2006, 30, 489-497.	7.6	41
89	Optimization-based feature selection with adaptive instance sampling. Computers and Operations Research, 2006, 33, 3088-3106.	4.0	47
90	Parallelizing Feature Selection. Algorithmica, 2006, 45, 433-456.	1.3	25
91	Classifier-independent feature selection on the basis of divergence criterion. Pattern Analysis and Applications, 2006, 9, 127-137.	4.6	12
92	Learning prototypes and distances: A prototype reduction technique based on nearest neighbor error minimization. Pattern Recognition, 2006, 39, 180-188.	8.1	83
93	Using simulated annealing to optimize the feature selection problem in marketing applications. European Journal of Operational Research, 2006, 171, 842-858.	5.7	159

#	ARTICLE	IF	CITATIONS
94	Cancer Classification Using Loss of Heterozygosity Data Derived from Single-Nucleotide Polymorphism Genotyping Arrays. , 2006, 2006, 5864-7.		3
95	Iterative RELIEF for feature weighting. , 2006, , .		97
97	Comparison of Feature Selection Methods for Syncope Prediction. , 0, , .		1
98	Feature Selection on High Throughput SELDI-TOF Mass-Spectrometry Data for Identifying Biomarker Candidates in Ovarian and Prostate Cancer. , 2006, , .		7
99	Dealing with Missing Values in a Probabilistic Decision Tree during Classification. , 2006, , .		9
100	Breast Cancer Diagnosis via Support Vector Machines. , 2006, , .		7
101	Comparison of MACLAW with several attribute selection methods for classification in hyperspectral images. , 2006, , .		0
102	Symbolic Modeling of Epistasis. Human Heredity, 2007, 63, 120-133.	0.8	51
103	Generating semantically enriched user profiles for Web personalization. ACM Transactions on Internet Technology, 2007, 7, 22.	4.4	69
104	Filter Methods for Feature Selection – A Comparative Study. , 2007, , 178-187.		169
105	Band Selection in Multispectral Images by Minimization of Dependent Information. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 258-267.	2.9	38
106	Reducing the Memory Size of a Fuzzy Case-Based Reasoning System Applying Rough Set Techniques. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 138-146.	2.9	52
107	C-Focus-3: a C-Focus with a New Heuristic Search Strategy. , 2007, , .		0
108	Effectiveness of Rotation Forest in Meta-learning Based Gene Expression Classification. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	6
109	Online incremental random forests. , 2007, , .		2
110	A Statistical Algorithm to Discover Knowledge in Medical Data Sources. , 2007, , .		0
111	Feature Extraction from Microarray Expression Data by Integration of Semantic Knowledge. , 2007, , .		1
112	An incremental viterbi algorithm. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
113	Evolutionary approach to combined multiple models tuning. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2007, 11, 227-235.	1.0	0
114	A Comparative Study of Machine Learning Algorithms Applied to Predictive Toxicology Data Mining. ATLA Alternatives To Laboratory Animals, 2007, 35, 25-32.	1.0	11
115	Evaluation of ordinal attributes at value level. Data Mining and Knowledge Discovery, 2007, 14, 225-243.	3.7	15
116	A fast and effective method to find correlations among attributes in databases. Data Mining and Knowledge Discovery, 2007, 14, 367-407.	3.7	34
117	Capitalizing on Aggregate Data for Gaining Process Understandingâ€”Effect of Raw Material, Environmental and Process Conditions on the Dissolution Rate of a Sustained Release Product. Journal of Pharmaceutical Innovation, 2007, 2, 6-17.	2.4	5
118	Approximation-based feature selection and application forÂalgae population estimation. Applied Intelligence, 2008, 28, 167-181.	5.3	3
119	The effect of combining two echo times in automatic brain tumor classification by MRS. NMR in Biomedicine, 2008, 21, 1112-1125.	2.8	44
120	Predictive data mining in clinical medicine: Current issues and guidelines. International Journal of Medical Informatics, 2008, 77, 81-97.	3.3	653
121	Robust Feature Selection Using Ensemble Feature Selection Techniques. Lecture Notes in Computer Science, 2008, , 313-325.	1.3	411
122	A General Wrapper Approach to Selection of Class-Dependent Features. IEEE Transactions on Neural Networks, 2008, 19, 1267-1278.	4.2	107
123	Data-Mining Driven Reconfigurable Product Family Design Framework for Aerodynamic Particle Separators. , 2008, , .		0
124	A Niching Memetic Algorithm for Simultaneous Clustering and Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 868-879.	5.7	54
125	Phase correlation based redundancy removal in feature weighting band selection for hyperspectral images. International Journal of Remote Sensing, 2008, 29, 1801-1807.	2.9	26
126	Facial feature detection with optimal pixel reduction SVM. , 2008, , .		28
127	Online random forests based on CorrFS and CorrBE. , 2008, , .		16
128	Feature selection for a real-time vision-based food inspection system. , 2008, , .		5
129	Optimization Approach of Sintering Feature Parameter Based on Fuzzy SVM. , 2008, , .		0
130	Feature Subset Selection by Means of a Bayesian Artificial Immune System. , 2008, , .		12

#	ARTICLE	IF	CITATIONS
131	Learning Similarity Functions from Qualitative Feedback. Lecture Notes in Computer Science, 2008, , 120-134.	1.3	12
132	Case-Based Reasoning with feature clustering. , 2008, , .		2
133	Adaptive K-Local Hyperplane (AKLH) Classifiers on Semantic Spaces to Determine Health Consumer Webpage Metadata. , 2008, , .		2
134	Application of symbolic inductive learning methods to gene expression analyses. , 2008, , .		1
135	An empirical study of supervised learning for biological sequence profiling and microarray expression data analysis. , 2008, , .		0
136	Day-ahead electricity price forecasting using the relief algorithm and neural networks. , 2008, , .		7
137	Data Mining Techniques for Complex Formation Evaluation in Petroleum Exploration and Production: A Comparison of Feature Selection and Classification Methods. , 2008, , .		8
138	Pre-processing aspects for complexity reduction of the QSAR problem. , 2008, , .		1
139	A Semi-Supervised Relief Based Feature Extraction Algorithm. , 2008, , .		3
140	A Feature Selection Algorithm Capable of Handling Extremely Large Data Dimensionality. , 2008, , .		17
141	Mixed Type Audio Classification using Sinusoidal Parameters. , 2008, , .		1
142	Strangeness-based feature weighting and classification of gene expression profiles. , 2008, , .		1
143	Attribute clustering with unknown cluster numbers. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
144	Attribute ranking for intelligent data analysis in medical applications. , 2008, , .		3
145	Improving image clustering: An unsupervised feature weight learning framework. , 2008, , .		1
146	Similarity Measurement among Sectors Using Extended Relief-F Algorithm for Disk Recovery. , 2008, , .		2
147	A New Method of Feature Selection for Information Fusion Based on the Game Theory. , 2008, , .		2
148	Spam filtering with several novel bayesian classifiers. , 2008, , .		5

#	ARTICLE	IF	CITATIONS
149	A RELIEF Based Feature Extraction Algorithm. , 2008, , .		53
150	Image Feature Selection Method Based on Immune Encoding Mechanism. , 2008, , .		2
151	Investigating the Performance of Rule-based Models with Increasing Complexity on the Prediction of Trip Generation and Distribution. , 2008, , .		0
152	Decision trees as information source for attribute selection. , 2009, , .		2
153	Acquiring Mood Information from Songs in Large Music Database. , 2009, , .		1
154	The Research of Feature Selection Model Based on the Game Theory. , 2009, , .		0
155	A Study on Automatic Web Pages Categorization. , 2009, , .		7
156	Evolutionary feature selection for artificial neural network pattern classifiers. , 2009, , .		0
157	Sensible initialization using expert knowledge for genome-wide analysis of epistasis using genetic programming. , 2009, 2009, 1289-1296.		14
158	Site of metabolism prediction for six biotransformations mediated by cytochromes P450. Bioinformatics, 2009, 25, 1251-1258.	4.1	72
159	Learning Bayesian networks to perform feature selection. , 2009, , .		4
160	Dimension Reduction and Feature Selection. , 2009, , 83-100.		18
161	Feature selection for aiding glass forensic evidence analysis. Intelligent Data Analysis, 2009, 13, 703-723.	0.9	6
162	Searching for interacting features in subset selection1. Intelligent Data Analysis, 2009, 13, 207-228.	0.9	76
163	Collaborative Optimization of Clustering by Fuzzy c-means and Weight Determination by ReliefF. , 2009, , .		2
164	Efficient alignment-free DNA barcode analytics. BMC Bioinformatics, 2009, 10, S9.	2.6	66
165	Demoting redundant features to improve the discriminatory ability in cancer data. Journal of Biomedical Informatics, 2009, 42, 721-725.	4.3	17
166	Evaluating industry performance using extracted RGR rules based on feature selection and rough sets classifier. Expert Systems With Applications, 2009, 36, 9448-9456.	7.6	15

#	ARTICLE	IF	CITATIONS
167	Performance of feature-selection methods in the classification of high-dimension data. Pattern Recognition, 2009, 42, 409-424.	8.1	323
168	Exploring the boundary region of tolerance rough sets for feature selection. Pattern Recognition, 2009, 42, 655-667.	8.1	104
169	Supporting content-based image retrieval and computer-aided diagnosis systems with association rule-based techniques. Data and Knowledge Engineering, 2009, 68, 1370-1382.	3.4	33
170	An optimization of ReliefF for classification in large datasets. Data and Knowledge Engineering, 2009, 68, 1348-1356.	3.4	34
171	A neural network classifier with rough set-based feature selection to classify multiclass IC package products. Advanced Engineering Informatics, 2009, 23, 348-357.	8.0	20
172	Efficient textile recognition via decomposition of co-occurrence matrices. , 2009, , .		8
173	Subgroup Discovery in Data Sets with Multi-“dimensional Responses: A Method and a Case Study in Traumatology. Lecture Notes in Computer Science, 2009, , 265-274.	1.3	7
174	Uncovering metabolic pathways relevant to phenotypic traits of microbial genomes. Genome Biology, 2009, 10, R28.	9.6	39
175	Unsupervised learning of affordance relations on a humanoid robot. , 2009, , .		4
176	Empirical Study of Individual Feature Evaluators and Cutting Criteria for Feature Selection in Classification. , 2009, , .		1
177	Automatic attribute clustering based on genetic algorithms. , 2009, , .		0
178	Hyper-heuristic decision tree induction. , 2009, , .		26
179	ReliefMSS: a variation on a feature ranking ReliefF algorithm. International Journal of Business Intelligence and Data Mining, 2009, 4, 375.	0.2	16
180	Extended Relief-F Algorithm for Nominal Attribute Estimation in Small-Document Classification. IEICE Transactions on Information and Systems, 2009, E92-D, 2360-2368.	0.7	1
181	A method to enhance the efficiency of Markov blanket for BN in medical diagnosis. , 2009, , .		0
182	Minimum Coverage Hypersphere Based Category-Separability Criterion and Feature Selection. , 2009, , .		0
183	Multi-Objective feature selection using a Bayesian artificial immune system. International Journal of Intelligent Computing and Cybernetics, 2010, 3, 235-256.	2.7	26
184	Feature Selection for Online Writeprint Identification Using Hybrid Genetic Algorithm. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
185	A comparative study of the feature selection influence on diagnosis in traditional Chinese medicine. , 2010, , .		1
186	Data shuffling and statistical analysis on microarray data for gene selection: a comparative study on filtering methods. International Journal of Functional Informatics and Personalised Medicine, 2010, 3, 183.	0.4	2
187	Assessment of the influence of adaptive components in trainable surface inspection systems. Machine Vision and Applications, 2010, 21, 613-626.	2.7	38
188	Generalized iterative RELIEF for supervised distance metric learning. Pattern Recognition, 2010, 43, 2971-2981.	8.1	17
189	Algorithms for subsetting attribute values with Relief. Machine Learning, 2010, 78, 421-428.	5.4	10
190	Feature evaluation and selection based on neighborhood soft margin. Neurocomputing, 2010, 73, 2114-2124.	5.9	40
191	SoFoCles: Feature filtering for microarray classification based on Gene Ontology. Journal of Biomedical Informatics, 2010, 43, 1-14.	4.3	22
192	A six stage approach for the diagnosis of the Alzheimerâ€™s disease based on fMRI data. Journal of Biomedical Informatics, 2010, 43, 307-320.	4.3	65
193	A comparison of machine learning techniques for detection of drug target articles. Journal of Biomedical Informatics, 2010, 43, 902-913.	4.3	16
194	Accurate prediction of neuroblastoma outcome based on miRNA expression profiles. International Journal of Cancer, 2010, 127, 2374-2385.	5.1	88
195	Feature selection for Bayesian network classifiers using the MDL-FS score. International Journal of Approximate Reasoning, 2010, 51, 695-717.	3.3	28
196	Optimal feature selection for support vector machines. Pattern Recognition, 2010, 43, 584-591.	8.1	190
197	SVM-FuzCoC: A novel SVM-based feature selection method using a fuzzy complementary criterion. Pattern Recognition, 2010, 43, 3712-3729.	8.1	40
198	Surfing a genetic association interaction network to identify modulators of antibody response to smallpox vaccine. Genes and Immunity, 2010, 11, 630-636.	4.1	45
199	SELECTING EFFECTIVE FEATURES AND RELATIONS FOR EFFICIENT MULTI-RELATIONAL CLASSIFICATION. Computational Intelligence, 2010, 26, 258-281.	3.2	7
200	Efficient Feature Subset Selection and Subset Size Optimization. , 0, , .		34
201	Feature Reduction with Inconsistency. International Journal of Cognitive Informatics and Natural Intelligence, 2010, 4, 77-87.	0.4	8
202	GLOBAL METAL-ION BINDING PROTEIN FINGERPRINT: A METHOD TO IDENTIFY MOTIF-LESS METAL-ION BINDING PROTEINS. Journal of Bioinformatics and Computational Biology, 2010, 08, 717-726.	0.8	4

#	ARTICLE	IF	CITATIONS
203	Transient stability assessment based on data-structure analysis of operating point space. , 2010, , .		0
204	Information gain and adaptive neuro-fuzzy inference system for breast cancer diagnoses. , 2010, , .		13
205	A Fuzzy Complementary Criterion for structure learning of a neuro-fuzzy classifier. , 2010, , .		1
206	Transient stability assessment on China Southern Power Grid system with an improved pattern discovery-based method. , 2010, , .		2
207	A SVM-based method for detecting computer virus. , 2010, , .		1
208	A ReliefF attribute weighting and X-means clustering methodology for top-down product family optimization. Engineering Optimization, 2010, 42, 593-616.	2.6	20
209	Fuzzy-CCM: A context-sensitive approach to fuzzy modeling. International Journal of Hybrid Intelligent Systems, 2010, 7, 33-43.	1.2	0
210	Empirical evaluation of feature selection methods in classification. Intelligent Data Analysis, 2010, 14, 265-281.	0.9	36
211	Bioinformatics challenges for genome-wide association studies. Bioinformatics, 2010, 26, 445-455.	4.1	477
212	Unsupervised feature selection based on clustering. , 2010, , .		1
213	Correlation between Sensory Evaluation Scores of Japanese <i>Sake</i> and Metabolome Profiles. Journal of Agricultural and Food Chemistry, 2010, 58, 374-383.	5.2	64
214	Comparative Analysis of DNA Microarray Data through the Use of Feature Selection Techniques. , 2010, , .		39
215	Feature selection is the ReliefF for multiple instance learning. , 2010, , .		4
216	Similarity Learning in Nearest Neighbor and Relief Algorithm. , 2010, , .		3
217	Feature Ranking Based on Decision Border. , 2010, , .		3
218	A genetic algorithm based feature weighting methodology. , 2010, , .		1
219	New learning approach for drug design. , 2010, , .		0
220	Toward an ensemble of filters for classification. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
221	Employing Weighted Biological Network Structure for Finding Disease Genetic Markers in SNP Association Studies. , 2011, , .		2
222	Feature selection analysis of WorldView-II data for similar urban objects distinction. , 2011, , .		0
223	Joint feature selection and hierarchical classifier design. , 2011, , .		9
224	The application of ReliefF algorithm for identifying CTQ in complex products. , 2011, , .		1
225	Improving the MLP Learning by Using a Method to Calculate the Initial Weights of the Network Based on the Quality of Similarity Measure. Lecture Notes in Computer Science, 2011, , 351-362.	1.3	7
226	Feature selection for fault detection systems: Application to the Tennessee Eastman Process. , 2011, , .		3
227	Gene-gene interactions contribute to eye colour variation in humans. Journal of Human Genetics, 2011, 56, 447-455.	2.3	57
228	ReliefF-Based Feature Selection for Automatic Tumor Classification of Mammogram Images. , 2011, , .		4
229	Random forest: A reliable tool for patient response prediction. , 2011, , .		46
231	RELIEF-DISC: An Extended RELIEF Algorithm Using Discretization Approach for Continuous Features. , 2011, , .		1
232	A comparative evaluation of feature ranking methods for high dimensional bioinformatics data. , 2011, , .		34
233	Multifactor Dimensionality Reduction as a Filter-Based Approach for Genome Wide Association Studies. Frontiers in Genetics, 2011, 2, 80.	2.3	12
234	Lazy attribute selection: Choosing attributes at classification time. Intelligent Data Analysis, 2011, 15, 715-732.	0.9	12
235	A NEW LEARNING ACHIEVEMENT EVALUATION MODEL BASED ON ROUGH SET AND SIMILARITY FILTER. Computational Intelligence, 2011, 27, 260-279.	3.2	11
236	Assisted Descriptor Selection Based on Visual Comparative Data Analysis. Computer Graphics Forum, 2011, 30, 891-900.	3.0	34
237	Large-margin nearest neighbor classifiers via sample weight learning. Neurocomputing, 2011, 74, 656-660.	5.9	74
238	Relevance assessment of full-waveform lidar data for urban area classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, S71-S84.	11.1	215
239	An efficient statistical feature selection approach for classification of gene expression data. Journal of Biomedical Informatics, 2011, 44, 529-535.	4.3	119

#	ARTICLE	IF	CITATIONS
240	TC-VGC: A Tumor Classification System using Variations in Genesâ€™ Correlation. Computer Methods and Programs in Biomedicine, 2011, 104, e87-e101.	4.7	8
241	Robust fitting of fluorescence spectra for pre-symptomatic wheat leaf rust detection with Support Vector Machines. Computers and Electronics in Agriculture, 2011, 79, 180-188.	7.7	80
242	Using data mining for digital ink recognition: Dividing text and shapes in sketched diagrams. Computers and Graphics, 2011, 35, 976-991.	2.5	14
243	Image annotation by incorporating word correlations into multi-class SVM. Soft Computing, 2011, 15, 917-927.	3.6	12
244	Simulated annealing for supervised gene selection. Soft Computing, 2011, 15, 1471-1482.	3.6	7
245	A new e-learning achievement evaluation model based on RBF-NN and similarity filter. Neural Computing and Applications, 2011, 20, 659-669.	5.6	5
246	Optimizing reservoir features in oil exploration management based on fusion of soft computing. Applied Soft Computing Journal, 2011, 11, 1144-1155.	7.2	15
247	Rough set based approaches to feature selection for Case-Based Reasoning classifiers. Pattern Recognition Letters, 2011, 32, 280-292.	4.2	57
248	On the discriminability of keystroke feature vectors used in fixed text keystroke authentication. Pattern Recognition Letters, 2011, 32, 1070-1080.	4.2	59
249	A Regularization Framework for Feature Selection. , 2011, , .		0
250	A novel feature selection methodology based on outlier detection technologies. , 2011, , .		0
251	Fast dependency-aware feature selection in very-high-dimensional pattern recognition. , 2011, , .		8
252	Selection of Continuous Features Based on Distribution of Objects. , 2011, , .		0
253	Kernelized Fuzzy Rough Sets and Their Applications. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1649-1667.	5.7	146
254	Ensemble Feature Ranking Methods for Data Intensive Computing Applications. , 2011, , 349-376.		16
255	[KD3] A Workflow-Based Application for Exploration of Biomedical Data Sets. Lecture Notes in Computer Science, 2011, , 148-157.	1.3	3
256	Impact of Noise and Data Sampling on Stability of Feature Selection. , 2011, , .		2
257	Comparison of feature selection methods for multiclass cancer classification based on microarray data. , 2011, , .		6

#	ARTICLE	IF	CITATIONS
258	Feature selection for log-linear acoustic models. , 2011, , .		4
259	Dayside corona aurora classification based on X-ray level aurora matrices and feature selection. International Journal of Computer Mathematics, 2011, 88, 3852-3863.	1.8	4
260	An evaluation of measures to dissociate language and communication disorders from healthy controls using machine learning techniques. , 2012, , .		5
261	Using fuzzy formal concepts in the genetic generation of fuzzy systems. , 2012, , .		5
262	Feature selection for intelligent stability assessment of power systems. , 2012, , .		10
263	An extensive comparison of feature ranking aggregation techniques in bioinformatics. , 2012, , .		25
264	Comparing the impacts of dimension reduction methods that use class labels on text classification. , 2012, , .		0
265	Improving classification through ensemble neural networks. , 2012, , .		2
266	Fuzzy rough data reduction in large datasets with building application software (FRDRS). International Journal of Granular Computing, Rough Sets and Intelligent Systems, 2012, 2, 292.	0.3	1
267	Using Ensemble Random Forests for the extraction and exploitation of knowledge on gas turbine blading faults identification. OR Insight, 2012, 25, 80-104.	0.1	6
268	An Empirical Study on the Stability of Feature Selection for Imbalanced Software Engineering Data. , 2012, , .		5
269	Measuring stability of feature ranking techniques: a noise-based approach. International Journal of Business Intelligence and Data Mining, 2012, 7, 80.	0.2	6
270	Discriminative Feature Selection by Nonparametric Bayes Error Minimization. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1422-1434.	5.7	31
271	Location of faults generating short-duration voltage variations in distribution systems regions from records captured at one point and decomposed into damped sinusoids. IET Generation, Transmission and Distribution, 2012, 6, 1225-1234.	2.5	30
272	Extracting performance rules of suppliers in the manufacturing industry: an empirical study. Journal of Intelligent Manufacturing, 2012, 23, 2037-2045.	7.3	17
273	An Empirical Investigation of Filter Attribute Selection Techniques for High-Speed Network Traffic Flow Classification. Wireless Personal Communications, 2012, 66, 541-558.	2.7	6
274	Threshold-based feature selection techniques for high-dimensional bioinformatics data. Network Modeling Analysis in Health Informatics and Bioinformatics, 2012, 1, 47-61.	2.1	49
275	Integrating a differential evolution feature weighting scheme into prototype generation. Neurocomputing, 2012, 97, 332-343.	5.9	23

#	ARTICLE	IF	CITATIONS
276	Feature selection for complex systems monitoring: An application using data fusion. , 2012, , .		1
277	Face recognition based on DCT and multi-scale ∊-LBP. , 2012, , .		1
278	A feature selection model for binary classification of imbalanced data based on preference for target instances. , 2012, , .		3
279	Impact of noise and data sampling on stability of feature ranking techniques for biological datasets. , 2012, , .		30
280	Strategies for Neutralising Sexually Explicit Language. , 2012, , .		1
281	Hybrid feature selection method for biomedical datasets. , 2012, , .		5
282	Anger recognition in Turkish speech using acoustic information. , 2012, , .		2
283	Classification of breast cancer microarray data using Radial Basis Function Network. , 2012, , .		4
284	A Novel Approach to Feature Selection for Clustering. , 2012, , .		1
285	Binary particle swarm optimisation for feature selection: A filter based approach. , 2012, , .		99
286	A New Fixed-Overlap Partitioning Algorithm for Determining Stability of Bioinformatics Gene Rankers. , 2012, , .		3
287	A novel dataset-similarity-aware approach for evaluating stability of software metric selection techniques. , 2012, , .		7
288	Combining feature ranking algorithms through rank aggregation. , 2012, , .		37
289	Comparing Two New Gene Selection Ensemble Approaches with the Commonly-Used Approach. , 2012, , .		19
290	Feature selection based on a fuzzy complementary criterion: application to gait recognition using ground reaction forces. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 627-644.	1.6	9
291	EpicCapo: epitope prediction using combined information of amino acid pairwise contact potentials and HLA-peptide contact site information. BMC Bioinformatics, 2012, 13, 313.	2.6	9
292	Integrating Instance Selection, Instance Weighting, and Feature Weighting for Nearest Neighbor Classifiers by Coevolutionary Algorithms. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1383-1397.	5.0	51
294	A review of the stability of feature selection techniques for bioinformatics data. , 2012, , .		70

#	ARTICLE	IF	CITATIONS
295	Automated tuning of a vision-based inspection system for industrial food manufacturing. , 2012, , .		9
296	Tract-based magnetic resonance spectroscopy of the cingulum bundles at 7 T. Human Brain Mapping, 2012, 33, 1503-1511.	3.6	10
297	Discovering knowledge of hemodialysis (HD) quality using granularity-based rough set theory. Archives of Gerontology and Geriatrics, 2012, 54, 232-237.	3.0	3
298	Identifying a small set of marker genes using minimum expected cost of misclassification. Artificial Intelligence in Medicine, 2012, 55, 51-59.	6.5	3
299	A rule-based method for identifying the factor structure in customer satisfaction. Information Sciences, 2012, 198, 118-129.	6.9	17
300	Microarray gene expression classification with few genes: Criteria to combine attribute selection and classification methods. Expert Systems With Applications, 2012, 39, 7270-7280.	7.6	45
301	A comparative study on feature reduction approaches in Hindi and Bengali named entity recognition. Knowledge-Based Systems, 2012, 27, 322-332.	7.1	24
302	Large-margin feature selection for monotonic classification. Knowledge-Based Systems, 2012, 31, 8-18.	7.1	25
303	Feature selection based on sensitivity analysis of fuzzy ISODATA. Neurocomputing, 2012, 85, 29-37.	5.9	30
304	Feature evaluation and selection with cooperative game theory. Pattern Recognition, 2012, 45, 2992-3002.	8.1	79
305	Application of global optimization methods to model and feature selection. Pattern Recognition, 2012, 45, 3676-3686.	8.1	43
306	Entropy on covers. Data Mining and Knowledge Discovery, 2012, 24, 288-309.	3.7	3
307	An enhanced XCS rule discovery module using feature ranking. International Journal of Machine Learning and Cybernetics, 2013, 4, 173-187.	3.6	6
308	Divergence-based feature selection for separate classes. Neurocomputing, 2013, 101, 32-42.	5.9	42
309	Oral cancer prognosis based on clinicopathologic and genomic markers using a hybrid of feature selection and machine learning methods. BMC Bioinformatics, 2013, 14, 170.	2.6	111
310	A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. Health and Technology, 2013, 3, 99-109.	3.6	9
311	Exploring Discriminatory Features for Automated Malware Classification. Lecture Notes in Computer Science, 2013, , 41-61.	1.3	46
312	A review of feature selection methods on synthetic data. Knowledge and Information Systems, 2013, 34, 483-519.	3.2	563

#	ARTICLE	IF	CITATIONS
313	Training data selection with user's physical characteristics data for acceleration-based activity modeling. Personal and Ubiquitous Computing, 2013, 17, 451-463.	2.8	2
314	Fine-grained traffic classification based on functional separation. International Journal of Network Management, 2013, 23, 350-381.	2.2	23
315	Evolutionary generation of neural network classifiers—An empirical comparison. Neurocomputing, 2013, 99, 214-229.	5.9	22
316	Robust feature selection based on regularized brownboost loss. Knowledge-Based Systems, 2013, 54, 180-198.	7.1	10
317	Representing and Retrieving Video Shots in Human-Centric Brain Imaging Space. IEEE Transactions on Image Processing, 2013, 22, 2723-2736.	9.8	229
318	An Adaptive Method for User Profile Learning. Lecture Notes in Computer Science, 2013, , 126-134.	1.3	6
319	Pertinent User Profile based on Adaptive Semi-supervised Learning. Procedia Computer Science, 2013, 22, 313-320.	2.0	2
320	Toward the scalability of neural networks through feature selection. Expert Systems With Applications, 2013, 40, 2807-2816.	7.6	10
321	RFRR: Robust Fuzzy Rough Reduction. IEEE Transactions on Fuzzy Systems, 2013, 21, 825-841.	9.8	37
322	Comparison of rank-based vs. score-based aggregation for ensemble gene selection. , 2013, , .		2
323	Manifold based fisher method for semi-supervised feature selection. , 2013, , .		4
324	Maximizing Classification Performance for Patient Response Datasets. , 2013, , .		3
325	The effect of accent in recognizing dialog act in Chinese. , 2013, , .		3
326	Spatio-spectral analysis of ECoG signals during voice activity. , 2013, , .		0
327	Predicting susceptibility to social bots on Twitter. , 2013, , .		34
328	Classification based on local feature selection via linear programming. , 2013, , .		2
329	Leveraging Light-Weight Analyses to Aid Software Maintenance. , 2013, , .		0
330	Object-oriented feature selection of high spatial resolution images using an improved Relief algorithm. Mathematical and Computer Modelling, 2013, 58, 619-626.	2.0	49

#	ARTICLE	IF	CITATIONS
331	Comparative Analysis on the Stability of Feature Selection Techniques Using Three Frameworks on Biological Datasets. , 2013, , .		0
332	ICP: A novel approach to predict prognosis of prostate cancer with inner-class clustering of gene expression data. Computers in Biology and Medicine, 2013, 43, 1363-1373.	7.0	4
333	Maximum weight and minimum redundancy: A novel framework for feature subset selection. Pattern Recognition, 2013, 46, 1616-1627.	8.1	72
334	Neighborhood effective information ratio for hybrid feature subset evaluation and selection. Neurocomputing, 2013, 99, 25-37.	5.9	18
335	Effective search for genetic-based machine learning systems via estimation of distribution algorithms and embedded feature reduction techniques. Neurocomputing, 2013, 113, 105-121.	5.9	17
336	A Short Tour of the Predictive Modeling Process. , 2013, , 19-26.		21
337	Linear Regression and Its Cousins. , 2013, , 101-139.		4
338	Factors That Can Affect Model Performance. , 2013, , 521-546.		3
339	Evaluation of the corrosion resistance of new ZrTi alloys by experiment and simulation with an adaptive instance-based regression model. Corrosion Science, 2013, 73, 106-122.	6.6	23
340	A novel feature selection method and its application. Journal of Intelligent Information Systems, 2013, 41, 235-268.	3.9	5
341	Assessing similarity of feature selection techniques in high-dimensional domains. Pattern Recognition Letters, 2013, 34, 1446-1453.	4.2	19
342	Epistasis, Complexity, and Multifactor Dimensionality Reduction. Methods in Molecular Biology, 2013, 1019, 465-477.	0.9	18
343	Load forecasting using a multivariate meta-learning system. Expert Systems With Applications, 2013, 40, 4427-4437.	7.6	56
344	Selecting feature subset for high dimensional data via the propositional FOIL rules. Pattern Recognition, 2013, 46, 199-214.	8.1	38
345	Dealing with highly imbalanced textual data gathered into similar classes. , 2013, , .		0
346	Which Users Reply to and Interact with Twitter Social Bots?. , 2013, , .		12
347	Artificial immune system for attribute weighted Naive Bayes classification. , 2013, , .		28
348	Effect of Texture Features in Computer Aided Diagnosis of Pulmonary Nodules in Low-Dose Computed Tomography. , 2013, , .		24

#	ARTICLE	IF	CITATIONS
349	Efficient leave-one-out strategy for supervised feature selection. Tsinghua Science and Technology, 2013, 18, 629-635.	6.1	12
350	Kl. Comparison between Using Linear and Non-linear Features to Classify Uterine Electromyography Signals of Term and Preterm Deliveries. , 2013, , .		4
351	Multiplatform single-sample estimates of transcriptional activation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17778-17783.	7.1	86
352	A novel feature subset selection algorithm based on association rule mining. Intelligent Data Analysis, 2013, 17, 803-835.	0.9	4
353	Improved Nonnegative Matrix Factorization Based Feature Selection for High Dimensional Data Analysis. Applied Mechanics and Materials, 0, 347-350, 2344-2348.	0.2	1
354	The Application of Tolerant Rough Set Neural Network to Fighter Fault Diagnosis. Applied Mechanics and Materials, 2013, 341-342, 809-814.	0.2	0
355	A New Feature Selection and Feature Contrasting Approach Based on Quality Metric: Application to Efficient Classification of Complex Textual Data. Lecture Notes in Computer Science, 2013, , 367-378.	1.3	5
356	The learning of adjectives and nouns from affordance and appearance features. Adaptive Behavior, 2013, 21, 437-451.	1.9	37
357	Exploring the relationships between students' learning styles and social media use in educational settings. , 2013, , .		2
358	Design Pattern Recognition by Using Adaptive Neuro Fuzzy Inference System. , 2013, , .		1
359	Characterizing genetic interactions using a machine learning approach in Colombian patients with Alzheimer's disease. , 2013, , .		3
360	Relating affordances with verbs, nouns and adjectives. , 2013, , .		0
361	Adaptive colour transformation of retinal images for stroke prediction. , 2013, 2013, 7384-7.		1
362	Hidden dependencies between class imbalance and difficulty of learning for bioinformatics datasets. , 2013, , .		13
363	Comparison of Two Frameworks for Measuring the Stability of Gene-Selection Techniques on Noisy Class-Imbalanced Data. , 2013, , .		2
365	Enhancing Classification Accuracy with the Help of Feature Maximization Metric. , 2013, , .		1
366	Sharing hardware resources in heterogeneous computer-supported collaboration scenarios. Integrated Computer-Aided Engineering, 2013, 20, 59-77.	4.6	7
367	Feature Selection via ℓ_1 -Penalized Squared-Loss Mutual Information. IEICE Transactions on Information and Systems, 2013, E96.D, 1513-1524.	0.7	11

#	ARTICLE	IF	CITATIONS
368	Mining the Relationship between Demographic Variables and Brand Associations. International Journal of Managing Value and Supply Chains, 2013, 4, 1-9.	0.2	0
369	Applications of Support Vector Machines in the Exploratory Phase of Petroleum and Natural Gas: a Survey. International Journal of Engineering and Technology(UAE), 2013, 2, 113.	0.3	21
370	Algorithmic Analysis of Clinical and Neuropsychological Data in Localization-Related Epilepsy. International Journal of Computational Models and Algorithms in Medicine, 2014, 4, 33-58.	0.4	0
371	Predicting Epileptic Seizures in Advance. PLoS ONE, 2014, 9, e99334.	2.5	98
372	Document features selection using background knowledge and word clustering technique. Management Science Letters, 2014, , 241-250.	1.5	1
373	High-Throughput Genetic Interaction Study. , 2014, , 55-80.		0
374	Unsupervised Selection of Robust Audio Feature Subsets. , 2014, , .		2
375	Unsupervised EEG biosignal discrimination. International Journal of Reasoning-based Intelligent Systems, 2014, 6, 118.	0.1	3
376	A novel feature selection by clustering coefficients of variations. , 2014, , .		15
377	The analysis of feature selection methods and classification algorithms in permission based Android malware detection. , 2014, , .		49
378	Classification of Stair Ascent and Descent in Stroke Patients. , 2014, , .		15
379	Privacy-aware filter-based feature selection. , 2014, , .		7
380	An improved fast clustering-based feature subset selection algorithm for multi featured dataset. , 2014, , .		2
381	Evolutionary feature weighting to improve the performance of multi-label lazy algorithms. Integrated Computer-Aided Engineering, 2014, 21, 339-354.	4.6	38
382	An automatic visual system to identify and estimate ionic contamination in printed circuit boards using electrochemical migration patterns. , 2014, , .		1
383	Predicting a biological response of molecules from their chemical properties using diverse and optimized ensembles of stochastic gradient boosting machine. , 2014, , .		1
384	The ensemble of Naïve Bayes classifiers for hotel searching. , 2014, , .		6
385	Classification performance of three approaches for combining data sampling and gene selection on bioinformatics data. , 2014, , .		9

#	ARTICLE	IF	CITATIONS
386	Challenge balancing for personalised game spaces. , 2014, , .		12
387	Ensemble Feature Ranking Applied to Medical Data. Procedia Technology, 2014, 17, 223-230.	1.1	14
388	Feature selection and allocation to diverse subsets for multi-label learning problems with large datasets. , 2014, , .		6
389	Comparison of feature and classifier algorithms for online automatic sleep staging based on a single EEG signal. , 2014, 2014, 1876-80.		46
390	A New Epistasis Detecting Algorithm Based on Ant Colony Optimization. , 2014, , .		1
391	Spectral clustering-based local and global structure preservation for feature selection. , 2014, , .		7
392	An Extended Michigan-Style Learning Classifier System for Flexible Supervised Learning, Classification, and Data Mining. Lecture Notes in Computer Science, 2014, , 211-221.	1.3	13
393	Using slowness principle for feature selection: Relevant feature analysis. , 2014, , .		0
394	A decision tree-based on-line preventive control strategy for power system transient instability prevention. International Journal of Systems Science, 2014, 45, 176-186.	5.5	22
395	Attribute weighting: How and when does it work for Bayesian Network Classification. , 2014, , .		6
396	Unsupervised feature selection for linked data. , 2014, , .		1
397	A group decision classifier with particle swarm optimization and decision tree for analyzing achievements in mathematics and science. Neural Computing and Applications, 2014, 25, 2011-2023.	5.6	7
398	Optimal selection of electrocorticographic sensors for voice activity detection. , 2014, , .		0
399	mPadal: a joint local-and-global multi-view feature selection method for activity recognition. Applied Intelligence, 2014, 41, 776-790.	5.3	13
400	A human geospatial predictive analytics framework with application to finding medically underserved areas. , 2014, , .		2
401	Real-time voice activity detection for ECoG-based speech brain machine interfaces. , 2014, , .		13
402	Hybrid clustering solution selection strategy. Pattern Recognition, 2014, 47, 3362-3375.	8.1	61
403	Comparative analysis on margin based feature selection algorithms. International Journal of Machine Learning and Cybernetics, 2014, 5, 339-367.	3.6	8

#	ARTICLE	IF	CITATIONS
404	Learning Classifier Systems: The Rise of Genetics-Based Machine Learning in Biomedical Data Mining. , 2014, , 265-311.		1
405	Local feature selection using Gaussian process regression. Intelligent Data Analysis, 2014, 18, 319-336.	0.9	1
406	Techniques of Decision Tree Induction. Studies in Computational Intelligence, 2014, , 11-117.	0.9	6
407	FECAR: A Feature Selection Framework for Software Defect Prediction. , 2014, , .		43
408	Improving feature ranking for biomarker discovery in proteomics mass spectrometry data using genetic programming. Connection Science, 2014, 26, 215-243.	3.0	23
409	Using feature generation from API calls for malware detection. Computer Fraud and Security, 2014, 2014, 9-18.	1.6	49
410	Gene selection using rough set based on neighborhood for the analysis of plant stress response. Applied Soft Computing Journal, 2014, 25, 51-63.	7.2	16
411	Multi-objective unsupervised feature selection algorithm utilizing redundancy measure and negative epsilon-dominance for fault diagnosis. Neurocomputing, 2014, 146, 113-124.	5.9	28
412	Choosing Feature Selection and Learning Algorithms in QSAR. Journal of Chemical Information and Modeling, 2014, 54, 837-843.	5.4	83
413	An improved artificial immune recognition system with the opposite sign test for feature selection. Knowledge-Based Systems, 2014, 71, 126-145.	7.1	26
414	Statistical computation of feature weighting schemes through data estimation for nearest neighbor classifiers. Pattern Recognition, 2014, 47, 3941-3948.	8.1	28
415	PRESC \mathcal{H}^2 : efficient self-reconfiguration of cache strategies for elastic caching platforms. Computing (Vienna/New York), 2014, 96, 415-451.	4.8	4
416	A Comparative Study on Classification of Sleep Stage Based on EEG Signals Using Feature Selection and Classification Algorithms. Journal of Medical Systems, 2014, 38, 18.	3.6	197
417	Data classification using an ensemble of filters. Neurocomputing, 2014, 135, 13-20.	5.9	78
418	Optical filter selection for automatic visual inspection. , 2014, , .		2
419	Integration of dense subgraph finding with feature clustering for unsupervised feature selection. Pattern Recognition Letters, 2014, 40, 104-112.	4.2	58
420	Multiple-instance discriminant analysis. Pattern Recognition, 2014, 47, 2517-2531.	8.1	6
421	Activity classification based on inertial and barometric pressure sensors at different anatomical locations. Physiological Measurement, 2014, 35, 1245-1263.	2.1	158

#	ARTICLE	IF	CITATIONS
422	Incremental feature selection based on rough set in dynamic incomplete data. Pattern Recognition, 2014, 47, 3890-3906.	8.1	94
423	Learning to predict match scores for iris image quality assessment. , 2014, , .		2
424	Data mining technique for identification of diagnostic biomarker to predict Schizophrenia disorder. , 2014, , .		6
425	Maximizing margin quality and quantity. , 2015, , .		0
426	Feature Selection for SUNNY: A Study on the Algorithm Selection Library. , 2015, , .		2
427	Nearest Neighbor-Based Techniques. , 2015, , 322-357.		0
428	Gene selection by Mutual Nearest Neighbor approach. , 2015, , .		0
429	A sparse feature representation for genetic data analysis. , 2015, , .		0
430	A hybrid ensemble method based on double disturbance for classifying microarray data. Bio-Medical Materials and Engineering, 2015, 26, S1961-S1968.	0.6	5
431	Reducing execution profiles: techniques and benefits. Software Testing Verification and Reliability, 2015, 25, 115-137.	2.0	2
432	Sequence based human leukocyte antigen gene prediction using informative physicochemical properties. International Journal of Data Mining and Bioinformatics, 2015, 13, 211.	0.1	11
433	A survey about methods dedicated to epistasis detection. Frontiers in Genetics, 2015, 6, 285.	2.3	114
434	Supervised feature selection: A tutorial. Artificial Intelligence Research, 2015, 4, .	0.3	68
435	Reducing Features of KDD CUP 1999 Dataset for Anomaly Detection Using Back Propagation Neural Network. , 2015, , .		15
436	Classification of Gold-Bearing Particles Using Visual Cues and Cost-Sensitive Machine Learning. Mathematical Geosciences, 2015, 47, 521-545.	2.4	10
437	Cross-Platform Pathway Activity Transformation and Classification of Microarray Data. Advances in Intelligent Systems and Computing, 2015, , 139-148.	0.6	2
438	A hybrid approach for feature selection. , 2015, , .		2
439	Real-time sensor- and camera-based logging of sleep postures. , 2015, , .		13

#	ARTICLE	IF	CITATIONS
440	Projection selection hashing. , 2015, , .		4
441	A Probabilistic Concept Web on a Humanoid Robot. IEEE Transactions on Autonomous Mental Development, 2015, 7, 92-106.	1.6	16
442	Channel selection for monovariate analysis on EHG. , 2015, , .		1
443	Towards a usable and an efficient elder fall detection system. , 2015, , .		4
444	Improving the prediction performance of PLSR using RReliefF and FSD for the quantitative analysis of glucose in Near Infrared spectra. , 2015, 2015, 2379-82.		0
445	A Time Efficient Approach for Distributed Feature Selection Partitioning by Features. Lecture Notes in Computer Science, 2015, , 245-254.	1.3	5
446	Sparse kernel learning-based feature selection for anomaly detection. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1698-1716.	4.7	18
447	Evaluating text features for lyrics-based songwriter prediction. , 2015, , .		3
448	A Feature Selection Algorithm of Dynamic Data-Stream Based on Hoeffding Inequality. , 2015, , .		0
449	Statistical approach for transient stability constrained optimal power flow. IET Generation, Transmission and Distribution, 2015, 9, 1856-1864.	2.5	17
450	Feature Ranking Based on Information Gain for Large Classification Problems with MapReduce. , 2015, , .		15
451	A subset-search and ranking based feature-selection for histology image classification using global and local quantification. , 2015, , .		2
452	Real-Time Tear Film Classification Through Cost-Based Feature Selection. Lecture Notes in Computer Science, 2015, , 78-98.	1.3	3
453	Efficient Algorithms for Accelerometer-Based Wearable Hand Gesture Recognition Systems. , 2015, , .		13
454	Feature selection technology based on sample unbiased evaluation. , 2015, , .		0
455	Minimal neighborhood redundancy maximal relevance: Application to the diagnosis of Alzheimer's disease. Neurocomputing, 2015, 155, 295-308.	5.9	11
456	Similarity of feature selection methods: An empirical study across data intensive classification tasks. Expert Systems With Applications, 2015, 42, 4632-4642.	7.6	69
457	Feature Selection. Intelligent Systems Reference Library, 2015, , 163-193.	1.2	14

#	ARTICLE	IF	CITATIONS
458	Image-to-class distance ratio: A feature filtering metric for image classification. Neurocomputing, 2015, 165, 211-221.	5.9	1
459	State of charge preventive control of storage device to stabilize VSI-based microgrid after islanding occurrence using ANN-based control. Neural Computing and Applications, 2015, 26, 669-677.	5.6	0
460	AME-WPC: Advanced model for efficient workload prediction in the cloud. Journal of Network and Computer Applications, 2015, 55, 191-201.	9.1	56
461	Scalable extensions of the ReliefF algorithm for weighting and selecting features on the multi-label learning context. Neurocomputing, 2015, 161, 168-182.	5.9	155
462	A Distributed Feature Selection Approach Based on a Complexity Measure. Lecture Notes in Computer Science, 2015, , 15-28.	1.3	8
463	An Empirical Analysis and Performance Evaluation of Feature Selection Techniques for Belief Network Classification System. International Journal of Control and Automation, 2015, 8, 375-386.	0.3	5
464	Genetic algorithm with aggressive mutation for feature selection in BCI feature space. Pattern Analysis and Applications, 2015, 18, 485-492.	4.6	42
465	ExSTraCS 2.0: description and evaluation of a scalable learning classifier system. Evolutionary Intelligence, 2015, 8, 89-116.	3.6	88
466	Feature selection for classification with class-separability strategy and data envelopment analysis. Neurocomputing, 2015, 166, 172-184.	5.9	15
467	Improved waveformâ€œfeatureâ€œbased vehicle classification using a singleâ€œpoint magnetic sensor. Journal of Advanced Transportation, 2015, 49, 663-682.	1.7	10
468	Feature selection in possibilistic modeling. Pattern Recognition, 2015, 48, 3627-3640.	8.1	20
469	Feature selection of medical data sets based on RS-RELIEFF. , 2015, , .		1
470	Feature Selection for High-Dimensional Data. The Artificial Intelligence: Foundationsory, and Algorithms, 2015, , .	0.4	141
471	Foundations of Feature Selection. The Artificial Intelligence: Foundationsory, and Algorithms, 2015, , 13-28.	0.4	6
472	Fault detection for cloud computing systems with correlation analysis. , 2015, , .		24
473	Membership-margin based feature selection for mixed type and high-dimensional data: Theory and applications. Information Sciences, 2015, 322, 174-196.	6.9	15
474	Feature selection with NSGA and GAAM in EEG signals domain. , 2015, , .		5
475	Multi-Damage Identification System of CFRP by Using FBG Sensors and Multi-Classification RVM Method. IEEE Sensors Journal, 2015, 15, 6287-6293.	4.7	6

#	ARTICLE	IF	CITATIONS
476	Automatic Detection of Learning-Centered Affective States in the Wild. , 2015, , .		102
477	Ensemble Feature Selection for Rankings of Features. Lecture Notes in Computer Science, 2015, , 29-42.	1.3	16
478	A New Proposed Feature Subset Selection Algorithm Based on Maximization of Gain Ratio. Lecture Notes in Computer Science, 2015, , 181-197.	1.3	1
479	An evaluation of classifier-specific filter measure performance for feature selection. Pattern Recognition, 2015, 48, 1812-1826.	8.1	75
480	Improvement of protein binding sites prediction by selecting amino acid residuesâ€™ features. Journal of Structural Biology, 2015, 189, 9-19.	2.8	2
481	Sequential random k-nearest neighbor feature selection for high-dimensional data. Expert Systems With Applications, 2015, 42, 2336-2342.	7.6	76
482	Data-driven analysis of functional brain interactions during free listening to music and speech. Brain Imaging and Behavior, 2015, 9, 162-177.	2.1	5
483	To tune or not to tune: rule evaluation for metaheuristic-based sequential covering algorithms. Data Mining and Knowledge Discovery, 2015, 29, 237-272.	3.7	14
484	Estimation of seismic building structural types using multi-sensor remote sensing and machine learning techniques. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 104, 175-188.	11.1	87
485	Sparse feature selection based on L2,1/2-matrix norm for web image annotation. Neurocomputing, 2015, 151, 424-433.	5.9	7
486	Self-adaptive attribute weighting for Naive Bayes classification. Expert Systems With Applications, 2015, 42, 1487-1502.	7.6	77
487	Developing an approach to evaluate stocks by forecasting effective features with data mining methods. Expert Systems With Applications, 2015, 42, 1325-1339.	7.6	68
488	Optimizing text classification through efficient feature selection based on quality metric. Journal of Intelligent Information Systems, 2015, 45, 379-396.	3.9	28
489	Evaluation and Sociolinguistic Analysis of Text Features for Gender and Age Identification. American Journal of Engineering and Applied Sciences, 2016, 9, 868-876.	0.6	3
490	An Ensemble of Filters and Wrappers for Microarray Data Classification. Machine Learning and Applications an International Journal, 2016, 3, 01-17.	0.2	6
491	Robust Feature Selection from Microarray Data Based on Cooperative Game Theory and Qualitative Mutual Information. Advances in Bioinformatics, 2016, 2016, 1-16.	5.7	12
492	Exploratory Study to Identify Radiomics Classifiers for Lung Cancer Histology. Frontiers in Oncology, 2016, 6, 71.	2.8	306
493	A machine learning strategy for predicting localization of post-translational modification sites in protein-protein interacting regions. BMC Bioinformatics, 2016, 17, 307.	2.6	11

#	ARTICLE	IF	CITATIONS
494	Identification of Alfalfa Leaf Diseases Using Image Recognition Technology. PLoS ONE, 2016, 11, e0168274.	2.5	136
495	Towards Optimization of Multi-material Structure: Metamodeling of Mixed-Variable Problems. SAE International Journal of Materials and Manufacturing, 0, 9, 400-409.	0.3	2
496	Incremental relevance sample-feature machine: A fast marginal likelihood maximization approach for joint feature selection and classification. Pattern Recognition, 2016, 60, 835-848.	8.1	19
497	Machine learning techniques for daily solar energy prediction and interpolation using numerical weather models. Concurrency Computation Practice and Experience, 2016, 28, 1261-1274.	2.2	20
498	A Fast and Accurate Feature Selection Algorithm Based on Binary Consistency Measure. Computational Intelligence, 2016, 32, 646-667.	3.2	11
499	Cosine similarity based filter technique for feature selection. , 2016, , .		3
500	An information theoretic feature selection framework based on integer programming. , 2016, , .		0
501	A survey on pre-processing techniques: Relevant issues in the context of environmental data mining. AI Communications, 2016, 29, 627-663.	1.2	43
502	Extracting building patterns with multilevel graph partition and building grouping. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 122, 81-96.	11.1	41
503	Estimating Physical Characteristics with Body-worn Accelerometers Based on Activity Similarities. Journal of Information Processing, 2016, 24, 237-246.	0.4	2
504	Feature selection based on correlations of gene-expression values for cancer prediction. , 2016, , .		4
505	Intelligent feature selection using hybrid based feature selection method. , 2016, , .		0
506	Improving malignancy prediction through feature selection informed by nodule size ranges in NLST. , 2016, 2016, 001939-1944.		5
507	Feature selection using Markov clustering and maximum spanning tree in high dimensional data. , 2016, , .		0
508	Estimation of Discriminative Feature Subset Using Community Modularity. Scientific Reports, 2016, 6, 25040.	3.3	5
509	Design and optimization of an autonomous feature selection pipeline for high dimensional, heterogeneous feature spaces. , 2016, , .		7
510	A fuzzy precedence graph definition for algebra-based dimension reduction. , 2016, , .		0
511	Feature Selection methods applied to Motor Imagery task classification. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
512	Application of ReliefF algorithm to selecting feature sets for classification of high resolution remote sensing image. , 2016, , .		36
513	Robust feature selection via simultaneous capped ℓ_2 -norm and ℓ_1 -norm minimization. , 2016, , .		10
514	Mixed-Variable Metamodeling Methods for Designing Multi-Material Structures. , 2016, , .		4
515	The feature selection algorithm based on feature overlapping and group overlapping. , 2016, , .		2
516	An Individualized Preprocessing for Medical Data Classification. Procedia Computer Science, 2016, 82, 35-42.	2.0	22
517	Feature selection for high-dimensional data. Progress in Artificial Intelligence, 2016, 5, 65-75.	2.4	97
518	Big Data Analytics for Modelling the Impact of Wind Power Generation on Competitive Electricity Market Prices. , 2016, , .		3
519	Genotypic and phenotypic predictors of inflammation in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2016, 31, 2033-2040.	0.7	8
520	Swarm MeLiF: Feature Selection with Filter Combination Found via Swarm Intelligence. Advances in Intelligent Systems and Computing, 2016, , 227-234.	0.6	0
521	Feature selection methods for big data bioinformatics: A survey from the search perspective. Methods, 2016, 111, 21-31.	3.8	242
522	An effective feature selection approach driven genetic algorithm wrapped Bayes naïve. International Journal of Data Analysis Techniques and Strategies, 2016, 8, 220.	0.2	5
523	Deciding on the support schemes for upcoming wind farms in competitive electricity markets. Energy, 2016, 116, 8-19.	8.8	3
524	Site of metabolism prediction for oxidation reactions mediated by oxidoreductases based on chemical bond. Bioinformatics, 2017, 33, 363-372.	4.1	12
525	Model Selection for Financial Statement Analysis: Variable Selection with Data Mining Technique. Procedia Computer Science, 2016, 96, 1681-1690.	2.0	7
526	Predicting adherence of patients with HF through machine learning techniques. Healthcare Technology Letters, 2016, 3, 165-170.	3.3	41
527	Feature Selection Issues in Long-Term Travel Time Prediction. Lecture Notes in Computer Science, 2016, , 98-109.	1.3	9
528	A Survey on Feature Selection. Procedia Computer Science, 2016, 91, 919-926.	2.0	305
529	Feature identification for predicting community evolution in dynamic social networks. Engineering Applications of Artificial Intelligence, 2016, 55, 202-218.	8.1	30

#	ARTICLE	IF	CITATIONS
530	Dimensionality Reduction. , 2016, , 115-131.		0
531	A novel feature selection strategy for friends recommendation. , 2016, , .		3
532	Effectively Classifying Short Texts via Improved Lexical Category and Semantic Features. Lecture Notes in Computer Science, 2016, , 163-174.	1.3	4
533	Object-based urban structure type pattern recognition from Landsat TM with a Support Vector Machine. International Journal of Remote Sensing, 2016, 37, 4059-4083.	2.9	13
534	Two-Class with Oversampling Versus One-Class Classification for Microarray Datasets. Lecture Notes in Computer Science, 2016, , 398-405.	1.3	0
535	Savitzky-golay coupled with digital bandpass filtering as a pre-processing technique in the quantitative analysis of glucose from near infrared spectra. , 2016, 2016, 6210-6213.		4
536	Unsupervised feature selection method based on sensitivity and correlation concepts for multiclass problems. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2883-2895.	1.4	2
537	Band selection from statistical wavelet models. , 2016, , .		0
538	Identification of interactions using model-based multifactor dimensionality reduction. BMC Proceedings, 2016, 10, 135-139.	1.6	3
539	3D Scene Analysis. , 2016, , 141-224.		0
540	Object-oriented fusion of RADARSAT-2 polarimetric synthetic aperture radar and HJ-1A multispectral data for land-cover classification. Journal of Applied Remote Sensing, 2016, 10, 026021.	1.3	4
541	Human Identification Based on the Palmar Surface of the Hand. , 2016, , .		0
542	A hybrid method for dimensionality reduction in microarray data based on advanced binary ant colony algorithm. , 2016, , .		6
543	An investigation of implicit features in compression-based learning for comparing webpages. Pattern Analysis and Applications, 2016, 19, 397-410.	4.6	2
544	Spatial prediction models for shallow landslide hazards: a comparative assessment of the efficacy of support vector machines, artificial neural networks, kernel logistic regression, and logistic model tree. Landslides, 2016, 13, 361-378.	5.4	865
545	Research of multi-sided multi-granular neural network ensemble optimization method. Neurocomputing, 2016, 197, 78-85.	5.9	3
546	Investigating Multi-Operator Differential Evolution for Feature Selection. Lecture Notes in Computer Science, 2016, , 273-284.	1.3	0
547	Sparse preserving feature weights learning. Neurocomputing, 2016, 185, 45-52.	5.9	0

#	ARTICLE	IF	CITATIONS
548	A Data-Driven Approach for Estimating the Power Generation of Invisible Solar Sites. IEEE Transactions on Smart Grid, 2016, 7, 2466-2476.	9.0	102
549	A hybrid feature selection approach based on improved PSO and filter approaches for image steganalysis. International Journal of Machine Learning and Cybernetics, 2016, 7, 1195-1206.	3.6	59
550	Local Feature Selection for Data Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1217-1227.	13.9	81
551	Assessing Short-Term Voltage Stability of Electric Power Systems by a Hierarchical Intelligent System. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1686-1696.	11.3	113
552	Automatic Assessment of Pathological Voice Quality Using Multidimensional Acoustic Analysis Based on the GRBAS Scale. Journal of Signal Processing Systems, 2016, 82, 241-251.	2.1	24
553	Retinal Blood Vessels Segmentation Based on Bio-Inspired Algorithm. Intelligent Systems Reference Library, 2016, , 181-215.	1.2	5
554	Adaptive moving shadow detection and removal by new semi-supervised learning technique. Multimedia Tools and Applications, 2016, 75, 10949-10977.	3.9	3
555	Empirical Studies of a Two-Stage Data Preprocessing Approach for Software Fault Prediction. IEEE Transactions on Reliability, 2016, 65, 38-53.	4.6	63
556	FD4C: Automatic Fault Diagnosis Framework for Web Applications in Cloud Computing. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 61-75.	9.3	56
557	Feature selection for fault detection systems: application to the Tennessee Eastman process. Applied Intelligence, 2016, 44, 111-122.	5.3	20
558	Improving classification of epileptic and non-epileptic EEG events by feature selection. Neurocomputing, 2016, 171, 576-585.	5.9	48
559	Determining appropriate approaches for using data in feature selection. International Journal of Machine Learning and Cybernetics, 2017, 8, 915-928.	3.6	25
560	Feature Selection Based on Structured Sparsity: A Comprehensive Study. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1490-1507.	11.3	239
561	Granger Causality Driven AHP for Feature Weighted kNN. Pattern Recognition, 2017, 66, 425-436.	8.1	30
562	Efficient fault diagnosis of ball bearing using ReliefF and Random Forest classifier. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 2969-2982.	1.6	48
563	Wind turbine prognostics and maintenance management based on a hybrid approach of neural networks and a proportional hazards model. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2017, 231, 121-129.	0.7	13
564	Testing Different Ensemble Configurations for Feature Selection. Neural Processing Letters, 2017, 46, 857-880.	3.2	47
565	A Meta-Review of Feature Selection Techniques in the Context of Microarray Data. Lecture Notes in Computer Science, 2017, , 33-49.	1.3	5

#	ARTICLE	IF	CITATIONS
566	Spam profile detection in social networks based on public features. , 2017, , .		21
567	Differential privacy-based evaporative cooling feature selection and classification with relief-F and random forests. Bioinformatics, 2017, 33, 2906-2913.	4.1	24
568	Low Dimensionality or Same Subsets as a Result of Feature Selection: An In-Depth Roadmap. Lecture Notes in Computer Science, 2017, , 531-539.	1.3	7
569	A hybrid feature selection approach based on ensemble method for high-dimensional data. , 2017, , .		18
570	Survey of performance modeling of big data applications. , 2017, , .		2
571	On the use of feature selection to improve the detection of sea oil spills in SAR images. Computers and Geosciences, 2017, 100, 166-178.	4.2	56
572	Identifying active, reactive, and inactive targets of socialbots in Twitter. , 2017, , .		9
573	Estimating Road Surface Condition Using Crowdsourcing. Communications in Computer and Information Science, 2017, , 66-81.	0.5	1
574	A Feature Selection Method Based on Feature Correlation Networks. Lecture Notes in Computer Science, 2017, , 248-261.	1.3	11
575	Speech emotion recognition using derived features from speech segment and kernel principal component analysis. , 2017, , .		1
576	Improving Classification Accuracy by Means of the Sliding Window Method in Consistency-Based Feature Selection. Lecture Notes in Computer Science, 2017, , 155-170.	1.3	0
577	Leveraging multimodal and feature selection approaches to improve sleep apnea classification performance. , 2017, , .		0
578	Objective cost-sensitive-boosting-WELM for handling multi class imbalance problem. , 2017, , .		5
579	Automatic Personality Recognition from reading text speech. , 2017, , .		8
580	Power Consumption Models for Multi-Tenant Server Infrastructures. Transactions on Architecture and Code Optimization, 2017, 14, 1-22.	2.0	5
581	Unsupervised group feature selection for media classification. International Journal of Multimedia Information Retrieval, 2017, 6, 233-249.	5.2	3
582	A hybrid fingerprint based indoor positioning with extreme learning machine. , 2017, , .		3
583	Elder Tracking and Fall Detection System Using Smart Tiles. IEEE Sensors Journal, 2017, 17, 469-479.	4.7	75

#	ARTICLE	IF	CITATIONS
584	Feature selection based on quality of information. Neurocomputing, 2017, 225, 11-22.	5.9	57
585	Feature selection methods in sentiment analysis. , 2017, , .		1
586	An Empirical Evaluation of Techniques for Feature Selection with Cost. , 2017, , .		6
587	A feature selection approach based on a similarity measure for software defect prediction. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1744-1753.	2.6	27
588	Strength pareto evolutionary algorithm based gene subset selection. , 2017, , .		7
589	N-SVDD: A sensitive message analysis model for mobile forensics. , 2017, , .		1
590	Research on EEG signal recognition based on channel selection. , 2017, , .		3
591	Investigating heterogeneous ensembles with filter feature selection for software effort estimation. , 2017, , .		24
592	Instance-based classification with Ant Colony Optimization. Intelligent Data Analysis, 2017, 21, 913-944.	0.9	10
593	Automating Characterization Deployment in Distributed Data Stream Management Systems. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2669-2681.	5.7	20
594	Ship detection using weighted SVM and M-CHI decomposition in compact polarimetric SAR imagery. , 2017, , .		6
595	PHGA: Proposed hybrid genetic algorithm for feature selection in binary classification. , 2017, , .		0
596	Identification of Plant Precursor miRNAs using Structural Robustness and Secondary Structures Features. , 2017, , .		0
597	Experimental results for artificial intelligence-based self-organized 5G networks. , 2017, , .		23
598	Determining the significance of features with the use of Sobol' method in probabilistic neural network classification tasks. , 0, , .		5
599	Study on Applicability of Curriculum Framework to Feature Selection Algorithms. , 2017, , .		0
600	The Effect of Sizes of the Feature Sets on Intrusion Detection Performances. , 2017, , .		0
601	Bayesian top scoring pairs for feature selection. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
602	A developed feature selection method for classification based on united information gain. , 2017, , .		0
603	Improve regression accuracy by using an attribute weighted KNN approach. , 2017, , .		6
604	A Hybrid Classification System for Heart Disease Diagnosis Based on the RFRS Method. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-11.	1.3	98
605	A Novel Approach Based on Relevance Learning Vector Quantization Applied to the Inference of High-Order SNPs Interactions. , 2017, , .		0
606	Dimensionality reduction approaches and evolving challenges in high dimensional data. , 2017, , .		6
607	Fangorn Forest (F2): a machine learning approach to classify genes and genera in the family Geminiviridae. BMC Bioinformatics, 2017, 18, 431.	2.6	9
608	An efficient feature selection method for network video traffic classification. , 2017, , .		7
609	Learning from semantically dependent multi-tasks. , 2017, , .		5
610	A Cosine-Similarity Mutual-Information Approach for Feature Selection on High Dimensional Datasets. Journal of Information Technology Research, 2017, 10, 15-28.	0.5	6
611	Feature selection and extraction from heterogeneous genomic characterizations. , 2017, , 45-81.		1
612	A new validity index adapted to fuzzy clustering algorithm. Multimedia Tools and Applications, 2018, 77, 11339-11361.	3.9	4
613	Attribute Selection Based on Correlation Analysis. Advances in Intelligent Systems and Computing, 2018, , 51-61.	0.6	2
615	Reliable writer identification in medieval manuscripts through page layout features: The "Avila" Bible case. Engineering Applications of Artificial Intelligence, 2018, 72, 99-110.	8.1	39
616	Emotion detection from text and speech: a survey. Social Network Analysis and Mining, 2018, 8, 1.	2.8	153
617	Gender Prediction in Author Profiling Using ReliefF Feature Selection Algorithm. Advances in Intelligent Systems and Computing, 2018, , 169-176.	0.6	10
618	Cost-Sensitive Feature Selection by Optimizing F-Measures. IEEE Transactions on Image Processing, 2018, 27, 1323-1335.	9.8	74
619	Distributed ReliefF-based feature selection in Spark. Knowledge and Information Systems, 2018, 57, 1-20.	3.2	59
620	DNA structure at the plasmid origin-of-transfer indicates its potential transfer range. Scientific Reports, 2018, 8, 1820.	3.3	17

#	ARTICLE	IF	CITATIONS
621	On the scalability of feature selection methods on high-dimensional data. Knowledge and Information Systems, 2018, 56, 395-442.	3.2	31
622	An application of machine learning to haematological diagnosis. Scientific Reports, 2018, 8, 411.	3.3	144
623	Learning Lung Nodule Malignancy Likelihood from Radiologist Annotations or Diagnosis Data. Journal of Medical and Biological Engineering, 2018, 38, 424-442.	1.8	19
624	Multilabel feature selection: A comprehensive review and guiding experiments. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2018, 8, e1240.	6.8	76
625	Recent Advances in Ensembles for Feature Selection. Intelligent Systems Reference Library, 2018, , .	1.2	13
626	Predicting pathological response to neoadjuvant chemotherapy in breast cancer patients based on imbalanced clinical data. Personal and Ubiquitous Computing, 2018, 22, 1039-1047.	2.8	8
627	Selecting Relevant Educational Attributes for Predicting Studentsâ€™ Academic Performance. Advances in Intelligent Systems and Computing, 2018, , 650-660.	0.6	8
628	A general framework for boosting feature subset selection algorithms. Information Fusion, 2018, 44, 147-175.	19.1	14
629	Supervised Feature Selection With a Stratified Feature Weighting Method. IEEE Access, 2018, 6, 15087-15098.	4.2	50
630	GSEH: A Novel Approach to Select Prostate Cancer-Associated Genes Using Gene Expression Heterogeneity. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 129-146.	3.0	4
631	A novel cluster validity index for fuzzy C-means algorithm. Soft Computing, 2018, 22, 1921-1931.	3.6	17
632	Determining significance of input neurons for probabilistic neural network by sensitivity analysis procedure. Computational Intelligence, 2018, 34, 895-916.	3.2	17
633	Cost-Sensitive Feature Selection for Class Imbalance Problem. Advances in Intelligent Systems and Computing, 2018, , 182-194.	0.6	8
634	Multiple instance learning: A survey of problem characteristics and applications. Pattern Recognition, 2018, 77, 329-353.	8.1	392
635	Preprocessing in High Dimensional Datasets. Intelligent Systems Reference Library, 2018, , 247-271.	1.2	2
636	Radiomics-Based Recognition of Metastatic and Histopathological Patterns of Lung Cancer. Lecture Notes in Computational Vision and Biomechanics, 2018, , 613-623.	0.5	0
637	MARC. ACM Transactions on Autonomous and Adaptive Systems, 2018, 12, 1-29.	0.8	5
638	Joint Haze-relevant Features Selection and Transmission Estimation via Deep Belief Network for Efficient Single Image Dehazing. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
639	TSCBAS: A Novel Correlation Based Attribute Selection Method and Application on Telecommunications Churn Analysis. , 2018, , .		2
640	Customer Loyalty in Go-Food: The Antecedent of Satisfaction. , 2018, , .		3
641	A Tissue-aware Gene Selection Approach for Analyzing Multi-tissue Gene Expression Data. , 2018, , .		0
642	Integrating Correlation-Based Feature Selection and Clustering for Improved Cardiovascular Disease Diagnosis. Complexity, 2018, 2018, 1-11.	1.6	44
643	Integrative Gene Selection on Gene Expression Data: Providing Biological Context to Traditional Approaches. Journal of Integrative Bioinformatics, 2019, 16, .	1.5	15
644	2-Dimensional Homogeneous Distributed Ensemble Feature Selection. , 2018, , .		1
645	KaraMIR: A Project for Cover Song Identification and Singing Voice Analysis Using a Karaoke Songs Dataset. International Journal of Semantic Computing, 2018, 12, 501-522.	0.5	2
646	A Nonlinear Manifold Detection based Model for Software Defect Prediction. Procedia Computer Science, 2018, 132, 581-594.	2.0	22
647	Feature Selection of Micro-array expression data (FSM) - A Review. Procedia Computer Science, 2018, 132, 1619-1625.	2.0	15
648	An Efficient Hybrid Feature Selection model for Dimensionality Reduction. Procedia Computer Science, 2018, 132, 333-341.	2.0	38
649	An Accurate Shock/No-Shock Decision Algorithm for Use During Piston-Driven Chest Compressions. , 0, , .		0
650	On The Selection of Relevant Features for Fear Emotion Detection from Speech. , 2018, , .		2
651	FeSNOC: A Novel Feature Selection Algorithm Based on Niche Overlapping Coefficient. , 2018, , .		1
652	Osteosarcoma Patients Classification Using Plain X-Rays and Metabolomic Data. , 2018, 2018, 690-693.		12
653	Scission. , 2018, , .		104
654	Feature Ranking in Predictive Models for Hospital-Acquired Acute Kidney Injury. Scientific Reports, 2018, 8, 17298.	3.3	18
655	Neuropsychological predictors of conversion from mild cognitive impairment to Alzheimer's disease: a feature selection ensemble combining stability and predictability. BMC Medical Informatics and Decision Making, 2018, 18, 137.	3.0	34
656	Mutual Information-based Feature Selection Approach to Reduce High Dimension of Big Data. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
657	Multi-view Feature Selection for Heterogeneous Face Recognition. , 2018, , .		7
658	Feature Selection in Microarray Gene Expression Data Using Fisher Discriminant Ratio. , 2018, , .		3
659	Delta radiomic features improve prediction for lung cancer incidence: A nested caseâ€“control analysis of the National Lung Screening Trial. Cancer Medicine, 2018, 7, 6340-6356.	2.8	27
660	Meeting challenges of activity recognition for ageing population in real life settings. , 2018, , .		5
661	A Synthetic Forecast Engine for Wind Power Prediction. , 2018, , .		6
662	Movement Identification in EMG Signals Using Machine Learning: A Comparative Study. Lecture Notes in Computer Science, 2018, , 368-375.	1.3	0
663	A Bayesian Network Model for Predicting Post-stroke Outcomes With Available Risk Factors. Frontiers in Neurology, 2018, 9, 699.	2.4	41
664	Research on Customer Credit Demand Forecasting Based on Big Data Analysis. , 2018, , .		0
665	Human activity learning for assistive robotics using a classifier ensemble. Soft Computing, 2018, 22, 7027-7039.	3.6	21
666	Automatic Bird Vocalization Identification Based on Fusion of Spectral Pattern and Texture Features. , 2018, , .		19
667	Exploration of Characterization and Classification Techniques for Movement Identification from EMG Signals: Preliminary Results. Communications in Computer and Information Science, 2018, , 139-149.	0.5	0
668	Early Prediction of Patient Mortality Based on Routine Laboratory Tests and Predictive Models in Critically Ill Patients. , 2018, , .		2
669	Identification of differentially expressed genes to establish new Biomarker for cancer prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 16, 1-1.	3.0	1
670	A novel gene selection method using modified MRMR and hybrid bat-inspired algorithm with \hat{t}^2 -hill climbing. Applied Intelligence, 2018, 48, 4429-4447.	5.3	62
671	An adaptive heuristic for feature selection based on complementarity. Machine Learning, 2018, 107, 2027-2071.	5.4	25
672	Big-Data Analysis, Cluster Analysis, and Machine-Learning Approaches. Advances in Experimental Medicine and Biology, 2018, 1065, 607-626.	1.6	41
673	Semi-supervised Feature Selection Based on Logistic I-RELIEF for Multi-classification. Lecture Notes in Computer Science, 2018, , 719-731.	1.3	3
674	Increasing accuracy of automated essay grading by grouping similar graders. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
675	Identifying presence of correlated errors using machine learning algorithms for the selective de-correlation of GRACE harmonic coefficients. <i>Geophysical Journal International</i> , 2018, 215, 375-388.	2.4	10
676	Parallel data reduction method for complex technical objects and processes. , 2018, , .		7
677	A Novel Genetic Algorithm for Feature Selection in Hierarchical Feature Spaces. , 2018, , 738-746.		11
678	Improved Random Forest (RF) Classifier for Imbalanced Classification of Lung Nodules. , 2018, , .		10
679	Haralick feature selection for material rigidity recognition using ultrasound echo. , 2018, , .		3
680	Layout measures for writer identification in mediaeval documents. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 127, 443-452.	5.0	11
681	Genetic algorithm based cancerous gene identification from microarray data using ensemble of filter methods. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 159-176.	2.8	97
682	A Framework for the Automatic Combination and Evaluation of Gene Selection Methods. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 166-174.	0.6	3
683	Performance Evaluation and Analysis of Feature Selection Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 47-60.	0.6	1
684	Cascaded Wx: A Novel Prognosis-Related Feature Selection Framework in Human Lung Adenocarcinoma Transcriptomes. <i>Frontiers in Genetics</i> , 2019, 10, 662.	2.3	9
685	Data-Driven Dynamic Security Assessment and Control of Power Systems: An Online Sequential Learning Method. <i>Journal of Energy Engineering - ASCE</i> , 2019, 145, .	1.9	9
686	A Particle Swarm Optimization with Filter-based Population Initialization for Feature Selection. , 2019, , .		6
687	Identifying and Benchmarking Key Features for Cyber Intrusion Detection: An Ensemble Approach. <i>IEEE Access</i> , 2019, 7, 106495-106513.	4.2	63
688	Machine Learning Based Analysis of Structural MRI for Epilepsy Diagnosis. , 2019, , .		3
689	Channel Selection Improves MEG-based Brain-Computer Interface. , 2019, , .		12
690	Feature Selection for Improved Classification of Protein Structures. , 2019, , .		0
692	Micro-expression recognition using optical flow and local binary patterns on three orthogonal planes. , 2019, , .		2
694	Attribute selection in seismic facies classification: Application to a Gulf of Mexico 3D seismic survey and the Barnett Shale. <i>Interpretation</i> , 2019, 7, SE281-SE297.	1.1	14

#	ARTICLE	IF	CITATIONS
695	Antimicrobial Resistance Prediction for Gram-Negative Bacteria via Game Theory-Based Feature Evaluation. Scientific Reports, 2019, 9, 14487.	3.3	26
696	Feature selection for cross-scene hyperspectral image classification using cross-domain ReliefF. International Journal of Wavelets, Multiresolution and Information Processing, 2019, 17, 1950039.	1.3	7
697	Improve Reputation Evaluation of Crowdsourcing Participants Using Multidimensional Index and Machine Learning Techniques. IEEE Access, 2019, 7, 118055-118067.	4.2	19
698	A Quantum Feature Selection Algorithm for Multi-Classification Problem. , 2019, , .		1
699	A Novel Decentralized Weighted ReliefF-PCA Method for Fault Detection. IEEE Access, 2019, 7, 140478-140487.	4.2	5
700	Combining Multiple Feature-Ranking Techniques and Clustering of Variables for Feature Selection. IEEE Access, 2019, 7, 151482-151492.	4.2	51
701	An Efficient Stacking Model of Multi-Label Classification Based on Pareto Optimum. IEEE Access, 2019, 7, 127427-127437.	4.2	14
702	Prospect of Using Artificial Intelligence for Microwave Nondestructive Testing Technique: A Review. IEEE Access, 2019, 7, 110628-110650.	4.2	22
703	Vehicle Classification Based on Feature Selection With Anisotropic Magnetoresistive Sensor. IEEE Sensors Journal, 2019, 19, 9976-9982.	4.7	15
704	Research on Diagnosis Characteristics of Wheat Powdery Mildew Under Different Severity Grading Standards. , 2019, , .		2
705	A Hybrid Cancer Classification Model Based Recursive Binary Gravitational Search Algorithm in Microarray Data. Procedia Computer Science, 2019, 154, 274-282.	2.0	7
706	Investigation of the diagnostic properties of sensors and features in a multiphase flow facility case study. IFAC-PapersOnLine, 2019, 52, 772-777.	0.9	2
707	Cascaded LSTM recurrent neural network for automated sleep stage classification using single-channel EEG signals. Computers in Biology and Medicine, 2019, 106, 71-81.	7.0	267
708	Feature selection based on community detection in feature correlation networks. Computing (Vienna/New York), 2019, 101, 1513-1538.	4.8	6
709	A distributed feature selection scheme with partial information sharing. Machine Learning, 2019, 108, 2009-2034.	5.4	4
710	Filter feature selectors in the development of binary QSAR models. SAR and QSAR in Environmental Research, 2019, 30, 313-345.	2.2	13
711	A Hybrid Gene Selection Method Based on ReliefF and Ant Colony Optimization Algorithm for Tumor Classification. Scientific Reports, 2019, 9, 8978.	3.3	39
712	Adopting machine learning to automatically identify candidate patients for corneal refractive surgery. Npj Digital Medicine, 2019, 2, 59.	10.9	42

#	ARTICLE	IF	CITATIONS
713	Integration of LiDAR and multispectral images for rapid exposure and earthquake vulnerability estimation. Application in Lorca, Spain. International Journal of Applied Earth Observation and Geoinformation, 2019, 81, 161-175.	2.8	22
714	Feature selection for facial emotion recognition using late hill-climbing based memetic algorithm. Multimedia Tools and Applications, 2019, 78, 25753-25779.	3.9	34
715	Computer-Aided Diagnosis of Lung Cancer in Magnetic Resonance Imaging Exams. IFMBE Proceedings, 2019, , 121-127.	0.3	2
716	A multivoxel pattern analysis framework with mutual connectivity analysis investigating changes in resting state connectivity in patients with HIV associated neurocognitive disorder. Magnetic Resonance Imaging, 2019, 62, 121-128.	1.8	4
717	Evolutionary feature subsets selection based on interaction information for high dimensional imbalanced data classification. Applied Soft Computing Journal, 2019, 82, 105581.	7.2	36
718	Pol-SAR Based Oil Spillage Classification With Various Scenarios of Prior Knowledge. IEEE Access, 2019, 7, 66895-66909.	4.2	9
719	Feature Selection Applied to Microarray Data. Methods in Molecular Biology, 2019, 1986, 123-152.	0.9	1
720	Travel mode choice: a data fusion model using machine learning methods and evidence from travel diary survey data. Transportmetrica A: Transport Science, 2019, 15, 1587-1612.	2.0	23
721	Introducing Fluctuation into Increasing Order of Symmetric Uncertainty for Consistency-Based Feature Selection. Lecture Notes in Computer Science, 2019, , 550-565.	1.3	2
722	Automatic Detection of Mind Wandering from Video in the Lab and in the Classroom. IEEE Transactions on Affective Computing, 2021, 12, 974-988.	8.3	39
723	Using Feature Selection to Improve Performance of Three-Tier Intrusion Detection System. Advances in Intelligent Systems and Computing, 2019, , 776-785.	0.6	1
724	Adherence monitoring of rehabilitation exercise with inertial sensors: A clinical validation study. Gait and Posture, 2019, 70, 211-217.	1.4	30
725	Automated language-independent authorship verification (for Indo-European languages). Journal of the Association for Information Science and Technology, 2019, 70, 858-871.	2.9	20
726	Revealing Tumor Habitats from Texture Heterogeneity Analysis for Classification of Lung Cancer Malignancy and Aggressiveness. Scientific Reports, 2019, 9, 4500.	3.3	31
727	Classification of high dimensional biomedical data based on feature selection using redundant removal. PLoS ONE, 2019, 14, e0214406.	2.5	21
728	Multi-class Semi-supervised Logistic I-RELIEF Feature Selection Based on Nearest Neighbor. Lecture Notes in Computer Science, 2019, , 281-292.	1.3	3
729	Improving Handwritten Character Recognition by Using a Ranking-Based Feature Selection Approach. Lecture Notes in Computer Science, 2019, , 902-910.	1.3	0
730	Which can better predict the future success of articles? Bibliometric indices or alternative metrics. Scientometrics, 2019, 119, 1575-1595.	3.0	33

#	ARTICLE	IF	CITATIONS
731	Dynamic Advisor-Based Ensemble (dynABE): Case study in stock trend prediction of critical metal companies. PLoS ONE, 2019, 14, e0212487.	2.5	3
732	Clinical and paraclinical factors selection for multiple myeloma diagnosis. , 2019, , .		2
733	An Ensemble Feature Selection Framework Integrating Stability. , 2019, , .		5
735	Household Appliance Identification Based on a Novel Load Signature Processing Framework. , 2019, , .		0
736	Multi-Channel Physiological Signal Emotion Recognition Based on ReliefF Feature Selection. , 2019, , .		7
737	Optimal Feature Subset Determination for High-Dimensional Datasets in Manufacturing Processes. , 2019, , .		0
738	Diabetes Diagnosis and Treatment Research Based on Machine Learning. , 2019, , .		4
739	Feature Clustering Towards Gene Selection. , 2019, , .		0
740	A Gas Analysis Model with Uninformative Variable Elimination Using Nonlinearity Compensation by RBFNN. , 2019, , .		0
741	Informative Feature Clustering and Selection for Gene Expression Data. IEEE Access, 2019, 7, 169174-169184.	4.2	8
742	MType: A Magnetic Field-based Typing System on the Hand for Around-Device Interaction. , 2019, , .		0
743	Clinical profile prediction by multiple instance learning from multi-sensorial data. , 2019, , .		1
744	Feature selection based on feature curve of subclass problem. , 2019, , .		2
746	Mapping Groundwater Potential Using a Novel Hybrid Intelligence Approach. Water Resources Management, 2019, 33, 281-302.	3.9	145
747	An adaptive memetic algorithm for feature selection using proximity graphs. Computational Intelligence, 2019, 35, 156-183.	3.2	7
748	A new weighted naive Bayes method based on information diffusion for software defect prediction. Software Quality Journal, 2019, 27, 923-968.	2.2	21
749	Hybridization of feature selection and feature weighting for high dimensional data. Applied Intelligence, 2019, 49, 1580-1596.	5.3	31
750	Knowledge acquisition and decision making based on Bayes risk minimization method. Applied Intelligence, 2019, 49, 804-818.	5.3	2

#	ARTICLE	IF	CITATIONS
751	Trace Ratio Criterion Based Large Margin Subspace Learning for Feature Selection. IEEE Access, 2019, 7, 6461-6472.	4.2	2
752	Analysis of Electroencephalogram for the Recognition of Epileptogenic Area Using Ensemble Empirical Mode Decomposition. Lecture Notes in Electrical Engineering, 2019, , 481-489.	0.4	0
753	Transforming big data into smart data: An insight on the use of the k-nearest neighbors algorithm to obtain quality data. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1289.	6.8	88
754	Classifying Adaptive Sustainable Flood Retention Basins. , 2019, , 279-299.		0
755	RTCRelief-F: an effective clustering and ordering-based ensemble pruning algorithm for facial expression recognition. Knowledge and Information Systems, 2019, 59, 219-250.	3.2	19
756	Computational diagnosis of skin lesions from dermoscopic images using combined features. Neural Computing and Applications, 2019, 31, 6091-6111.	5.6	41
757	Improving medical diagnosis performance using hybrid feature selection via relieff and entropy based genetic search (RF-EGA) approach: application to breast cancer prediction. Cluster Computing, 2019, 22, 6899-6906.	5.0	26
758	Feature selection based on correlation deflation. Neural Computing and Applications, 2019, 31, 6383-6392.	5.6	5
759	Analyzing electrocardiogram signals obtained from a nymi band to detect atrial fibrillation. Multimedia Tools and Applications, 2020, 79, 15985-15999.	3.9	4
760	Fuzzy Knowledge-Based Prediction Through Weighted Rule Interpolation. IEEE Transactions on Cybernetics, 2020, 50, 4508-4517.	9.5	20
761	Stacking model of multi-label classification based on pruning strategies. Neural Computing and Applications, 2020, 32, 16763-16774.	5.6	6
762	Prediction of stock movement using phase space reconstruction and extreme learning machines. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 59-79.	2.8	16
763	Filtering techniques for channel selection in motor imagery EEG applications: a survey. Artificial Intelligence Review, 2020, 53, 1207-1232.	15.7	98
764	Analyzing cognitive processes from complex neuro-physiologically based data: some lessons. Annals of Mathematics and Artificial Intelligence, 2020, 88, 1125-1153.	1.3	3
765	Improving financial bankruptcy prediction in a highly imbalanced class distribution using oversampling and ensemble learning: a case from the Spanish market. Progress in Artificial Intelligence, 2020, 9, 31-53.	2.4	54
766	Feature selection with Symmetrical Complementary Coefficient for quantifying feature interactions. Applied Intelligence, 2020, 50, 101-118.	5.3	5
767	Feature selection by recursive binary gravitational search algorithm optimization for cancer classification. Soft Computing, 2020, 24, 4407-4425.	3.6	15
768	A Novel Hybrid Approach for Chronic Disease Classification. International Journal of Healthcare Information Systems and Informatics, 2020, 15, 1-19.	0.9	10

#	ARTICLE	IF	CITATIONS
769	A Feature Selection Algorithm Based on Equal Interval Division and Minimal-Redundancyâ€“Maximal-Relevance. Neural Processing Letters, 2020, 51, 1237-1263.	3.2	16
770	Automated Parkinsonâ€™s disease recognition based on statistical pooling method using acoustic features. Medical Hypotheses, 2020, 135, 109483.	1.5	52
771	Influence of feature rankers in the construction of molecular activity prediction models. Journal of Computer-Aided Molecular Design, 2020, 34, 305-325.	2.9	1
772	Supervised feature selection by constituting a basis for the original space of features and matrix factorization. International Journal of Machine Learning and Cybernetics, 2020, 11, 1405-1421.	3.6	21
773	BTMonitor. Transactions on Embedded Computing Systems, 2019, 18, 1-23.	2.9	35
774	Sport analytics for cricket game results using machine learning: An experimental study. Applied Computing and Informatics, 2022, 18, 256-266.	5.9	32
775	Efficient deep feature selection for remote sensing image recognition with fused deep learning architectures. Journal of Supercomputing, 2020, 76, 8413-8431.	3.6	49
776	The Construction of a Majority-Voting Ensemble Based on the Interrelation and Amount of Information of Features. Computer Journal, 2020, 63, 1756-1774.	2.4	10
777	Fusion of Feature Selection Methods for Improving Model Accuracy in the Milling Process Data Classification Problem. , 2020, , .		2
778	Feature Selection Method for Non-intrusive Load Monitoring with Balanced Redundancy and Relevancy. , 2020, , .		2
779	Method of Extracting Characteristic Parameters of Medium-speed Maglev Train Levitation Controller based on Relief Algorithm. , 2020, , .		1
780	Failure Prediction of Aircraft Equipment Using Machine Learning with a Hybrid Data Preparation Method. Scientific Programming, 2020, 2020, 1-10.	0.7	10
781	A strong intuitionistic fuzzy feature association map-based feature selection technique for high-dimensional data. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	1
782	Analysis of Features for Breast Cancer Recognition in Different Magnifications of Histopathological Images. , 2020, , .		6
783	Transfer Learning for EEG-Based Brainâ€“Computer Interfaces: A Review of Progress Made Since 2016. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 4-19.	3.8	133
784	Prioritizing positive feature values: a new hierarchical feature selection method. Applied Intelligence, 2020, 50, 4412-4433.	5.3	4
785	A Review of Android Malware Detection Approaches Based on Machine Learning. IEEE Access, 2020, 8, 124579-124607.	4.2	169
786	A Supervised Filter Feature Selection method for mixed data based on Spectral Feature Selection and Information-theory redundancy analysis. Pattern Recognition Letters, 2020, 138, 321-328.	4.2	25

#	ARTICLE	IF	CITATIONS
787	Multilabel Feature Selection Using Mutual Information and ML-ReliefF for Multilabel Classification. IEEE Access, 2020, 8, 145381-145400.	4.2	4
788	Semi-Supervised Self-Training Feature Weighted Clustering Decision Tree and Random Forest. IEEE Access, 2020, 8, 128337-128348.	4.2	7
789	Glaucoma Detection Using Image Channels and Discrete Wavelet Transform. IETE Journal of Research, 2022, 68, 4421-4428.	2.6	17
790	Stress levels estimation from facial video based on non-contact measurement of pulse wave. Artificial Life and Robotics, 2020, 25, 335-342.	1.2	4
791	A new pyramidal concatenated CNN approach for environmental sound classification. Applied Acoustics, 2020, 170, 107520.	3.3	75
792	ROC with Cost Pareto Frontier Feature Selection Using Search Methods. Data-Enabled Discovery and Applications, 2020, 4, 1.	1.2	3
793	Automatic Diagnosis of Cerebral Palsy Gait Using Computational Intelligence Techniques: A Low-Cost Multi-Sensor Approach. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2488-2496.	4.9	6
794	Under-Sampling and Feature Selection Algorithms for S2SMLP. IEEE Access, 2020, 8, 191803-191814.	4.2	10
795	Multifamily Classification of Android Malware With a Fuzzy Strategy to Resist Polymorphic Familial Variants. IEEE Access, 2020, 8, 156900-156914.	4.2	7
796	Post-fall Detection Using ANN Based on Ranking Algorithms. International Journal of Precision Engineering and Manufacturing, 2020, 21, 1985-1995.	2.2	3
797	Classifying the valence of autobiographical memories from fMRI data. Annals of Mathematics and Artificial Intelligence, 2020, 88, 1261-1274.	1.3	3
798	EEG Data Classification for Mental State Analysis Using Wavelet Packet Transform and Gaussian Process Classifier. Wireless Personal Communications, 2020, 115, 2149-2169.	2.7	23
799	A group evaluation based binary PSO algorithm for feature selection in high dimensional data. Evolutionary Intelligence, 2021, 14, 1949-1963.	3.6	5
800	Managing uncertainty during CBR systems vocabulary maintenance using Relational Evidential C-Means. , 2020, , .		0
801	Blockchain Modeling for Traceability Information System in Supply Chain of Coffee Agroindustry. , 2020, , .		7
802	A Novel Multiway Splits Decision Tree for Multiple Types of Data. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	1
803	Feature Selection Under Orthogonal Regression with Redundancy Minimizing. , 2020, , .		5
804	Detection of Depression and Scaling of Severity Using Six Channel EEG Data. Journal of Medical Systems, 2020, 44, 118.	3.6	44

#	ARTICLE	IF	CITATIONS
805	Bus Travel Time Prediction Based on Ensemble Learning Methods. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 174-189.	3.8	9
806	A New Framework Combining Local-Region Division and Feature Selection for Micro-Expressions Recognition. IEEE Access, 2020, 8, 94499-94509.	4.2	5
807	A Preliminary Performance Comparison of Machine Learning Algorithms for Web Author Identification of Vietnamese Online Messages. , 2020, , .		0
808	A new ensemble feature selection approach based on genetic algorithm. Soft Computing, 2020, 24, 15811-15820.	3.6	12
809	Mutually Informed Correlation Coefficient (MICC) - a New Filter Based Feature Selection Method. , 2020, , .		16
810	Multilabel feature selection using ML-ReliefF and neighborhood mutual information for multilabel neighborhood decision systems. Information Sciences, 2020, 537, 401-424.	6.9	77
811	Support Vector Machine Classification Algorithm Based on Relief-F Feature Weighting. , 2020, , .		4
812	Imbalanced Classification Based on Over-sampling and Feature Selection. , 2020, , .		3
813	Identification High Influential Articles by Considering the Topic Characteristics of Articles. IEEE Access, 2020, 8, 107887-107899.	4.2	6
814	Ensemble empirical mode decomposition-entropy and feature selection for pantograph fault diagnosis. JVC/Journal of Vibration and Control, 2020, 26, 2230-2242.	2.6	11
815	Tri-Structured-Sparsity Induced Joint Feature Selection and Classification for Hybrid Noise Resilient Multilabel Learning. IEEE Access, 2020, 8, 108270-108280.	4.2	1
816	Training error and sensitivity-based ensemble feature selection. International Journal of Machine Learning and Cybernetics, 2020, 11, 2313-2326.	3.6	7
817	Research on RF Fingerprint Feature Selection Method. , 2020, , .		1
818	Ensemble 1-D CNN diagnosis model for VRF system refrigerant charge faults under heating condition. Energy and Buildings, 2020, 224, 110256.	6.7	44
819	Robust human activity recognition using single accelerometer via wavelet energy spectrum features and ensemble feature selection. Systems Science and Control Engineering, 2020, 8, 83-96.	3.1	26
820	Classifiers fusion for improved vessel recognition with application in quantification of generalized arteriolar narrowing. Journal of Innovative Optical Health Sciences, 2020, 13, .	1.0	6
821	Identification of faulted line section in microgrids using data mining method based on feature discretisation. International Transactions on Electrical Energy Systems, 2020, 30, e12353.	1.9	13
822	SMACC: A System for Microplastics Automatic Counting and Classification. IEEE Access, 2020, 8, 25249-25261.	4.2	29

#	ARTICLE	IF	CITATIONS
823	New filter approaches for feature selection using differential evolution and fuzzy rough set theory. Neural Computing and Applications, 2020, 32, 2929-2944.	5.6	16
824	Diagnosis and classification of cancer using hybrid model based on ReliefF and convolutional neural network. Medical Hypotheses, 2020, 137, 109577.	1.5	63
825	Label Specific Features-Based Classifier Chains for Multi-Label Classification. IEEE Access, 2020, 8, 51265-51275.	4.2	9
826	An Approach to Supervised Learning: Dynamic Multi-Hyperplane Partitioning. IEEE Access, 2020, 8, 22048-22071.	4.2	1
827	A Robust Step Detection and Stride Length Estimation for Pedestrian Dead Reckoning Using a Smartphone. IEEE Sensors Journal, 2020, 20, 9685-9697.	4.7	55
828	Recent advances in image processing techniques for automated leaf pest and disease recognition – A review. Information Processing in Agriculture, 2021, 8, 27-51.	4.1	165
829	Acoustic Seabed Classification Based on Multibeam Echosounder Backscatter Data Using the PSO-BP-AdaBoost Algorithm: A Case Study From Jiaozhou Bay, China. IEEE Journal of Oceanic Engineering, 2021, 46, 509-519.	3.8	25
830	CCFS: A Confidence-Based Cost-Effective Feature Selection Scheme for Healthcare Data Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 902-911.	3.0	10
831	Windows Malware Detector Using Convolutional Neural Network Based on Visualization Images. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1057-1069.	4.6	20
832	Predicting breast cancer survivability based on machine learning and features selection algorithms: a comparative study. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8585-8623.	4.9	18
833	Active learning of constraints for weighted feature selection. Advances in Data Analysis and Classification, 2021, 15, 337-377.	1.4	5
834	A feature selection algorithm of decision tree based on feature weight. Expert Systems With Applications, 2021, 164, 113842.	7.6	109
835	Integration of artificial intelligence with meta classifiers for the gully erosion susceptibility assessment in Hinglo river basin, Eastern India. Advances in Space Research, 2021, 67, 316-333.	2.6	35
836	Multistep short-term wind speed prediction using nonlinear auto-regressive neural network with exogenous variable selection. AEJ - Alexandria Engineering Journal, 2021, 60, 1221-1229.	6.4	29
837	A novel hybrid approach based on relief algorithm and fuzzy reinforcement learning approach for predicting wind speed. Sustainable Energy Technologies and Assessments, 2021, 43, 100920.	2.7	29
838	Feature selection with multi-objective genetic algorithm based on a hybrid filter and the symmetrical complementary coefficient. Applied Intelligence, 2021, 51, 3899-3916.	5.3	3
839	Feature Extraction, Selection, and K-Nearest Neighbors Algorithm for Shark Behavior Classification Based on Imbalanced Dataset. IEEE Sensors Journal, 2021, 21, 6429-6439.	4.7	11
840	Exploiting the potentialities of features for speech emotion recognition. Information Sciences, 2021, 548, 328-343.	6.9	29

#	ARTICLE	IF	CITATIONS
841	An efficient stacking model with label selection for multi-label classification. Applied Intelligence, 2021, 51, 308-325.	5.3	11
842	Detection of Epileptic Seizure EEG Signal Using Multiscale Entropies and Complete Ensemble Empirical Mode Decomposition. Wireless Personal Communications, 2021, 116, 845-864.	2.7	19
843	Result Prediction Using Data Mining. Lecture Notes in Networks and Systems, 2021, , 295-307.	0.7	0
844	Dimensionality Reduction: Is Feature Selection More Effective Than Random Selection?. Lecture Notes in Computer Science, 2021, , 113-125.	1.3	1
846	Recognition of Studentsâ€™ Mental States in Discussion Based on Multimodal Data and its Application to Educational Support. IEEE Access, 2021, 9, 18235-18250.	4.2	8
847	An efficient feature subset selection approach for machine learning. Multimedia Tools and Applications, 2021, 80, 12737-12830.	3.9	9
848	Integration strategies of multi-omics data for machine learning analysis. Computational and Structural Biotechnology Journal, 2021, 19, 3735-3746.	4.1	197
849	mRelief: A Reward Penalty Based Feature Subset Selection Considering Data Overlapping Problem. Lecture Notes in Computer Science, 2021, , 278-292.	1.3	3
850	Crop prediction based on soil and environmental characteristics using feature selection techniques. Mathematical and Computer Modelling of Dynamical Systems, 2021, 27, 117-140.	2.2	62
851	Relative Fuzzy Rough Approximations for Feature Selection and Classification. IEEE Transactions on Cybernetics, 2023, 53, 2200-2210.	9.5	12
852	A Hybrid Feature Selection Method RFSTL for Manufacturing Quality Prediction Based on a High Dimensional Imbalanced Dataset. IEEE Access, 2021, 9, 29719-29735.	4.2	16
853	Robust Recovery of Jointly-Sparse Signals Using Minimax Concave Loss Function. IEEE Transactions on Signal Processing, 2021, 69, 669-681.	5.3	14
854	Metric and Accuracy Ranked Feature Inclusion: Hybrids of Filter and Wrapper Feature Selection Approaches. IEEE Access, 2021, 9, 128687-128701.	4.2	12
855	Unsupervised Feature Selection Using an Integrated Strategy of Hierarchical Clustering with Singular Value Decomposition: An Integrative Biomarker Discovery Method with Application to Acute Myeloid Leukemia. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1.	3.0	1
856	A Machine Learning-Aided Framework to Predict Outcomes of Anti-PD-1 Therapy for Patients With Gynecological Cancer on Incomplete Post-Marketing Surveillance Dataset. IEEE Access, 2021, 9, 120464-120480.	4.2	4
857	A General Framework for Feature Selection Under Orthogonal Regression With Global Redundancy Minimization. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5056-5069.	5.7	13
858	Effective Cancer Subtype and Stage Prediction via Dropfeature-DNNs. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 107-120.	3.0	1
859	Graph Spectral Feature Learning for Mixed Data of Categorical and Numerical Type. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
860	Automatic Engagement Recognition for Distance Learning Systems: A Literature Study of Engagement Datasets and Methods. Lecture Notes in Computer Science, 2021, , 264-276.	1.3	9
861	Source Identification from In-Vehicle CAN-FD Signaling: What Can We Expect?. Lecture Notes in Computer Science, 2021, , 204-223.	1.3	1
862	Feature Selection and Sparse Learning. , 2021, , 265-285.		0
863	Disease-Relevant Gene Selection Using Mean Shift Clustering. Lecture Notes in Networks and Systems, 2021, , 151-163.	0.7	0
864	Semisupervised Feature Selection With Sparse Discriminative Least Squares Regression. IEEE Transactions on Cybernetics, 2022, 52, 8413-8424.	9.5	11
865	Investigation on the Temperature Distribution of Asphalt Overlay on the Existing Cement Concrete Pavement in Hot-Humid Climate in Southern China. Advances in Civil Engineering, 2021, 2021, 1-12.	0.7	1
866	CIMMEP: constrained integrated method for CBR maintenance based on evidential policies. Applied Intelligence, 0, , 1.	5.3	0
867	Dimensionality reduction using singular vectors. Scientific Reports, 2021, 11, 3832.	3.3	7
868	Insight into an unsupervised two-step sparse transfer learning algorithm for speech diagnosis of Parkinson's disease. Neural Computing and Applications, 2021, 33, 9733-9750.	5.6	3
869	Recognizing Parkinson's disease gait patterns by vibes algorithm and Hilbert-Huang transform. Engineering Science and Technology, an International Journal, 2021, 24, 112-125.	3.2	9
870	A comparison of ranking filter methods applied to the estimation of NO2 concentrations in the Bay of Algeiras (Spain). Stochastic Environmental Research and Risk Assessment, 2021, 35, 1999-2019.	4.0	13
871	PRZEGLĄD METOD SELEKCJI CECH UĄYWANYCH W DIAGNOSTYCE CZERNIAKA. Informatyka Automatyka Pomiarów W Gospodarce I Ochronie Środowiska, 2021, 11, 32-35.	0.4	0
872	Local-based mapping of carbon footprint variation in Turkey using artificial neural networks. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	5
873	Band selection algorithms for foliar trait retrieval using AVIRIS-NG: a comparison of feature based attribute evaluators. Geocarto International, 2022, 37, 4071-4087.	3.5	5
874	A Novel Feature Selection Method on Mutual Information and Improved Gravitational Search Algorithm for High Dimensional Biomedical Data. , 2021, , .		1
875	Using Sampling Techniques and Machine Learning Algorithms to Improve Big Five Personality Traits Recognition from Non-verbal Cues. , 2021, , .		2
876	A Study of Human Sleep Stage Classification Based on Dual Channels of EEG Signal Using Machine Learning Techniques. SN Computer Science, 2021, 2, 1.	3.6	8
877	Extreme learning machine " radial basis function (ELM-RBF) networks for diagnosing faults in a steam turbine. Journal of Industrial and Production Engineering, 2022, 39, 572-580.	3.1	18

#	ARTICLE	IF	CITATIONS
878	Ordinal classification of the affectation level of 3D-images in Parkinson diseases. Scientific Reports, 2021, 11, 7067.	3.3	8
879	Explainable Predictions of Industrial Emissions. , 2021, , .		0
880	Determination of Effective Signal Processing Stages for Brain Computer Interface on BCI Competition IV Data Set 2b: A Review Study. IETE Journal of Research, 2023, 69, 3144-3155.	2.6	11
881	Separation of clods and stones from harvested potatoes using laser backscattering imaging technique. Journal of Food Measurement and Characterization, 2021, 15, 3262-3273.	3.2	0
882	A Novel Hybrid Filter/Wrapper Feature Selection Approach Based on Improved Fruit Fly Optimization Algorithm and Chi-square Test for High Dimensional Microarray Data. Current Bioinformatics, 2021, 16, 63-79.	1.5	4
883	Accelerating ReliefF using information granulation. International Journal of Machine Learning and Cybernetics, 2022, 13, 29-38.	3.6	4
884	Performance analysis of machine learning algorithms on automated sleep staging feature sets. CAAI Transactions on Intelligence Technology, 2021, 6, 155-174.	8.1	25
885	Predicting the lifetime of pull requests in openâ€source projects. Journal of Software: Evolution and Process, 2021, 33, e2337.	1.6	2
886	A Preferred Music Recommendation Method for Tinnitus Personalized Treatment Based on Signal Processing and Random Forest. , 2021, , .		2
887	Fast Gaussian kernel support vector machine recursive feature elimination algorithm. Applied Intelligence, 2021, 51, 9001-9014.	5.3	7
888	Machine Learning Frameworks. , 2021, , 173-219.		0
890	Supervised Feature Selection With Orthogonal Regression and Feature Weighting. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1831-1838.	11.3	48
891	Soft computing for anomaly detection and prediction to mitigate IoT-based real-time abuse. Personal and Ubiquitous Computing, 2024, 28, 123-133.	2.8	7
892	Efficient selection of time domain features for leakage detection in pipes carrying liquid commodities. , 2021, , .		3
893	Predicting antifreeze proteins with weighted generalized dipeptide composition and multi-regression feature selection ensemble. BMC Bioinformatics, 2021, 22, 340.	2.6	4
894	A fault diagnosis method for an electro-hydraulic directional valve based on intrinsic mode functions and weighted densely connected convolutional networks. Measurement Science and Technology, 2021, 32, 084015.	2.6	7
895	Computer-aided diagnosis of sleep apnea using gene expression. Health and Technology, 2021, 11, 941-952.	3.6	0
896	Radio Identity Verification-Based IoT Security Using RF-DNA Fingerprints and SVM. IEEE Internet of Things Journal, 2021, 8, 8356-8371.	8.7	41

#	ARTICLE	IF	CITATIONS
897	Use of Machine Learning and Deep Learning to Predict the Outcomes of Major League Baseball Matches. Applied Sciences (Switzerland), 2021, 11, 4499.	2.5	15
898	CoMB-Deep: Composite Deep Learning-Based Pipeline for Classifying Childhood Medulloblastoma and Its Classes. Frontiers in Neuroinformatics, 2021, 15, 663592.	2.5	30
899	Combining electroencephalography with plethysmography for classification of deviant sexual preferences.., 2021, , .		0
900	Feature Fusion Combined With Raman Spectroscopy for Early Diagnosis of Cervical Cancer. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	4
901	Naive bayes-correlation based feature weighting technique for sports match result prediction. Evolutionary Intelligence, 2022, 15, 2171-2186.	3.6	5
902	An extended scaling for the ignition threshold through statistical modeling. Physics of Plasmas, 2021, 28, .	1.9	2
903	A Novel Feature Selection Method Based on MRMR and Enhanced Flower Pollination Algorithm for High Dimensional Biomedical Data. Current Bioinformatics, 2022, 17, 133-149.	1.5	6
904	Scalable feature selection using ReliefF aided by locality-sensitive hashing. International Journal of Intelligent Systems, 2021, 36, 6161-6179.	5.7	11
905	Multi-label feature selection with local discriminant model and label correlations. Neurocomputing, 2021, 442, 98-115.	5.9	21
906	A Hybrid Feature Selection Algorithm Based on a Discrete Artificial Bee Colony for Parkinson's Diagnosis. ACM Transactions on Internet Technology, 2021, 21, 1-22.	4.4	16
907	A NEW FEATURE SELECTION METHOD AND COMPARISON OF CLASSIFICATION PERFORMANCES OF FEATURE SELECTION METHODS. Nicel Bilimler Dergisi, 2021, 3, 72-90.	0.5	1
908	A Constrained Feature Selection Approach Based on Feature Clustering and Hypothesis Margin Maximization. Computational Intelligence and Neuroscience, 2021, 2021, 1-18.	1.7	3
909	A Multiattention-Based Supervised Feature Selection Method for Multivariate Time Series. Computational Intelligence and Neuroscience, 2021, 2021, 1-10.	1.7	0
910	Predicting HIV drug resistance using weighted machine learning method at target protein sequence-level. Molecular Diversity, 2021, 25, 1541-1551.	3.9	7
911	Hybrid Artificial Intelligence HFS-RF-PSO Model for Construction Labor Productivity Prediction and Optimization. Algorithms, 2021, 14, 214.	2.1	7
912	Features Selection for Supervised Learning Using Centrality Measures. Revista GEINTEC, 2021, 11, 2976-2997.	0.2	0
913	Survival prognostic factors in patients with acute myeloid leukemia using machine learning techniques. PLoS ONE, 2021, 16, e0254976.	2.5	15
914	White blood cell type identification using multi-layer convolutional features with an extreme-learning machine. Biomedical Signal Processing and Control, 2021, 69, 102932.	5.7	25

#	ARTICLE	IF	CITATIONS
915	High Wind Speed Inversion Model of CYGNSS Sea Surface Data Based on Machine Learning. Remote Sensing, 2021, 13, 3324.	4.0	10
916	Improved Hybrid Feature Selection Framework. IEICE Transactions on Information and Systems, 2021, E104.D, 1266-1273.	0.7	0
917	Cost-Sensitive Classification for Evolving Data Streams with Concept Drift and Class Imbalance. Computational Intelligence and Neuroscience, 2021, 2021, 1-9.	1.7	8
918	Modern Machine Learning Methods for Telemetry-Based Spacecraft Health Monitoring. Automation and Remote Control, 2021, 82, 1293-1320.	0.8	2
919	Towards Interpretable Deep Learning: A Feature Selection Framework for Prognostics and Health Management Using Deep Neural Networks. Sensors, 2021, 21, 5888.	3.8	21
920	Case Studies to Demonstrate Real-World Applications in Ophthalmic Image Analysis. Intelligent Systems Reference Library, 2022, , 83-125.	1.2	0
921	A survey on feature selection methods for mixed data. Artificial Intelligence Review, 2022, 55, 2821-2846.	15.7	26
922	Assessing and Predicting Mobility Improvement of Integrating Bike-Sharing into Multimodal Public Transport Systems. Transportation Research Record, 2021, 2675, 204-213.	1.9	5
923	A financial statement fraud model based on synthesized attribute selection and a dataset with missing values and imbalanced classes. Applied Soft Computing Journal, 2021, 108, 107487.	7.2	19
924	Comparison of machine-learning models for predicting short-term building heating load using operational parameters. Energy and Buildings, 2021, 253, 111505.	6.7	31
925	Efficient high-dimension feature selection based on enhanced equilibrium optimizer. Expert Systems With Applications, 2022, 187, 115882.	7.6	24
926	EEG Feature Selection via Global Redundancy Minimization for Emotion Recognition. IEEE Transactions on Affective Computing, 2023, 14, 421-435.	8.3	9
927	Robustness analysis of machine learning classifiers in predicting spatial gully erosion susceptibility with altered training samples. Geomatics, Natural Hazards and Risk, 2021, 12, 794-828.	4.3	17
928	Regression and Classification of Alzheimer's Disease Diagnosis Using NMF-TDNet Features From 3D Brain MR Image. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1103-1115.	6.3	16
929	Exploring the Impact of Data Poisoning Attacks on Machine Learning Model Reliability. Procedia Computer Science, 2021, 192, 2624-2632.	2.0	4
930	A Deep Reinforcement Learning Based Feature Selector. Communications in Computer and Information Science, 2021, , 378-389.	0.5	0
931	A graph-based feature selection method for learning to rank using spectral clustering for redundancy minimization and biased PageRank for relevance analysis. Computer Science and Information Systems, 2022, 19, 141-164.	1.0	3
933	A Study on Feature Selection for Toxicity Prediction. Lecture Notes in Computer Science, 2005, , 31-34.	1.3	4

#	ARTICLE	IF	CITATIONS
934	Feature Selection with Adjustable Criteria. Lecture Notes in Computer Science, 2005, , 204-213.	1.3	21
935	Using kNN Model for Automatic Feature Selection. Lecture Notes in Computer Science, 2005, , 410-419.	1.3	8
936	Analysis of Feature Rankings for Classification. Lecture Notes in Computer Science, 2005, , 362-372.	1.3	9
937	Analogy-Based Reasoning in Classifier Construction. Lecture Notes in Computer Science, 2005, , 277-374.	1.3	39
938	Relevancy in Constraint-Based Subgroup Discovery. Lecture Notes in Computer Science, 2006, , 243-266.	1.3	14
939	Orthogonal Relief Algorithm for Feature Selection. Lecture Notes in Computer Science, 2006, , 227-234.	1.3	9
941	Gene Selection for Classifying Microarray Data Using Grey Relation Analysis. Lecture Notes in Computer Science, 2006, , 378-382.	1.3	7
942	Feature Weighted Minimum Distance Classifier with Multi-class Confidence Estimation. Lecture Notes in Computer Science, 2006, , 253-263.	1.3	5
943	Learning Feature Weights from Case Order Feedback. Lecture Notes in Computer Science, 2001, , 502-516.	1.3	40
944	Feature Extraction and Selection Methods. , 2007, , 133-233.		2
945	Does Complexity Matter? Artificial Evolution, Computational Evolution and the Genetic Analysis of Epistasis in Common Human Diseases.. Genetic and Evolutionary Computation, 2009, , 1-19.	1.0	7
946	Heterogeneous Data Fusion to Type Brain Tumor Biopsies. IFIP Advances in Information and Communication Technology, 2009, , 233-240.	0.7	2
947	Environmental Sensing of Expert Knowledge in a Computational Evolution System for Complex Problem Solving in Human Genetics. Genetic and Evolutionary Computation, 2010, , 19-36.	1.0	11
948	Exploiting Expert Knowledge of Protein-Protein Interactions in a Computational Evolution System for Detecting Epistasis. Genetic and Evolutionary Computation, 2011, , 195-210.	1.0	5
949	Learning Bayesian Networks Using Feature Selection. Lecture Notes in Statistics, 1996, , 291-300.	0.2	19
950	Feature Transformation By Function Decomposition. , 1998, , 325-340.		3
951	The Wrapper Approach. , 1998, , 33-50.		112
952	Epistasis Analysis Using ReliefF. Methods in Molecular Biology, 2015, 1253, 315-325.	0.9	13

#	ARTICLE	IF	CITATIONS
953	Feature Selection Using Distance from Classification Boundary and Monte Carlo Simulation. Lecture Notes in Computer Science, 2018, , 96-105.	1.3	1
954	From Supervised Instance and Feature Selection Algorithms to Dual Selection: A Review. Unsupervised and Semi-supervised Learning, 2020, , 83-128.	0.5	4
955	Feature Selection for Analogy-Based Learning to Rank. Lecture Notes in Computer Science, 2019, , 279-289.	1.3	3
956	Feature Selection in High-Dimensional Data. Advances in Intelligent Systems and Computing, 2020, , 85-128.	0.6	10
958	Data Reduction for Big Data. , 2020, , 81-99.		2
959	Stability of Feature Selection Methods: A Study of Metrics Across Different Gene Expression Datasets. Lecture Notes in Computer Science, 2020, , 659-669.	1.3	2
960	A Geometrical Approach for Age-Invariant Face Recognition. Lecture Notes in Computer Science, 2013, , 81-96.	1.3	3
961	Identifying Learning Conditions that Minimize Mind Wandering by Modeling Individual Attributes. Lecture Notes in Computer Science, 2014, , 94-103.	1.3	6
962	A Study of Machine Learning Techniques for Daily Solar Energy Forecasting Using Numerical Weather Models. Studies in Computational Intelligence, 2015, , 269-278.	0.9	13
963	Temporal Generalizability of Face-Based Affect Detection in Noisy Classroom Environments. Lecture Notes in Computer Science, 2015, , 44-53.	1.3	5
964	Unsupervised Feature Analysis with Class Margin Optimization. Lecture Notes in Computer Science, 2015, , 383-398.	1.3	11
965	One-Class Classification for Microarray Datasets with Feature Selection. Communications in Computer and Information Science, 2015, , 325-334.	0.5	1
967	Using Data Complexity Measures for Thresholding in Feature Selection Rankers. Lecture Notes in Computer Science, 2016, , 121-131.	1.3	11
968	A Weighted Feature Selection Method for Instance-Based Classification. Lecture Notes in Computer Science, 2016, , 14-25.	1.3	3
969	An Insight on the "Large G, Small n" Problem in Gene-Expression Microarray Classification. Lecture Notes in Computer Science, 2017, , 483-490.	1.3	5
970	A Supervised Auto-Tuning Approach for a Banking Fraud Detection System. Lecture Notes in Computer Science, 2017, , 215-233.	1.3	6
971	On Combining Discretisation Parameters and Attribute Ranking for Selection of Decision Rules. Lecture Notes in Computer Science, 2017, , 329-349.	1.3	7
972	Face Forward: Detecting Mind Wandering from Video During Narrative Film Comprehension. Lecture Notes in Computer Science, 2017, , 359-370.	1.3	16

#	ARTICLE	IF	CITATIONS
973	A Feature Subset Evaluation Method Based on Multi-objective Optimization. Lecture Notes in Computer Science, 2017, , 581-590.	1.3	1
974	Multiclass Lung Cancer Diagnosis by Gene Expression Programming and Microarray Datasets. Lecture Notes in Computer Science, 2017, , 541-553.	1.3	11
975	A Comparison of Supervised Machine Learning Algorithms for Classification of Communications Network Traffic. Lecture Notes in Computer Science, 2017, , 445-454.	1.3	35
976	Feature Selection for Detecting Gene-Gene Interactions in Genome-Wide Association Studies. Lecture Notes in Computer Science, 2018, , 33-46.	1.3	2
977	Large Margin Principles for Feature Selection. Studies in Fuzziness and Soft Computing, 2006, , 585-606.	0.8	1
978	Novel Extension of k -TSP Algorithm for Microarray Classification. Lecture Notes in Computer Science, 2008, , 456-465.	1.3	3
979	Tuning ReliefF for Genome-Wide Genetic Analysis. , 2007, , 166-175.		117
980	Distance Function Learning for Supervised Similarity Assessment. Studies in Computational Intelligence, 2008, , 91-126.	0.9	8
981	An Expert Knowledge-Guided Mutation Operator for Genome-Wide Genetic Analysis Using Genetic Programming. Lecture Notes in Computer Science, 2007, , 30-40.	1.3	17
982	extraRelief: Improving Relief by Efficient Selection of Instances. , 2007, , 305-314.		2
983	A User Driven Data Mining Process Model and Learning System. , 2008, , 51-66.		2
984	Scalable Feature Selection for Multi-class Problems. Lecture Notes in Computer Science, 2008, , 227-240.	1.3	10
985	Improving k -Nearest Neighbour Classification with Distance Functions Based on Receiver Operating Characteristics. Lecture Notes in Computer Science, 2008, , 489-504.	1.3	11
986	Ant Colony Optimization for Genome-Wide Genetic Analysis. Lecture Notes in Computer Science, 2008, , 37-47.	1.3	38
987	Mining Statistical Association Rules to Select the Most Relevant Medical Image Features. Studies in Computational Intelligence, 2009, , 113-131.	0.9	14
988	Feature Selection and Classification for Small Gene Sets. Lecture Notes in Computer Science, 2008, , 121-131.	1.3	5
989	Optimal Use of Expert Knowledge in Ant Colony Optimization for the Analysis of Epistasis in Human Disease. Lecture Notes in Computer Science, 2009, , 92-103.	1.3	21
990	Similarity-Based Feature Selection for Learning from Examples with Continuous Values. Lecture Notes in Computer Science, 2009, , 957-964.	1.3	2

#	ARTICLE	IF	CITATIONS
991	Kernelized Fuzzy Rough Sets. Lecture Notes in Computer Science, 2009, , 304-311.	1.3	6
993	The Informative Extremes: Using Both Nearest and Farthest Individuals Can Improve Relief Algorithms in the Domain of Human Genetics. Lecture Notes in Computer Science, 2010, , 182-193.	1.3	24
994	Artificial Immune Systems for Epistasis Analysis in Human Genetics. Lecture Notes in Computer Science, 2010, , 194-204.	1.3	3
995	Sensible Initialization of a Computational Evolution System Using Expert Knowledge for Epistasis Analysis in Human Genetics. Adaptation, Learning, and Optimization, 2010, , 215-226.	0.6	9
996	Scaling Up Feature Selection by Means of Democratization. Lecture Notes in Computer Science, 2010, , 662-672.	1.3	2
997	Selecting Few Genes for Microarray Gene Expression Classification. Lecture Notes in Computer Science, 2010, , 111-120.	1.3	2
999	Feature Extraction and Selection for Decision Making. Biological and Medical Physics Series, 2010, , 197-223.	0.4	4
1000	A First Machine Learning Approach to Pronominal Anaphora Resolution in Basque. Lecture Notes in Computer Science, 2010, , 234-243.	1.3	5
1001	A Method for Scribe Distinction in Medieval Manuscripts Using Page Layout Features. Lecture Notes in Computer Science, 2011, , 393-402.	1.3	15
1002	Selecting Feature Subset via Constraint Association Rules. Lecture Notes in Computer Science, 2012, , 304-321.	1.3	5
1003	Feature Weighting by RELIEF Based on Local Hyperplane Approximation. Lecture Notes in Computer Science, 2012, , 335-346.	1.3	5
1005	An Adaption of Relief for Redundant Feature Elimination. Lecture Notes in Computer Science, 2012, , 73-81.	1.3	1
1006	Multiple Threshold Spatially Uniform ReliefF for the Genetic Analysis of Complex Human Diseases. Lecture Notes in Computer Science, 2013, , 1-10.	1.3	26
1007	Feature Selection and Classification of High Dimensional Mass Spectrometry Data: A Genetic Programming Approach. Lecture Notes in Computer Science, 2013, , 43-55.	1.3	18
1008	Global Top-Scoring Pair Decision Tree for Gene Expression Data Analysis. Lecture Notes in Computer Science, 2013, , 229-240.	1.3	4
1009	Class Dependent Feature Weighting and K-Nearest Neighbor Classification. Lecture Notes in Computer Science, 2013, , 69-78.	1.3	10
1010	Scaling Up Feature Selection: A Distributed Filter Approach. Lecture Notes in Computer Science, 2013, , 121-130.	1.3	4
1011	On Stopping Rules in Dependency-Aware Feature Ranking. Lecture Notes in Computer Science, 2013, , 286-293.	1.3	2

#	ARTICLE	IF	CITATIONS
1012	ReliefF-ML: An Extension of ReliefF Algorithm to Multi-label Learning. Lecture Notes in Computer Science, 2013, , 528-535.	1.3	12
1013	Redundant Feature Selection for Telemetry Data. Lecture Notes in Computer Science, 2014, , 53-65.	1.3	3
1014	Unsupervised Feature Selection via Unified Trace Ratio Formulation and K-means Clustering (TRACK). Lecture Notes in Computer Science, 2014, , 306-321.	1.3	60
1015	A Two-Stage Unsupervised Dimension Reduction Method for Text Clustering. Advances in Intelligent Systems and Computing, 2013, , 529-542.	0.6	6
1016	Liver Fibrosis Diagnosis Support System Using Machine Learning Methods. Advances in Intelligent Systems and Computing, 2016, , 111-121.	0.6	6
1017	Applications of Machine Learning in Breeding for Stress Tolerance in Maize. , 2012, , 163-192.		9
1018	A Comparative Analysis of Feature Selection Methods and Associated Machine Learning Algorithms on Wisconsin Breast Cancer Dataset (WBCD). Advances in Intelligent Systems and Computing, 2016, , 215-224.	0.6	8
1019	Deep Learning Approaches for Speech Emotion Recognition. Algorithms for Intelligent Systems, 2020, , 259-289.	0.6	1
1020	Autism Spectrum Disorder Classification in Videos: A Hybrid of Temporal Coherency Deep Networks and Self-organizing Dual Memory Approach. Lecture Notes in Electrical Engineering, 2020, , 421-430.	0.4	1
1021	Feature Selection for Microarray Data Classification Using Hybrid Information Gain and a Modified Binary Krill Herd Algorithm. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 288-301.	3.6	45
1022	A Comparison of Induction Algorithms for Selective and non-Selective Bayesian Classifiers. , 1995, , 497-505.		13
1023	Empirical studies on the impact of filter-based ranking feature selection on security vulnerability prediction. IET Software, 2021, 15, 75-89.	2.1	14
1024	A New Approach for Personal Identification Based on dVCG. IEICE Transactions on Information and Systems, 2008, E91-D, 1201-1205.	0.7	3
1028	Evaluation Of Feature Selection for Improvement Backpropagation Neural Network in Divorce Predictions. , 2020, , .		2
1031	Prediction of Bankruptcy with SVM Classifiers Among Retail Business Companies in EU. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2016, 64, 627-634.	0.4	13
1032	Feature evaluation for land use and land cover classification based on statistical, textural, and shape features over Landsat and Sentinel imagery. Journal of Applied Remote Sensing, 2020, 14, .	1.3	2
1033	Maintaining case knowledge vocabulary using a new evidential attribute clustering method. , 2018, , .		2
1034	Heuristically Reducing the Cost of Correlation-based Feature Selection. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
1035	Exploring the Stability of Feature Selection Methods across a Palette of Gene Expression Datasets. , 2019, , .		4
1036	Fast Distributed k -NN Graph Construction Using Auto-tuned Locality-sensitive Hashing. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-18.	4.5	7
1038	Measuring Impacts of Condition Variables in Rule-Based Models of Space-Time Choice Behavior: Method and Empirical Illustration. Geographical Analysis, 2003, 35, 24-45.	3.5	13
1039	ReliefF-based Multi-label Feature Selection. International Journal of Database Theory and Application, 2015, 8, 307-318.	0.2	7
1040	A Hybrid Feature Gene Selection Method based on Fuzzy Neighborhood Rough Set with Information Entropy. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2014, 7, 95-110.	0.2	1
1041	A Feature Selection Algorithm based on Hoeffding Inequality and Mutual Information. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2015, 8, 433-444.	0.2	1
1042	A Rank Aggregation Algorithm for Ensemble of Multiple Feature Selection Techniques in Credit Risk Evaluation. International Journal of Advanced Research in Artificial Intelligence, 2016, 5, .	0.2	11
1043	Dimensionality Reduction for Probabilistic Neural Network in Medical Data Classification Problems. International Journal of Electronics and Telecommunications, 2015, 61, 289-300.	0.6	5
1044	Classic genetic algorithm vs. genetic algorithm with aggressive mutation for feature selection for a brain-computer interface. Przegląd Elektrotechniczny, 2015, 1, 100-104.	0.2	9
1046	A Feature Subset Selection Algorithm Automatic Recommendation Method. Journal of Artificial Intelligence Research, 0, 47, 1-34.	7.0	50
1047	A Novel Clustering based Feature Subset Selection Framework for Effective Data Classification. Indian Journal of Science and Technology, 2016, 9, .	0.7	10
1048	Intrusion Detection with Machine Learning and Feature Selection Methods. BiliÅŸim Teknolojileri Dergisi, 2018, 11, 175-185.	0.6	15
1049	Identifying the most Informative Variables for Decision-Making Problems - a Survey of Recent Approaches and Accompanying Problems. Acta Oeconomica Pragensia, 2008, 16, 37-55.	0.1	11
1050	An improved rotation forest algorithm based on heterogeneous classifiers ensemble for classifying gene expression profile. Advances in Modelling and Analysis B, 2017, 60, 1-24.	0.2	5
1051	An Approach for Optimal Feature Subset Selection using a New Term Weighting Scheme and Mutual Information. International Journal on Advanced Science, Engineering and Information Technology, 2011, 1, 273.	0.4	8
1056	Prediction of Deception and Sincerity from Speech Using Automatic Phone Recognition-Based Features. , 0, , .		5
1057	Improving Sequential Feature Selection Methods' Performance by Means of Hybridization. , 2010, , .		5
1058	A New Horizo-Vertical Distributed Feature Selection Approach. Cybernetics and Information Technologies, 2018, 18, 15-28.	1.1	2

#	ARTICLE	IF	CITATIONS
1059	A Review of Feature Selection and Its Methods. Cybernetics and Information Technologies, 2019, 19, 3-26.	1.1	216
1060	An Improved Correlation-Based Algorithm with Discretization for Attribute Reduction in Data Clustering. Data Science Journal, 2009, 8, 125-138.	1.3	5
1061	Semi-supervised Feature Selection via Rescaled Linear Regression. , 2017, , .		65
1062	Identifying the Authorsâ€™ National Variety of English in Social Media Texts. , 2017, , .		10
1063	An analysis about the measure quality of similarity and its applications in machine learning. , 2013, , .		9
1064	ReliefF Based Forward Selection Algorithm to Identify CTQs for Complex Products. , 2016, , 23-30.		2
1065	AUTOMATIC DETECTION OF CYBERBULLYING IN FORMSPRING.ME, MYSPACE AND YOUTUBE SOCIAL NETWORKS. Turkish Journal of Engineering, 2019, 3, 168-178.	1.2	11
1066	Verbal Valency Frame Detection and Selection in Czech and English. , 2014, , .		2
1067	Machine Learning Algorithms to Classify and Quantify Multiple Behaviours in Dairy Calves Using a Sensor: Moving beyond Classification in Precision Livestock. Sensors, 2021, 21, 88.	3.8	28
1068	Predicting Human Actions Using a Hybrid of ReliefF Feature Selection and Kernel-Based Extreme Learning Machine. Advances in Computational Intelligence and Robotics Book Series, 2018, , 379-397.	0.4	2
1069	Predicting Human Actions Using a Hybrid of ReliefF Feature Selection and Kernel-Based Extreme Learning Machine. , 2020, , 307-325.		3
1070	Feature Selection Based on Minimizing the Area Under the Detection Error Tradeoff Curve. International Journal of Applied Evolutionary Computation, 2011, 2, 18-33.	1.0	1
1071	Feature Selection Techniques on Thyroid, Hepatitis, and Breast Cancer Datasets. International Journal on Data Mining and Intelligent Information Technology Applications, 2013, 3, 1-8.	0.3	9
1072	Characteristic sites in the internal proteins of avian and human influenza viruses. Journal of Biomedical Science and Engineering, 2010, 03, 943-955.	0.4	8
1073	A Feature Subset Selection Technique for High Dimensional Data Using Symmetric Uncertainty. Journal of Data Analysis and Information Processing, 2014, 02, 95-105.	1.1	48
1074	A Constructive Meta-Level Feature Selection Method based on Method Repositories. Journal of Computers, 2006, 1, .	0.4	1
1075	A Novel Feature Selection Algorithm Based on Hypothesis-Margin. Journal of Computers, 2008, 3, .	0.4	7
1076	Research and Application of Data Mining Feature Selection Based on Relief Algorithm. Journal of Software, 2014, 9, .	0.6	11

#	ARTICLE	IF	CITATIONS
1077	Effective Discretization and Hybrid feature selection using Naïve Bayesian classifier for Medical datamining. International Journal of Computational Intelligence Research, 2009, 5, .	0.3	21
1078	Learning and Optimizing the Features with Genetic Algorithms. International Journal of Computer Applications, 2010, 9, 1-5.	0.2	2
1079	Literature Review on Feature Selection Methods for High-Dimensional Data. International Journal of Computer Applications, 2016, 136, 9-17.	0.2	51
1080	Survey Paper on Feature Extraction Methods in Text Categorization. International Journal of Computer Applications, 2017, 166, 11-17.	0.2	12
1081	Multi-Level Dimensionality Reduction Methods Using Feature Selection and Feature Extraction. International Journal of Artificial Intelligence & Applications, 2010, 1, 54-68.	0.5	14
1082	Educational Software Evaluation : A Study from an Educational Data Mining Perspective. International Journal of Multimedia and Its Applications, 2014, 6, 01-20.	0.1	3
1083	Classification of Urban Settlements Types based on space-borne SAR datasets. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-7, 55-60.	0.0	5
1084	Ordinal classification for efficient plant stress prediction in hyperspectral data. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7, 29-36.	0.2	14
1088	An Improved kNN Algorithm based on Essential Vector. Elektronika Ir Elektrotechnika, 2012, 123, .	0.8	2
1090	Feature Selection: A literature Review. The Smart Computing Review, 2014, 4, .	0.4	328
1091	A Feature Selection Method Using Misclassified Patterns. International Journal of Computer Theory and Engineering, 2011, , 643-651.	3.4	4
1092	Recognition of Studentsâ€™ Multiple Mental States in Conversation Based on Multimodal Cues. Communications in Computer and Information Science, 2021, , 468-479.	0.5	0
1093	Identification of COVID-19 from Cough Sounds Using Non-Linear Analysis and Machine Learning. European Journal of Science and Technology, 0, , .	0.5	1
1094	An intelligent hybrid feature subset selection and production pattern recognition method for modeling ethylene plant. Journal of Analytical and Applied Pyrolysis, 2021, 160, 105352.	5.5	7
1095	Language function following preterm birth: prediction using machine learning. Pediatric Research, 2022, 92, 480-489.	2.3	11
1096	Advanced Fuzzy Clustering and Decision Tree Plug-Ins for DataEngine™. Lecture Notes in Computer Science, 2000, , 188-212.	1.3	1
1098	A Unified Framework for Evaluation Metrics in Classification Using Decision Trees. Lecture Notes in Computer Science, 2001, , 503-514.	1.3	2
1099	SOAP: Efficient Feature Selection of Numeric Attributes. Lecture Notes in Computer Science, 2002, , 233-242.	1.3	10

#	ARTICLE	IF	CITATIONS
1100	Asymmetric Neighbourhood Selection and Support Aggregation for Effective Classification. Lecture Notes in Computer Science, 2002, , 21-31.	1.3	2
1101	Analysing Rough Sets weighting methods for Case-Based Reasoning Systems. Inteligencia Artificial, 2002, 6, .	0.8	2
1102	Developing Classification Techniques from Biological Databases Using Simulated Annealing. Applied Optimization, 2003, , 347-367.	0.4	0
1103	Gene Selection for Microarray Data. , 2004, , 319-356.		0
1104	Wrapper for Ranking Feature Selection. Lecture Notes in Computer Science, 2004, , 384-389.	1.3	2
1105	Dependency Bagging. Lecture Notes in Computer Science, 2005, , 491-500.	1.3	2
1106	Constructive Meta-level Feature Selection Method Based on Method Repositories. Lecture Notes in Computer Science, 2006, , 70-80.	1.3	0
1109	Chapter 17 Anomaly-Based Security Framework for Network Centric Systems. Handbooks in Information Systems, 2007, , 395-416.	0.5	0
1110	RISC: A New Filter Approach for Feature Selection from Proteomic Data. Lecture Notes in Computer Science, 2007, , 17-24.	1.3	0
1111	Novel Analytical Methods for Association Studies. , 2008, , 169-187.		0
1112	Discovery of the Latent Supportive Relevance in Medical Data Mining. , 0, , .		2
1113	Data Mining in Medicine. , 2009, , 1111-1136.		23
1114	On Interacting Features in Subset Selection. , 2009, , 1079-1084.		0
1115	Dealing with Missing Values in a Probabilistic Decision Tree during Classification. Studies in Computational Intelligence, 2009, , 55-74.	0.9	2
1116	Feature Selection via Maximizing Neighborhood Soft Margin. Lecture Notes in Computer Science, 2009, , 150-161.	1.3	0
1117	Robust Gene Selection from Microarray Data with a Novel Markov Boundary Learning Method: Application to Diabetes Analysis. Lecture Notes in Computer Science, 2009, , 724-735.	1.3	3
1118	Image Classification Models. , 2009, , 141-151.		0
1119	Document Classification of Small Size Documents Using Extended Relief-F Algorithm. The KIPS Transactions PartB, 2009, 16B, 233-238.	0.1	0

#	ARTICLE	IF	CITATIONS
1120	Reducing Dimensionality in Multiple Instance Learning with a Filter Method. Lecture Notes in Computer Science, 2010, , 35-44.	1.3	4
1121	Comparing Feature Bias and Feature Selection Strategies for Many-Attribute Machine Learning. , 2010, , .		0
1122	Improving Multi-Relief for Detecting Specificity Residues from Multiple Sequence Alignments. Lecture Notes in Computer Science, 2010, , 158-169.	1.3	0
1123	A Model-Based Approach for Building Optimum Classification Cascades. , 0, , .		0
1124	SOFT COMPUTING FOR FEATURE SELECTION. Advances in Computer Science and Engineering, 2010, , 217-258.	0.2	4
1125	A Random Forests Text Transliteration System for Greek Digraphia. International Federation for Information Processing, 2011, , 196-201.	0.4	2
1126	Fuzzy Mutual Information Based min-Redundancy and Max-Relevance Heterogeneous Feature Selection. International Journal of Computational Intelligence Systems, 2011, 4, 619.	2.7	12
1128	Analyzing E-Learning Systems Using Educational Data Mining Techniques. Mediterranean Journal of Social Sciences, 0, , .	0.2	9
1131	Using 2D Principal Component Analysis to Reduce Dimensionality of Gene Expression Profiles for Tumor Classification. Lecture Notes in Computer Science, 2012, , 588-595.	1.3	0
1132	OmicsMiner: A Biological Data Mining Framework. Journal of Data Mining in Genomics & Proteomics, 2012, 03, .	0.5	0
1133	Individual Optimal Feature Selection Based on Comprehensive Evaluation Indexes. Lecture Notes in Computer Science, 2012, , 569-576.	1.3	0
1134	GP-Pi: Using Genetic Programming with Penalization and Initialization on Genome-Wide Association Study. Lecture Notes in Computer Science, 2013, , 330-341.	1.3	0
1135	Comparative study of speaker personality traits recognition in conversational and broadcast news speech. , 0, , .		5
1137	C-LAS Relief-An Improved Feature Selection Technique in Data Mining. International Journal of Computer Applications, 2013, 83, 33-36.	0.2	2
1138	Modeli za predikcijo oblikoslovnih paradigem za hrvaÅke besede. Slovenscina 2 0, 2013, 1, 1-34.	0.1	1
1139	Short Text Hashing Improved by Integrating Topic Features and Tags. Lecture Notes in Computer Science, 2014, , 295-302.	1.3	0
1140	Voice Activity Detection from Electrocardiographic Signals. IFMBE Proceedings, 2014, , 1643-1646.	0.3	0
1141	IG-C4.5:An Improved Feature Selection Method Based on Information Gain. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1142	Feature subset selection for high dimensional data with domain analysis using Semantic Mining. IOSR Journal of Computer Engineering, 2014, 16, 108-111.	0.1	0
1143	A Stable Instance Based Filter for Feature Selection in Small Sample Size Data Sets. Lecture Notes in Computer Science, 2014, , 334-344.	1.3	1
1144	Identification of Individuals using Single-Lead Electrocardiogram Signal. Journal of Biomedical Engineering Research, 2014, 35, 42-49.	0.1	0
1145	A Geometric Approach to Feature Ranking Based Upon Results of Effective Decision Boundary Feature Matrix. Studies in Computational Intelligence, 2015, , 45-69.	0.9	1
1146	Short Text Hashing Improved by Integrating Multi-granularity Topics and Tags. Lecture Notes in Computer Science, 2015, , 444-455.	1.3	0
1147	SOPA: Random Forests Regression for the Semantic Textual Similarity task. , 2015, , .		4
1148	Feature Selection Method Based on Feature's Classification Bias and Performance. Lecture Notes in Computer Science, 2015, , 227-240.	1.3	1
1149	Sparse Matrix Feature Selection in Multi-label Learning. Lecture Notes in Computer Science, 2015, , 332-339.	1.3	0
1150	Time-Varying Parametric Modeling of ECoG for Syllable Decoding. Lecture Notes in Computer Science, 2015, , 222-231.	1.3	0
1151	FEATURE SELECTION AND THE CHESSBOARD PROBLEM. Acta Universitatis Lodzianensis Folia Oeconomica, 2015, 1, .	0.3	0
1152	An Ameliorated Methodology for Feature Subset Selection on High Dimensional Data using Precise Relevance Measures. International Journal of Computer Applications, 2015, 127, 32-36.	0.2	0
1153	Feature Selection Based on Dynamic Weight Boosting Algorithm. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2015, 8, 357-370.	0.2	0
1154	A reformative feature selection algorithm in fall detector application. , 2016, , .		0
1155	Measuring Quality of Decision Rules Through Ranking of Conditional Attributes. Smart Innovation, Systems and Technologies, 2016, , 269-279.	0.6	3
1156	Processing Bio-medical Data with Class-Dependent Feature Selection. Smart Innovation, Systems and Technologies, 2016, , 303-310.	0.6	1
1157	Problemy doboru zmiennych objaŝniajÄ...cych w klasyfikacji danych medycznych / Feature selection and its impact on classifier effectiveness â€œ case study for medical data. Prace Naukowe Uniwersytetu Ekonomicznego We WrocÄawiu, 2016, , .	0.1	0
1158	Utilizing Feature Selection on Higher Order Neural Networks. Advances in Computational Intelligence and Robotics Book Series, 2016, , 375-390.	0.4	0
1159	A Novel Wrapper-filter Hybrid Method for Candidate SNPs Selection. IOSR Journal of Computer Engineering, 2016, 18, 31-38.	0.1	0

#	ARTICLE	IF	CITATIONS
1160	Fuzzy Rough Classification Models for Network Intrusion Detection. Transactions on Machine Learning and Artificial Intelligence, 2016, 4, .	0.3	3
1161	FEATURE SELECTION FRAMEWORK BASED ON FILTER MEASURES FOR HIGH DIMENSIONAL DATA. International Journal of Research in Engineering and Technology, 2016, 05, 109-113.	0.1	0
1162	Efficient Feature Subset Selection Algorithm for High Dimensional Data. International Journal of Electrical and Computer Engineering, 2016, 6, 1880.	0.7	8
1163	ATTRIBUTE SELECTION MODEL FOR OPTIMAL LOCAL SEARCH AND GLOBAL SEARCH. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
1164	Iterative Local Hyperlinear Learning Based Relief for Feature Weight Estimation. Lecture Notes in Computer Science, 2017, , 345-355.	1.3	1
1165	A PROBLEM OF THE NOISY VARIABLES IN THE AGGREGATED KNN CLASSIFIERS. Prace Naukowe Uniwersytetu Ekonomicznego We Wrocławiu, 2017, , 116-126.	0.1	0
1166	Biomedical Imaging Informatics for Diagnostic Imaging Marker Selection. Health Information Science, 2017, , 115-127.	0.4	0
1167	Dynamic feature selection for web user identification on linguistic and stylistic features of online texts. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2017, , 117-128.	0.2	2
1168	A Smart City Application for Sharing Up-to-date Road Surface Conditions Detected from Crowdsourced Data. Lecture Notes in Computer Science, 2017, , 219-234.	1.3	1
1169	Pattern Recognition of Inflammatory Sacroiliitis in Magnetic Resonance Imaging. Lecture Notes in Computational Vision and Biomechanics, 2018, , 639-644.	0.5	4
1170	Use of Orange Data Mining Toolbox for Data Analysis in Clinical Decision Making. Advances in Bioinformatics and Biomedical Engineering Book Series, 2018, , 143-167.	0.4	7
1171	FEATURE SELECTION WITH A USE OF MARGIN. Prace Naukowe Uniwersytetu Ekonomicznego We Wrocławiu, 2018, , 124-132.	0.1	0
1172	Feature Selection. Intelligent Systems Reference Library, 2018, , 13-37.	1.2	2
1174	Manifold-Regularized Adaptive Lasso. Lecture Notes in Computer Science, 2018, , 545-556.	1.3	0
1175	Recovering Segmentation Errors in Handwriting Recognition Systems. Lecture Notes in Computer Science, 2018, , 631-642.	1.3	0
1176	Age Identification of Twitter Users: Classification Methods and Sociolinguistic Analysis. Lecture Notes in Computer Science, 2018, , 385-395.	1.3	2
1177	GÃ¼nÃ¼n Kalitesi BozulmalarÄ±n 2 Boyutlu AyrÄ±k DalgacÄ±k DÃ¶nÃ¼ÅÃ¼mÃ¼ ve Torbalama Karar AÃaÅlarÄ± YÃ¼ntemi ile SÃ±nÄ±flandÄ±rÄ±lmasÄ±. Journal of Polytechnic, 0, , .	0.7	0
1178	Predicting bankruptcy of manufacturing companies in EU. E A M: Economie A Management, 2018, 21, 159-174.	1.0	8

#	ARTICLE	IF	CITATIONS
1179	Creativity in Measuring Trust in Human-Robot Interaction Using Interactive Dialogs. Advances in Intelligent Systems and Computing, 2019, , 1175-1190.	0.6	1
1180	Automatic Labeling Affective Scenes in Spoken Conversations. Topics in Intelligent Engineering and Informatics, 2019, , 109-130.	0.4	1
1181	Decoding Action Observation Using Complex Brain Networks from Simultaneously Recorded EEG-fNIRS Signals. Communications in Computer and Information Science, 2019, , 559-569.	0.5	1
1182	Feature Selection Based on Graph Structure. Lecture Notes in Computer Science, 2019, , 289-302.	1.3	0
1183	Algorithmic Analysis of Clinical, Neuropsychological, and Imaging Data in Localization-Related Epilepsy. Advances in Medical Technologies and Clinical Practice Book Series, 2019, , 46-79.	0.3	0
1184	Does the Order of Attributes Play an Important Role in Classification?. Lecture Notes in Computer Science, 2019, , 370-380.	1.3	3
1185	Multi-label Feature Selection Using Particle Swarm Optimization: Novel Initialization Mechanisms. Lecture Notes in Computer Science, 2019, , 510-522.	1.3	5
1186	A Distributed Multi-source Feature Selection Using Spark. Advances in Intelligent Systems and Computing, 2020, , 312-320.	0.6	0
1189	Multivariate attribute selection in seismic facies classification. , 2019, , .		2
1190	Reflective Writing Analysis Approach Based on Semantic Concepts: An Evaluation of WordNet Affect Efficiency. Advances in Intelligent Systems and Computing, 2020, , 321-333.	0.6	0
1191	OD Mobility Estimation Using Artificial Neural Networks. , 2020, , 643-652.		0
1193	Appliance Signature Extraction. , 2020, , 45-78.		0
1194	Developing an Efficient Method for Automatic Threshold Detection Based on Hybrid Feature Selection Approach. Advances in Intelligent Systems and Computing, 2020, , 56-72.	0.6	0
1195	Feature Selection Techniques and its Importance in Machine Learning: A Survey. , 2020, , .		4
1196	The Influence of Unbalanced Economic Data on Feature Selection and Quality of Classifiers. Folia Oeconomica Stetinensia, 2020, 20, 232-247.	0.9	0
1198	Analysis of Univariate and Multivariate Filters Towards the Early Detection of Dementia. Recent Advances in Computer Science and Communications, 2022, 15, .	0.7	3
1199	Decision and feature level fusion of deep features extracted from public COVID-19 data-sets. Applied Intelligence, 2022, 52, 8551-8571.	5.3	14
1200	Local feature selection for multiple instance learning. Journal of Intelligent Information Systems, 2022, 59, 45-69.	3.9	1

#	ARTICLE	IF	CITATIONS
1201	A Framework for Feature Selection to Exploit Feature Group Structures. Lecture Notes in Computer Science, 2020, , 792-804.	1.3	1
1202	RSGSA: a Robust and Stable Gene Selection Algorithm. , 2020, , .		0
1203	Convolutional neural network for classification of multiple sleep stages from dual-channel EEG signals. , 2020, , .		7
1204	Prior Dirichlet Distribution Based Feature Selection in Naive Bayes on High Dimensional Data Classification. , 2020, , .		1
1205	Detection of Tumor Slice in Brain Magnetic Resonance Images by Feature Optimized Transfer Learning. Aksaray University Journal of Science and Engineering, 2020, 4, 187-198.	1.0	1
1207	Methods to Select Features for Android Malware Detection Based on the Protection Level Analysis. Lecture Notes in Computer Science, 2020, , 375-386.	1.3	1
1208	Analysis of Ensemble Feature Selection for Correlated High-Dimensional RNA-Seq Cancer Data. Lecture Notes in Computer Science, 2020, , 525-538.	1.3	2
1210	Weighted Feature Selection Method for Improving Decisions in Milling Process Diagnosis. Lecture Notes in Computer Science, 2020, , 280-291.	1.3	0
1211	Introduction to Motor Imagery-Based Brain-Computer Interface. Advances in Bioinformatics and Biomedical Engineering Book Series, 2020, , 168-197.	0.4	0
1212	Modified Pointwise Mutual Information-Based Feature Selection for Text Classification. Lecture Notes in Networks and Systems, 2022, , 333-353.	0.7	2
1213	A novel four-step feature selection technique for diabetic retinopathy grading. Physical and Engineering Sciences in Medicine, 2021, 44, 1351-1366.	2.4	21
1214	Feature selection via minimizing global redundancy for imbalanced data. Applied Intelligence, 2022, 52, 8685-8707.	5.3	4
1215	Neural Feature Extraction for the Analysis of Parkinsonian Patient Handwriting. Smart Innovation, Systems and Technologies, 2021, , 243-253.	0.6	5
1216	Feature Reduction with Inconsistency. , 0, , 195-204.		0
1217	Utilizing Feature Selection on Higher Order Neural Networks. , 0, , 1099-1114.		0
1218	Solving Complex Problems in Human Genetics Using Nature-Inspired Algorithms Requires Strategies which Exploit Domain-Specific Knowledge. , 0, , 1867-1881.		0
1219	Solving Complex Problems in Human Genetics Using Nature-Inspired Algorithms Requires Strategies which Exploit Domain-Specific Knowledge. , 0, , 1867-1881.		0
1220	Feature Selection in High Dimension. , 0, , 97-119.		0

#	ARTICLE	IF	CITATIONS
1221	Unifying Weighting and Case Reduction Methods Based on Rough Sets to Improve Retrieval. , 2003, , 494-508.		4
1224	Two Way Focused Classification. Lecture Notes in Computer Science, 2007, , 345-354.	1.3	2
1225	A predictive noise correction methodology for manufacturing process datasets. Journal of Big Data, 2020, 7, .	11.0	6
1226	Autonomous Cognition and Correction System of Robot Service Based on Emotional Information and Case-Based Reasoning. , 2021, , .		1
1227	A Machine Learning Model to Prune Insignificant Attributes. , 2021, , .		3
1229	Preordonance correlation filter for feature selection in the high dimensional classification problem. , 2021, , .		2
1230	A Comparative Study of Soft Computing Models for Prediction of Permeability Coefficient of Soil. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	9
1231	A robust and stable gene selection algorithm based on graph theory and machine learning. Human Genomics, 2021, 15, 66.	2.9	1
1232	Evaluating the effect of Parkinson's disease on jitter and shimmer speech features. Advanced Biomedical Research, 2021, 10, 54.	0.5	1
1233	Comparison of Selected Dimensionality Reduction Methods for Detection of Root-Knot Nematode Infestations in Potato Tubers Using Hyperspectral Imaging. Sensors, 2022, 22, 367.	3.8	10
1235	A Machine Learning-Based Computational System Proposal Aiming at Higher Education Dropout Prediction. Higher Education Studies, 2020, 10, 12.	0.5	2
1236	Revisiting Feature Selection with Data Complexity. , 2020, , .		2
1237	Fault Classification Method based on Fast K-Nearest Neighbor with Hybrid Feature Generation and K - Medoids Clustering. , 2020, , .		0
1238	A feature selection algorithm for multilayer perceptron based on simultaneous two-sample representation. , 2020, , .		0
1239	A New Feature Selection Method for Intrusion Detection System Dataset “ TSDR method. , 2020, , .		8
1240	Learning a Privacy-Preserving Global Feature Set for Mood Classification Using Smartphone Activity and Sensor Data. , 2020, , .		2
1241	FairMixRep: Self-supervised Robust Representation Learning for Heterogeneous Data with Fairness constraints. , 2020, , .		0
1242	Event Camera Point Cloud Feature Analysis and Shadow Removal for Road Traffic Sensing. IEEE Sensors Journal, 2022, 22, 3358-3369.	4.7	4

#	ARTICLE	IF	CITATIONS
1243	Ensemble Feature Selection: Are Stability Metrics a Proxy or a Complement to Predictive Performance?. , 2021, , .		0
1244	Multi-Objective Optimisation for Improved Feature Selection. , 2021, , .		0
1245	A Supervised Feature Selection Method For Mixed-Type Data using Density-based Feature Clustering. , 2021, , .		3
1246	Feature Selection Method AUC-Based with Estimation Probability and Smoothing. , 2021, , .		0
1247	A Novel Ensemble Machine Learning and Time Series Approach for Oil Palm Yield Prediction Using Landsat Time Series Imagery Based on NDVI. Geocarto International, 0, , 1-24.	3.5	9
1248	An Explainable Machine Learning Approach for COVID-19â€™s Impact on Mood States of Children and Adolescents during the First Lockdown in Greece. Healthcare (Switzerland), 2022, 10, 149.	2.0	11
1249	Meniscal Tear and ACL Injury Detection Model Based on AlexNet and Iterative ReliefF. Journal of Digital Imaging, 2022, 35, 200-212.	2.9	12
1250	A fuzzy rough set approach to hierarchical feature selection based on Hausdorff distance. Applied Intelligence, 2022, 52, 11089-11102.	5.3	16
1252	A Novel Feature-Based SHM Assessment and Predication Approach for Robust Evaluation of Damage Data Diagnosis Systems. Wireless Personal Communications, 2022, 124, 3387-3411.	2.7	4
1253	Türkîye Covid-19 gânlâk hasta sayâsândaki deâiâimin sâ+nâ+flandâ+râ+lmâsâ+na yânelik tahmininin destek vektâlr makineleri ve k-en yakâ+n komâYu algoritmalarâ± ile gerâŞekleâYtirilmesi. Gâ¼mâ¼hane Âœniversitesi Fen Bilimleri Enstitâ¼sâ¼ Dergisi, 0, , .		1
1254	Feature Selection Method for Nonintrusive Load Monitoring With Balanced Redundancy and Relevancy. IEEE Transactions on Industry Applications, 2022, 58, 163-172.	4.9	8
1255	Machine learning and deep learning techniques to support clinical diagnosis of arboviral diseases: A systematic review. PLoS Neglected Tropical Diseases, 2022, 16, e0010061.	3.0	18
1256	Using Machine-Learning techniques and Virtual Reality to design cutting tools for energy optimization in milling operations. International Journal of Computer Integrated Manufacturing, 2022, 35, 951-971.	4.6	7
1257	Bitkilerdeki Yaprak Hastalâ±âYâ± Tespiti iâŞin Derin Â–zellik Â±karma ve Makine Â–âYrenmesi Yântemi. Fârat Âœniversitesi Mâ¼hendislik Bilimleri Dergisi, 2022, 34, 123-132.	0.5	3
1258	EPIMUTESTR: a nearest neighbor machine learning approach to predict cancer driver genes from the evolutionary action of coding variants. Nucleic Acids Research, 2022, 50, e70-e70.	14.5	7
1260	Ensemble Feature Subset Selection: Integration of Symmetric Uncertainty and Chi-Square techniques with RReliefF. Journal of the Institution of Engineers (India): Series B, 2022, 103, 831-844.	1.9	6
1261	Detecting Spinal Abnormalities Using Multilayer Perceptron Algorithm. Lecture Notes in Networks and Systems, 2022, , 654-664.	0.7	3
1262	The Curse of Dimensionality. Springer Series in Reliability Engineering, 2022, , 67-86.	0.5	5

#	ARTICLE	IF	CITATIONS
1263	Feature Selection: From the Past to the Future. Learning and Analytics in Intelligent Systems, 2022, , 11-34.	0.6	4
1264	Predicting Chronic Kidney Disease Using Hybrid Machine Learning Based on Apache Spark. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.7	13
1265	Predictive model for construction labour productivity using hybrid feature selection and principal component analysis. Canadian Journal of Civil Engineering, 2022, 49, 1366-1378.	1.3	6
1266	Machine Learning analysis of high-grade serous ovarian cancer proteomic dataset reveals novel candidate biomarkers. Scientific Reports, 2022, 12, 3041.	3.3	9
1267	Process monitoring for quality – a feature selection method for highly unbalanced binary data. International Journal on Interactive Design and Manufacturing, 2022, 16, 557-572.	2.2	3
1268	Predictive Monitoring of Incipient Faults in Rotating Machinery: A Systematic Review from Data Acquisition to Artificial Intelligence. Archives of Computational Methods in Engineering, 2022, 29, 4005-4026.	10.2	12
1269	A Hybrid Convolutional Neural Network and Relief-F Algorithm for Fault Power Line Recognition in Internet of Things-Based Smart Grids. Wireless Communications and Mobile Computing, 2022, 2022, 1-7.	1.2	2
1270	Improving segmentation and classification of renal tumors in small sample 3D CT images using transfer learning with convolutional neural networks. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1303-1311.	2.8	9
1271	A survey of machine learning approaches in animal behaviour. Neurocomputing, 2022, 491, 442-463.	5.9	19
1272	A Novel Reformed Reduced Kernel Extreme Learning Machine with RELIEF-F for Classification. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.7	2
1273	A repetitive feature selection method based on improved ReliefF for missing data. Applied Intelligence, 2022, 52, 16265-16280.	5.3	3
1274	Gene Feature Selection Method Based on ReliefF and Pearson Correlation. , 2021, , .		3
1275	Another Look at the Connection between CAN Signal Ringing & In-Vehicle ECU Identification. , 2021, , .		0
1276	CoSim: An Approach to Calculate Complex Object Similarity. , 2021, , .		0
1277	Feature Selection Criteria for Clustering Based on Support Vectors. , 2021, , .		0
1278	Embedded acoustic fault monitoring for water pumps. , 2021, , .		0
1279	Prediction of wind turbine blades icing based on feature Selection and 1D-CNN-SBiGRU. Multimedia Tools and Applications, 2022, 81, 4365-4385.	3.9	18
1280	FIREFLY-BASED FEATURE SELECTION ALGORITHM METHOD FOR AIR POLLUTION ANALYSIS FOR ZONGULDAK REGION IN TURKEY. Turkish Journal of Engineering, 0, , .	1.2	0

#	ARTICLE	IF	CITATIONS
1281	Distributed Ensemble Feature Selection Framework for High-Dimensional and High-Skewed Imbalanced Big Dataset. , 2021, , .		1
1282	LASSO-based feature selection for improved microbial and microbiome classification. , 2021, , .		5
1283	Supervised Methods for Biomarker Detection from Microarray Experiments. Methods in Molecular Biology, 2022, 2401, 101-120.	0.9	1
1284	ctBuilder: A framework for building pathway crosstalks by combining single cell data with bulk cell data. , 2021, , .		1
1285	Discriminant Feature Selection via Minimizing the Minority-emphasis Regularization to Within-class Matrix for Imbalanced Data. , 2021, , .		0
1287	Prediction of Pile Bearing Capacity Using Opposition-Based Differential Flower Pollination-Optimized Least Squares Support Vector Regression (ODFP-LSSVR). Advances in Civil Engineering, 2022, 2022, 1-25.	0.7	8
1296	Solving Complex Problems in Human Genetics using Nature-Inspired Algorithms Requires Strategies which Exploit Domain-Specific Knowledge. , 0, , 166-180.		0
1300	Differential Evolution-Based Feature Selection: A Niching-Based Multiobjective Approach. IEEE Transactions on Evolutionary Computation, 2023, 27, 296-310.	10.0	26
1301	Predicting Students Performance Using Eye-Gaze Features in an Embodied Learning Environment. , 2022, , .		1
1302	Ensemble-AHTPpred: A Robust Ensemble Machine Learning Model Integrated With a New Composite Feature for Identifying Antihypertensive Peptides. Frontiers in Genetics, 2022, 13, 883766.	2.3	4
1303	The Relevance of Calibration in Machine Learning-Based Hypertension Risk Assessment Combining Photoplethysmography and Electrocardiography. Biosensors, 2022, 12, 289.	4.7	8
1304	Novel Radiomics Features for Automated Detection of Cardiac Abnormality in Patients with Pacemaker. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-8.	1.3	1
1305	Research on rotor system fault diagnosis method based on vibration signal feature vector transfer learning. Engineering Failure Analysis, 2022, 139, 106424.	4.0	14
1306	Feature Selection: A Review and Comparative Study. E3S Web of Conferences, 2022, 351, 01046.	0.5	14
1307	Quality assessment framework to rank software projects. Automated Software Engineering, 2022, 29, .	2.9	1
1308	Identification of Candidate Therapeutic Genes for More Precise Treatment of Esophageal Squamous Cell Carcinoma and Adenocarcinoma. Frontiers in Genetics, 2022, 13, .	2.3	0
1309	Iteratively Re-Weighted method for Sparsity-Inducing Norms. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	3
1310	Automated classification of multi-class sleep stages classification using polysomnography signals: a nine- layer 1D-convolution neural network approach. Multimedia Tools and Applications, 2023, 82, 8049-8091.	3.9	10

#	ARTICLE	IF	CITATIONS
1311	Machine Health Management System Using Moving Average Feature With Bidirectional Long-Short Term Memory. Journal of Computing and Information Science in Engineering, 2023, 23, .	2.7	8
1312	An Information Entropy Embedding Feature Selection Based on Genetic Algorithm. Security and Communication Networks, 2022, 2022, 1-10.	1.5	2
1313	A novel approach for prediction of surface roughness in turning of EN353 steel by RVR-PSO using selected features of VMD along with cutting parameters. Journal of Mechanical Science and Technology, 2022, 36, 2775-2785.	1.5	8
1314	Ensemble Feature Weighting Based on Local Learning and Diversity. Proceedings of the AAAI Conference on Artificial Intelligence, 2012, 26, 1019-1025.	4.9	6
1315	Multivariate Feature Ranking With High-Dimensional Data for Classification Tasks. IEEE Access, 2022, 10, 60421-60437.	4.2	2
1316	Transfer learning for motor imagery based brain-computer interfaces: A tutorial. Neural Networks, 2022, 153, 235-253.	5.9	32
1317	A General Framework for Class Label Specific Mutual Information Feature Selection Method. IEEE Transactions on Information Theory, 2022, 68, 7996-8014.	2.4	3
1318	A Content Analysis of the Research Approaches in Music Genre Recognition. , 2022, , .		0
1319	Mental Stress Assessment Using Ultra Short Term HRV Analysis Based on Non-Linear Method. Biosensors, 2022, 12, 465.	4.7	20
1320	Diagnosis and Prognosis of COVID-19 Disease Using Routine Blood Values and LogNet Neural Network. Sensors, 2022, 22, 4820.	3.8	21
1321	Neural network input feature selection using structured ℓ_2 norm penalization. Applied Intelligence, 0, , .	5.3	0
1322	An Intelligent Time Series Model Based on Hybrid Methodology for Forecasting Concentrations of Significant Air Pollutants. Atmosphere, 2022, 13, 1055.	2.3	1
1323	A novel random multi-subspace based ReliefF for feature selection. Knowledge-Based Systems, 2022, 252, 109400.	7.1	18
1324	Infant birth weight estimation and low birth weight classification in United Arab Emirates using machine learning algorithms. Scientific Reports, 2022, 12, .	3.3	13
1325	Dependence Guided Unsupervised Feature Selection. Proceedings of the AAAI Conference on Artificial Intelligence, 2018, 32, .	4.9	37
1326	Feature Selection at the Discrete Limit. Proceedings of the AAAI Conference on Artificial Intelligence, 2014, 28, .	4.9	32
1327	Emotion recognition in speech signal: experimental study, development, and application. , 0, , .		115
1328	Assessment of Feature Selection for Context Awareness RF Sensing Systems. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
1330	Hybrid Feature Selection using Shapley Value and ReliefF for Medical Datasets. , 2022, , .		0
1331	An Secure and Effective Copy Move Detection Based on Pretrained Model. , 2022, , .		1
1332	Improved Carpooling Experience through Improved GPS Trajectory Classification Using Machine Learning Algorithms. Information (Switzerland), 2022, 13, 369.	2.9	2
1333	A novel hybrid approach for feature selection enhancement: COVID-19 case study. Computer Methods in Biomechanics and Biomedical Engineering, 2023, 26, 1183-1197.	1.6	1
1335	FeSA: Automatic Federated Swarm Attestation on Dynamic Large-Scale IoT Devices. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 2954-2969.	5.4	3
1336	A deep learning-based diagnostic tool for identifying various diseases via facial images. Digital Health, 2022, 8, 205520762211244.	1.8	11
1337	PEA: Practical Private Epistasis Analysis Using MPC. Lecture Notes in Computer Science, 2022, , 320-339.	1.3	0
1338	A Comprehensive Survey on the Process, Methods, Evaluation, and Challenges of Feature Selection. IEEE Access, 2022, 10, 99595-99632.	4.2	9
1339	A Flexible and Noise-insensitive Sparse Regression Based Feature Selection Algorithm. , 2022, , .		0
1340	Sparse Support Vector Machine with Fisher-Regularizer for Data Reduction. , 2022, , .		0
1341	A new improved maximal relevance and minimal redundancy method based on feature subset. Journal of Supercomputing, 2023, 79, 3157-3180.	3.6	7
1342	Development of a Neighborhood Based Adaptive Heterogeneous Oversampling Ensemble Classifier for Imbalanced Binary Class Datasets. Lecture Notes in Networks and Systems, 2023, , 353-361.	0.7	0
1344	Efficient reconstruction and validation of heterogeneous microstructures for energy applications. International Journal of Energy Research, 2022, 46, 22757-22771.	4.5	6
1345	A message passing framework with multiple data integration for miRNA-disease association prediction. Scientific Reports, 2022, 12, .	3.3	0
1346	Harnessing structural stochasticity in the computational discovery and design of microstructures. Materials and Design, 2022, 223, 111223.	7.0	10
1347	Improving insurers's loss reserve error prediction: Adopting combined unsupervised-supervised machine learning techniques in risk management. Journal of Finance and Data Science, 2022, 8, 233-254.	3.2	2
1348	Identifying predictors of analyst rating quality: An ensemble feature selection approach. International Journal of Forecasting, 2023, 39, 1853-1873.	6.5	1
1349	Cross-domain feature selection and diagnosis of oil and gas pipeline defects based on transfer learning. Engineering Failure Analysis, 2023, 143, 106876.	4.0	2

#	ARTICLE	IF	CITATIONS
1350	A hybrid deep feature selection framework for emotion recognition from human speeches. Multimedia Tools and Applications, 2023, 82, 11461-11487.	3.9	2
1351	Machine Learning Sensors for Diagnosis of COVID-19 Disease Using Routine Blood Values for Internet of Things Application. Sensors, 2022, 22, 7886.	3.8	22
1352	Feature Selection via Normalized Dynamic Change of Selected Feature with Class. , 2022, , .		0
1353	Dependency maximization forward feature selection algorithms based on normalized cross-covariance operator and its approximated form for high-dimensional data. Information Sciences, 2022, 617, 416-434.	6.9	6
1354	Examining Cognitive Factors for Alzheimer's Disease Progression Using Computational Intelligence. Healthcare (Switzerland), 2022, 10, 2045.	2.0	6
1355	Change detection of wetland restoration in China's Sanjiang National Nature Reserve using STANet method based on GF-1 and GF-6 images. Ecological Indicators, 2022, 145, 109612.	6.3	4
1356	LED Screen-Based Intelligent Hand Gesture Recognition System. IEEE Sensors Journal, 2022, 22, 24439-24448.	4.7	3
1357	A Hybrid Feature Selection Approach Based on ReliefF-FC-SS Algorithm for Multi-feature Data. , 2022, , .		0
1358	Effects of auxiliary and ancillary data on LULC classification in a heterogeneous environment using optimized random forest algorithm. Earth Science Informatics, 2023, 16, 415-435.	3.2	3
1359	Region Purity-Based Local Feature Selection: A Multiobjective Perspective. IEEE Transactions on Evolutionary Computation, 2023, 27, 787-801.	10.0	8
1360	Camera-Based Blood Pressure Estimation via Windkessel Model and Waveform Features. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-13.	4.7	2
1361	A Novel Selective Ensemble Learning Method for Smartphone Sensor-Based Human Activity Recognition Based on Hybrid Diversity Enhancement and Improved Binary Glowworm Swarm Optimization. IEEE Access, 2022, 10, 125027-125041.	4.2	2
1362	AI-Powered Measurement of Ultrasonic Axial-Transmission Velocity for Pediatric Skeletal Development Evaluation. , 2022, , .		0
1363	Effective Attribute Selection for Multi-dimensional Root Cause Analysis. , 2022, , .		0
1364	Cost-based Feature Selection for Network Model Choice. Journal of Computational and Graphical Statistics, 2023, 32, 1109-1118.	1.7	1
1365	Application of <scp>data-driven</scp> techniques for landslide susceptibility prediction along an earthquake-affected road section in Kashmir Himalaya. Geological Journal, 2023, 58, 849-882.	1.3	2
1366	Major and trace mineral composition of milk from lactating women following vegan, vegetarian and omnivore diets. British Journal of Nutrition, 2023, 130, 1005-1012.	2.3	3
1367	Understanding detour behavior in taxi services: A combined approach. Transportation Research Part C: Emerging Technologies, 2022, 145, 103950.	7.6	2

#	ARTICLE	IF	CITATIONS
1368	A two-stage transformer fault diagnosis method based multi-filter interactive feature selection integrated adaptive sparrow algorithm optimised support vector machine. IET Electric Power Applications, 2023, 17, 341-357.	1.8	2
1369	A Robust Computer-Aided Automated Brain Tumor Diagnosis Approach Using PSO-Relief Optimized Gaussian and Non-Linear Feature Space. Life, 2022, 12, 2036.	2.4	1
1370	Auto-encoder-based algorithm for the selection of key characteristics for products to reduce inspection efforts. International Journal of Quality and Reliability Management, 2022, ahead-of-print, .	2.0	0
1371	A Comparison of Feature Construction Methods in the Context of Supervised Feature Selection for Classification. Lecture Notes in Networks and Systems, 2023, , 48-59.	0.7	0
1372	Efficient Feature Selection Algorithm for Gene Classification. Communications in Computer and Information Science, 2022, , 165-189.	0.5	0
1373	Automatic diagnosis of ureteral stone and degree of hydronephrosis with proposed convolutional neural network, <scp>ReliefF</scp>, and gradient-weighted class activation mapping based deep hybrid model. International Journal of Imaging Systems and Technology, 2023, 33, 760-769.	4.1	5
1374	HMDE-EFS: A homogeneous distributed ensemble feature selection framework based on resampling with/without replacement. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	0
1375	Fault diagnosis for overcharge and undercharge conditions in refrigeration systems using infrared thermal images. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024, 238, 837-850.	2.5	2
1376	Feature Selection Using Diversity-Based Multi-objective Binary Differential Evolution. Information Sciences, 2023, 626, 586-606.	6.9	20
1377	Identification of Stripe Rust and Leaf Rust on Different Wheat Varieties Based on Image Processing Technology. Agronomy, 2023, 13, 260.	3.0	3
1378	Watershed prioritization and decision-making based on weighted sum analysis, feature ranking, and machine learning techniques. Arabian Journal of Geosciences, 2023, 16, .	1.3	1
1379	EEG based classification of children with learning disabilities using shallow and deep neural network. Biomedical Signal Processing and Control, 2023, 82, 104553.	5.7	7
1380	MetaAnalyst: a user-friendly tool for metagenomic biomarker detection and phenotype classification. BMC Medical Research Methodology, 2022, 22, .	3.1	2
1381	Weld bead segmentation using RealSense depth camera based on 3D global features and texture features of subregions. Signal, Image and Video Processing, 0, , .	2.7	0
1382	An in-depth and contrasting survey of meta-heuristic approaches with classical feature selection techniques specific to cervical cancer. Knowledge and Information Systems, 2023, 65, 1881-1934.	3.2	2
1383	Intelligent fault diagnosis for rail transit switch machine based on adaptive feature selection and improved LightGBM. Engineering Failure Analysis, 2023, 148, 107219.	4.0	27
1385	Virtual Reality Campuses as New Educational Metaverses. IEICE Transactions on Information and Systems, 2023, E106.D, 93-100.	0.7	2
1386	Feature Selection and Recognition Based on SAR Image. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
1387	Multiple Feature Selection Frameworks Based on Evolutionary Computing and Ensemble Learning for Software Defect Prediction. , 2022, , .		1
1388	A Novel Proposal for Deep Learning-Based Diabetes Prediction: Converting Clinical Data to Image Data. Diagnostics, 2023, 13, 796.	2.6	8
1389	Machine Learning-Based Hybrid Models forÂTrend Forecasting inÂFinancial Instruments. Lecture Notes in Networks and Systems, 2023, , 337-353.	0.7	0
1390	A Novel Feature Selection Strategy Based on Salp Swarm Algorithm for Plant Disease Detection. Plant Phenomics, 2023, 5, .	5.9	5
1391	Study on the efficiency of methods for selecting a splitting attribute for constructing decision trees. AIP Conference Proceedings, 2023, , .	0.4	1
1393	Electroencephalogram-Based Major Depressive Disorder Classification Using Convolutional Neural Network and Transfer Learning. , 2023, 18, 207-214.		3
1394	Prediction of Coronary Artery Disease Using Machine Learning Techniques with Iris Analysis. Diagnostics, 2023, 13, 1081.	2.6	6
1395	Apk2Audio4AndMal: Audio Based Malware Family Detection Framework. IEEE Access, 2023, 11, 27527-27535.	4.2	1
1396	Efficient prediction of early-stage diabetes using XGBoost classifier with random forest feature selection technique. Multimedia Tools and Applications, 2023, 82, 34163-34181.	3.9	4
1397	The load-haul-dump operation cycle recognition based on multi-sensor feature selection and bidirectional long short-term memory network. Measurement and Control, 0, , 002029402311615.	1.8	0
1398	Hierarchical online streaming feature selection based on adaptive ReliefF. , 2022, , .		1
1399	Feature Selection onÂEpistatic Problems Using Genetic Algorithms withÂNested Classifiers. Lecture Notes in Computer Science, 2023, , 656-671.	1.3	1
1400	Classification of lemon quality using hybrid model based on Stacked AutoEncoder and convolutional neural network. European Food Research and Technology, 2023, 249, 1655-1667.	3.3	3
1401	Filtre modelli Â±znitelik seÂ±sim algoritmalarÂ±nÂ±n EEG tabanlÂ± beyin bilgisayar arayÂ±4zÂ±4 sistemindeki karÂ±YÂ±laÂ±YtÂ±rmalÂ± sÂ±nÂ±flandÂ±rma performanslarÂ±. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.8	0
1402	Diversity improvement in homogeneous ensemble feature selection: a case study of its impact on classification performance. Neural Computing and Applications, 0, , .	5.6	0
1403	Image processing-based classification of pavement fatigue severity using extremely randomized trees, deep neural network, and convolutional neural network. International Journal of Pavement Engineering, 2023, 24, .	4.4	0
1405	A Novel Deep Transfer Learning-Based Approach for Automated Pes Planus Diagnosis Using X-ray Image. Diagnostics, 2023, 13, 1662.	2.6	0
1407	Deep Radiomics Features of Median Nerves for Automated Diagnosis of Carpal Tunnel Syndrome With Ultrasound Images: A MultiÂ±Center Study. Journal of Ultrasound in Medicine, 2023, 42, 2257-2268.	1.7	2

#	ARTICLE	IF	CITATIONS
1408	A New Multi-objective Hybrid Gene Selection Algorithm for Tumor Classification Based on Microarray Gene Expression Data. International Journal of Computational Intelligence and Applications, 2023, 22, .	0.8	1
1409	Bio-Inspired Feature Selection Algorithms With Their Applications: A Systematic Literature Review. IEEE Access, 2023, 11, 43733-43758.	4.2	4
1410	A Novel Hybrid Runge Kutta Optimizer with Support Vector Machine on Gene Expression Data for Cancer Classification. Diagnostics, 2023, 13, 1621.	2.6	1
1411	Real-time stress detection from smartphone sensor data using genetic algorithm-based feature subset optimization and k-nearest neighbor algorithm. Multimedia Tools and Applications, 2024, 83, 1-32.	3.9	1
1412	Application of novel DIRF feature selection algorithm for automated brain disease detection. Biomedical Signal Processing and Control, 2023, 85, 105006.	5.7	1
1413	Analysis of region of interest (RoI) of brain for detection of depression using EEG signal. Multimedia Tools and Applications, 2024, 83, 763-786.	3.9	2
1414	DalgacÄ±k Paket DÄ¶nÄ¼Ä¼mÄ¼, ReliefF Ä±zellik SeÄ±imi ve Topluluk Ä±Ä¶renme AlgoritmasÄ± Tabanlı Bir KÄ±smi DeÄ¶arj ArÄ±zasÄ± Tespit YÄ¶ntemi. FÄ±rat Ä±eniversitesi MÄ¼hendislik Bilimleri Dergisi, 0, , .	0.5	0
1415	VARYASYONEL MOD AYRIÄ±TIRMA SIYLA Ä±KSÄ±RÄ±K SESLERÄ±NDEN KOVÄ±D-19 TESPÄ±TÄ±. , 2023, 11, 354-369.		0
1416	A high-quality feature selection method based on frequent and correlated items for text classification. Soft Computing, 2023, 27, 11259-11274.	3.6	6
1417	Application of Feature Selection Methods for Improving Classification Accuracy and Run-Time: A Comparison of Performance on Real-World Datasets. , 2023, , .		0
1418	Acoustic Emission Cluster Analysis of Composite Laminates with Different Interfacial Fiber Orientations Based on Gaussian Mixture Model. Russian Journal of Nondestructive Testing, 2023, 59, 276-291.	0.9	0
1419	<scp>COVID</scp>â±19 associated oral and oropharyngeal microbiome: Systematic review and metaâ±analysis. Periodontology 2000, 0, , .	13.4	3
1420	Research on Fault Diagnosis of HVAC Systems Based on the ReliefF-RFECV-SVM Combined Model. Actuators, 2023, 12, 242.	2.3	4
1421	Areca Yellow Leaf Disease Severity Monitoring Using UAV-Based Multispectral and Thermal Infrared Imagery. Remote Sensing, 2023, 15, 3114.	4.0	0
1422	A Method Based on NGO-HKELM for the Autonomous Diagnosis of Semiconductor Power Switch Open-Circuit Faults in Three-Phase Grid-Connected Photovoltaic Inverters. Sustainability, 2023, 15, 9588.	3.2	0
1423	Neuro-Fuzzy-Based Supervised Feature Selection: An Embedded Approach. Lecture Notes in Networks and Systems, 2023, , 685-695.	0.7	0
1424	HB DFA: An intelligent nature-inspired computing with high-dimensional data analytics. Multimedia Tools and Applications, 2024, 83, 11573-11592.	3.9	1
1425	A Novel Approach for Cardiotocography Paper Digitization and Classification for Abnormality Detection. IEEE Access, 2023, 11, 42521-42533.	4.2	0

#	ARTICLE	IF	CITATIONS
1426	Gene Selection Based on XGBoost and GWO for Microarray Data Classification. , 2022, , .		0
1427	Detection and evaluation of load oscillations in induction motors based on MCSA. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892311720.	2.5	0
1428	Parameters Sensitivity Analysis of Ant Colony Based Clustering: Application for Student Grouping in Collaborative Learning Environment. IEEE Access, 2024, 12, 24751-24761.	4.2	0
1429	Moth-flame optimization based deep feature selection for facial expression recognition using thermal images. Multimedia Tools and Applications, 2024, 83, 11299-11322.	3.9	0
1430	Smartphone User Identification/Authentication Using Accelerometer and Gyroscope Data. Sustainability, 2023, 15, 10456.	3.2	0
1431	Mean based relief: An improved feature selection method based on ReliefF. Applied Intelligence, 2023, 53, 23004-23028.	5.3	3
1432	ACAM-Agro-farm crop analysis & management. AIP Conference Proceedings, 2023, , .	0.4	0
1433	A filter feature selection for high-dimensional data. Journal of Algorithms and Computational Technology, 2023, 17, .	0.7	4
1434	Radiomics approaches to predict PD-L1 and PFS in advanced non-small cell lung patients treated with immunotherapy: a multi-institutional study. Scientific Reports, 2023, 13, .	3.3	4
1435	Feature subset selection for data and feature streams: a review. Artificial Intelligence Review, 2023, 56, 1011-1062.	15.7	1
1436	Online feature selection for hierarchical classification learning based on improved ReliefF. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	0
1437	GAAMmf: genetic algorithm with aggressive mutation and decreasing feature set for feature selection. Genetic Programming and Evolvable Machines, 2023, 24, .	2.2	0
1438	RF Fingerprint-based Identity Verification in the Presence of an SEI Mimicking Adversary. , 2023, , .		0
1439	Spectral Detection of Peanut Southern Blight Severity Based on Continuous Wavelet Transform and Machine Learning. Agriculture (Switzerland), 2023, 13, 1504.	3.1	3
1440	LSGP-USFNet: Automated Attention Deficit Hyperactivity Disorder Detection Using Locations of Sophie Germain's Primes on Ulam's Spiral-Based Features with Electroencephalogram Signals. Sensors, 2023, 23, 7032.	3.8	2
1441	Uncertainty-Based Feature Selection for Improved Adequacy of Dermoscopic Image Classification. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-9.	4.7	0
1442	Microarray Gene Expression Data Classification via Wilcoxon Sign Rank Sum and Novel Grey Wolf Optimized Ensemble Learning Models. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 3575-3587.	3.0	1
1443	Analysis of the Mass Value Change for Housing at the Urban Scale Using Machine Learning Algorithms. Tâ¼rkiye Arazi Yâ¶netimi Dergisi, 2023, 5, 66-77.	1.0	0

#	ARTICLE	IF	CITATIONS
1444	In-Vehicle ECU Identification and Intrusion Detection from Electrical Signaling. , 2023, , 453-483.		0
1445	A Machine Learning Pipeline for Cancer Detection on Microarray Data: The Role of Feature Discretization and Feature Selection. BioMedInformatics, 2023, 3, 585-604.	2.0	2
1446	Assessing landslide susceptibility based on hybrid multilayer perceptron with ensemble learning. Bulletin of Engineering Geology and the Environment, 2023, 82, .	3.5	1
1447	TRF-WGHCâ€™Top-Ranking filter and wrapper-based greedy hill-climbing gene selection for microarray-based cancer classification. Biomedical Signal Processing and Control, 2023, 86, 105309.	5.7	0
1448	A multistart tabu search-based method for feature selection in medical applications. Scientific Reports, 2023, 13, .	3.3	0
1449	Feature selection for regression tasks base on explainable artificial intelligence procedures. , 2023, , .		0
1450	Filter-based feature selection methods in the presence of missing data for medical prediction models. Multimedia Tools and Applications, 2024, 83, 24187-24216.	3.9	0
1451	Analysis of neuropsychological and neuroradiological features for diagnosis of Alzheimer's disease and mild cognitive impairment. International Journal of Medical Informatics, 2023, 178, 105195.	3.3	0
1452	A novel caps-EEGNet combined with channel selection for EEG-based emotion recognition. Biomedical Signal Processing and Control, 2023, 86, 105312.	5.7	1
1453	Enhancing the performance of kNN for glass identification dataset using inverse distance weight, ReliefF ranking and SMOTE. AIP Conference Proceedings, 2023, , .	0.4	0
1454	Gene Selection for High-Dimensional Imbalanced Biomedical Data Based on Marine Predators Algorithm and Evolutionary Population Dynamics. Arabian Journal for Science and Engineering, 2024, 49, 3935-3961.	3.0	1
1455	A novel grey wolf optimization algorithm based on geometric transformations for gene selection and cancer classification. Journal of Supercomputing, 2024, 80, 4808-4840.	3.6	0
1456	Hybrid Subset Feature Selection And Importance Framework. , 2023, , .		0
1457	Multimodal deep learning for chronic kidney disease prediction: leveraging feature selection algorithms and ensemble models. International Journal of Computers and Applications, 2023, 45, 647-659.	1.3	0
1458	Natural language processing of referral letters improves machine learning-based triaging of patients with low back pain to the most appropriate intervention (Preprint). Journal of Medical Internet Research, 0, , .	4.3	0
1459	Lithological Mapping Research Based on Feature Selection Model of ReliefF-RF. Applied Sciences (Switzerland), 2023, 13, 11225.	2.5	0
1460	Modeling of farmersâ€™ production performance portrait based on GASA-WFCM clustering. Computers and Electronics in Agriculture, 2023, 214, 108320.	7.7	0
1461	A Swarm Intelligence Assisted IoT-Based Activity Recognition System for Basketball Rookies. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, , 1-13.	4.9	1

#	ARTICLE	IF	CITATIONS
1462	Feature Selection Techniques on Breast Cancer Classification Using Fine Needle Aspiration Features: A Comparative Study. Lecture Notes in Computer Science, 2024, , 568-582.	1.3	0
1463	HLEL: A wetland classification algorithm with self-learning capability, taking the Sanjiang Nature Reserve I as an example. Journal of Hydrology, 2023, 627, 130446.	5.4	0
1464	The relationship between hotel star rating and website information quality based on visual presentation. PLoS ONE, 2023, 18, e0290629.	2.5	0
1465	Exploring SLUG: Feature Selection Using Genetic Algorithms and Genetic Programming. SN Computer Science, 2024, 5, .	3.6	0
1466	Electric submersible pump anomaly monitoring based on unsupervised multivariate streaming data analysis. , 2023, , .		0
1467	Finding a needle in a haystack: insights on feature selection for classification tasks. Journal of Intelligent Information Systems, 0, , .	3.9	0
1468	A Feature Selection Technique Using Self-Organizing Maps for Software Defect Prediction. Transactions on Computer Systems and Networks, 2024, , 169-184.	0.7	0
1469	Deep Learning Based Feature Selection and Ensemble Learning for Sintering State Recognition. Sensors, 2023, 23, 9217.	3.8	1
1470	Potato late blight severity monitoring based on the relief-mRmR algorithm with dual-drone cooperation. Computers and Electronics in Agriculture, 2023, 215, 108438.	7.7	0
1471	Imbalance-Aware Data Based on Multi-Criteria Decision Making Integrated Feature Selection Algorithm. Journal of Sensor Technology and Application, 2023, 11, 538-549.	0.1	0
1472	An incremental feature selection approach for dynamic feature variation. Neurocomputing, 2024, 570, 127138.	5.9	0
1473	Extracting Citrus-Growing Regions by Multiscale UNet Using Sentinel-2 Satellite Imagery. Remote Sensing, 2024, 16, 36.	4.0	0
1474	A Comparative Study on Different Feature Selection Methods for Malaria Detection. , 2023, , .		0
1475	A novel multivariate combined power load forecasting system based on feature selection and multi-objective intelligent optimization. Expert Systems With Applications, 2024, 244, 122970.	7.6	0
1476	Drug-Protein Interactions Prediction Models Using Feature Selection and Classification Techniques. Current Drug Metabolism, 2023, 24, 817-834.	1.2	0
1477	Feature Selection Based on Intrusive Outliers Rather Than All Instances. IEEE Transactions on Image Processing, 2024, 33, 809-824.	9.8	0
1478	Embedded EEG Feature Selection for Multi-Dimension Emotion Recognition via Local and Global Label Relevance. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2024, 32, 514-526.	4.9	0
1479	Vibration nonstationary representation of the railway vehicle's gear system considering spalling failure under variable speed conditions: Numerical modeling and field testing. Engineering Failure Analysis, 2024, 158, 107980.	4.0	0

#	ARTICLE	IF	CITATIONS
1480	Local sparse discriminative feature selection. Information Sciences, 2024, 662, 120214.	6.9	0
1481	Acoustical feature analysis and optimization for aesthetic recognition of Chinese traditional music. Eurasip Journal on Audio, Speech, and Music Processing, 2024, 2024, .	2.1	0
1482	Condition Rating Prediction for Highway Bridge Based on Elman Neural Networks and Markov Chains. Applied Sciences (Switzerland), 2024, 14, 1444.	2.5	0
1483	Analysis of Different Variants of Relief Based Algorithms for Feature Selection in Medical Applications. , 2023, , .		0
1484	Improved Filter-Based Feature Selection Using Correlation and Clustering Techniques. Lecture Notes in Computer Science, 2024, , 379-389.	1.3	0
1485	Supervised Feature Selection via Quadratic Surface Regression with $l_{2,1}$ -Norm Regularization. Annals of Data Science, 2024, 11, 647-675.	3.2	0
1486	Innovative application of artificial neural networks for effective rotational shaft crack localization. FME Transactions, 2024, 52, 103-114.	1.4	0
1487	A relief-TOPSIS based feature selection for high-dimensional data. AIP Conference Proceedings, 2024, , .	0.4	0
1488	An adaptive hybrid african vultures-aquila optimizer with Xgb-Tree algorithm for fake news detection. Journal of Big Data, 2024, 11, .	11.0	0
1489	Variable selection in Bayesian multiple instance regression using shotgun stochastic search. Computational Statistics and Data Analysis, 2024, 196, 107954.	1.2	0
1490	Robustness and Predictive Performance of Homogeneous Ensemble Feature Selection in Text Classification. , 2023, , 1377-1393.		0