

Michal Wozniak

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7250797/michal-wozniak-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

228
papers

3,513
citations

26
h-index

55
g-index

268
ext. papers

4,345
ext. citations

2.3
avg, IF

6.27
L-index

#	Paper	IF	Citations
228	A survey of multiple classifier systems as hybrid systems. <i>Information Fusion</i> , 2014 , 16, 3-17	16.7	611
227	Ensemble learning for data stream analysis: A survey. <i>Information Fusion</i> , 2017 , 37, 132-156	16.7	473
226	A survey on data preprocessing for data stream mining: Current status and future directions. <i>Neurocomputing</i> , 2017 , 239, 39-57	5.4	199
225	Cost-sensitive decision tree ensembles for effective imbalanced classification. <i>Applied Soft Computing Journal</i> , 2014 , 14, 554-562	7.5	186
224	Analyzing the oversampling of different classes and types of examples in multi-class imbalanced datasets. <i>Pattern Recognition</i> , 2016 , 57, 164-178	7.7	129
223	Clustering-based ensembles for one-class classification. <i>Information Sciences</i> , 2014 , 264, 182-195	7.7	92
222	Soft computing methods applied to combination of one-class classifiers. <i>Neurocomputing</i> , 2012 , 75, 185-193	5.4	59
221	On the usefulness of one-class classifier ensembles for decomposition of multi-class problems. <i>Pattern Recognition</i> , 2015 , 48, 3969-3982	7.7	52
220	Radial-Based oversampling for noisy imbalanced data classification. <i>Neurocomputing</i> , 2019 , 343, 19-33	5.4	51
219	Diversity measures for one-class classifier ensembles. <i>Neurocomputing</i> , 2014 , 126, 36-44	5.4	51
218	One-class classifiers with incremental learning and forgetting for data streams with concept drift. <i>Soft Computing</i> , 2015 , 19, 3387-3400	3.5	50
217	Optimization of Multicast Traffic in Elastic Optical Networks With Distance-Adaptive Transmission. <i>IEEE Communications Letters</i> , 2014 , 18, 2117-2120	3.8	45
216	A hybrid decision tree training method using data streams. <i>Knowledge and Information Systems</i> , 2011 , 29, 335-347	2.4	42
215	Algorithm of designing compound recognition system on the basis of combining classifiers with simultaneous splitting feature space into competence areas. <i>Pattern Analysis and Applications</i> , 2009 , 12, 415-425	2.3	40
214	Recent trends in intelligent data analysis. <i>Neurocomputing</i> , 2014 , 126, 1-2	5.4	38
213	Nearest Neighbor Classification for High-Speed Big Data Streams Using Spark. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2727-2739	7.3	38
212	Fault diagnosis of marine 4-stroke diesel engines using a one-vs-one extreme learning ensemble. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 57, 134-141	7.2	38

211	Dynamic ensemble selection for multi-class classification with one-class classifiers. <i>Pattern Recognition</i> , 2018 , 83, 34-51	7.7	38
210	Improved adaptive splitting and selection: the hybrid training method of a classifier based on a feature space partitioning. <i>International Journal of Neural Systems</i> , 2014 , 24, 1430007	6.2	34
209	CCR: A combined cleaning and resampling algorithm for imbalanced data classification. <i>International Journal of Applied Mathematics and Computer Science</i> , 2017 , 27, 727-736	1.7	32
208	A hybrid cost-sensitive ensemble for imbalanced breast thermogram classification. <i>Artificial Intelligence in Medicine</i> , 2015 , 65, 219-27	7.4	30
207	Dynamic classifier selection for one-class classification. <i>Knowledge-Based Systems</i> , 2016 , 107, 43-53	7.3	28
206	Active learning approach to concept drift problem. <i>Logic Journal of the IGPL</i> , 2012 , 20, 550-559	1	27
205	Combined Cleaning and Resampling algorithm for multi-class imbalanced data with label noise. <i>Knowledge-Based Systems</i> , 2020 , 204, 106223	7.3	27
204	Designing Fusers on the Basis of Discriminants [Evolutionary and Neural Methods of Training. <i>Lecture Notes in Computer Science</i> , 2010 , 590-597	0.9	26
203	A Survey of Big Data Issues in Electronic Health Record Analysis. <i>Applied Artificial Intelligence</i> , 2016 , 30, 497-520	2.3	25
202	Preprocessed dynamic classifier ensemble selection for highly imbalanced drifted data streams. <i>Information Fusion</i> , 2021 , 66, 138-154	16.7	25
201	Monotonic classification: An overview on algorithms, performance measures and data sets. <i>Neurocomputing</i> , 2019 , 341, 168-182	5.4	24
200	On the Influence of Class Noise in Medical Data Classification: Treatment Using Noise Filtering Methods. <i>Applied Artificial Intelligence</i> , 2016 , 30, 590-609	2.3	24
199	Radial-Based Oversampling for Multiclass Imbalanced Data Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2818-2831	10.3	23
198	Multidimensional data classification with chordal distance based kernel and Support Vector Machines. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 46, 10-22	7.2	22
197	Method of classifier selection using the genetic approach. <i>Expert Systems</i> , 2010 , 27, 114-128	2.1	22
196	Some Remarks on Chosen Methods of Classifier Fusion Based on Weighted Voting. <i>Lecture Notes in Computer Science</i> , 2009 , 541-548	0.9	22
195	Advanced Machine Learning techniques for fake news (online disinformation) detection: A systematic mapping study. <i>Applied Soft Computing Journal</i> , 2021 , 101, 107050	7.5	22
194	Automatic diagnosis of primary headaches by machine learning methods. <i>Open Medicine (Poland)</i> , 2013 , 8, 157-165	2.2	21

193	Combined classifier based on feature space partitioning. <i>International Journal of Applied Mathematics and Computer Science</i> , 2012 , 22, 855-866	1.7	18
192	Data stream classification and big data analytics. <i>Neurocomputing</i> , 2015 , 150, 238-239	5.4	17
191	Untrained weighted classifier combination with embedded ensemble pruning. <i>Neurocomputing</i> , 2016 , 196, 14-22	5.4	17
190	Classifier Selection for Highly Imbalanced Data Streams with Minority Driven Ensemble. <i>Lecture Notes in Computer Science</i> , 2019 , 626-635	0.9	16
189	Instance reduction for one-class classification. <i>Knowledge and Information Systems</i> , 2019 , 59, 601-628	2.4	16
188	Optimizing distributed computing systems for k-nearest neighbours classifiers—evolutionary approach. <i>Logic Journal of the IGPL</i> , 2011 , 19, 357-372	1	16
187	Neural Models for Imputation of Missing Ozone Data in Air-Quality Datasets. <i>Complexity</i> , 2018 , 2018, 1-14	1.6	15
186	Combining Diverse One-Class Classifiers. <i>Lecture Notes in Computer Science</i> , 2012 , 590-601	0.9	15
185	Sentiment Analysis for Fake News Detection by Means of Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 653-666	0.9	15
184	How to design the fair experimental classifier evaluation. <i>Applied Soft Computing Journal</i> , 2021 , 104, 107219	7.5	15
183	Ensemble of Extreme Learning Machines with trained classifier combination and statistical features for hyperspectral data. <i>Neurocomputing</i> , 2018 , 271, 28-37	5.4	14
182	Cost-sensitive methods of constructing hierarchical classifiers. <i>Expert Systems</i> , 2010 , 27, 146-155	2.1	14
181	Data stream classification using active learned neural networks. <i>Neurocomputing</i> , 2019 , 353, 74-82	5.4	13
180	Incremental weighted one-class classifier for mining stationary data streams. <i>Journal of Computational Science</i> , 2015 , 9, 19-25	3.4	13
179	Cost-Sensitive Neural Network with ROC-Based Moving Threshold for Imbalanced Classification. <i>Lecture Notes in Computer Science</i> , 2015 , 45-52	0.9	13
178	Weighted one-class classification for different types of minority class examples in imbalanced data 2014 ,		12
177	Combining classifiers under probabilistic models: experimental comparative analysis of methods. <i>Expert Systems</i> , 2012 , 29, 374-393	2.1	12
176	Optimization of overlay distributed computing systems for multiple classifier system—heuristic approach. <i>Logic Journal of the IGPL</i> , 2012 , 20, 677-688	1	12

175	The deterministic subspace method for constructing classifier ensembles. <i>Pattern Analysis and Applications</i> , 2017 , 20, 981-990	2.3	11
174	Tensor-Based Shot Boundary Detection in Video Streams. <i>New Generation Computing</i> , 2017 , 35, 311-340	0.9	11
173	Classifier ensemble for an effective cytological image analysis. <i>Pattern Recognition Letters</i> , 2013 , 34, 1748-1757	4.7	11
172	Designing Cost-Sensitive Ensemble [Genetic Approach. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 227-234		11
171	Weighted Naïve Bayes Classifier with Forgetting for Drifting Data Streams 2015 ,		10
170	Designing combining classifier with trained fuser [Analytical and experimental evaluation 2010 ,		10
169	Machine Learning Methods for Fake News Classification. <i>Lecture Notes in Computer Science</i> , 2019 , 332-339	1.9	10
168	Experiments on Linear Combiners. <i>Advances in Soft Computing</i> , 2008 , 445-452		10
167	Active Learning Classification of Drifted Streaming Data. <i>Procedia Computer Science</i> , 2016 , 80, 1724-1733	1.6	10
166	Proposition of common classifier construction for pattern recognition with context task. <i>Knowledge-Based Systems</i> , 2006 , 19, 617-624	7.3	9
165	Comparable Study of Statistical Tests for Virtual Concept Drift Detection. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 329-337	0.4	9
164	Fake News Detection from Data Streams 2020 ,		9
163	Combining active learning with concept drift detection for data stream mining 2018 ,		9
162	Imbalanced Data Classification Based on Feature Selection Techniques. <i>Lecture Notes in Computer Science</i> , 2018 , 296-303	0.9	9
161	Joint optimization of multicast and unicast flows in elastic optical networks 2015 ,		8
160	Experiments with Trained and Untrained Fusers. <i>Advances in Intelligent and Soft Computing</i> , 2007 , 144-150		8
159	Experiments on Classifiers Obtained Via Decision Tree Induction Methods with Different Attribute Acquisition Cost Limit. <i>Advances in Intelligent and Soft Computing</i> , 2007 , 371-377		8
158	Cost-Sensitive Splitting and Selection Method for Medical Decision Support System. <i>Lecture Notes in Computer Science</i> , 2012 , 850-857	0.9	8

157	A cost-sensitive ensemble classifier for breast cancer classification 2013 ,		7
156	Proposition of Boosting Algorithm for Probabilistic Decision Support System. <i>Lecture Notes in Computer Science</i> , 2004 , 675-678	0.9	7
155	Vehicle Logo Recognition with an Ensemble of Classifiers. <i>Lecture Notes in Computer Science</i> , 2014 , 117-126		7
154	Hypertension Type Classification Using Hierarchical Ensemble of One-Class Classifiers for Imbalanced Data. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 341-349	0.4	7
153	Complexity and Multithreaded Implementation Analysis of One Class-Classifiers Fuzzy Combiner. <i>Lecture Notes in Computer Science</i> , 2011 , 237-244	0.9	7
152	Hybrid Intelligent Model to Predict the Remifentanyl Infusion Rate in Patients Under General Anesthesia. <i>Logic Journal of the IGPL</i> , 2021 , 29, 193-206	1	7
151	Wagging for Combining Weighted One-class Support Vector Machines. <i>Procedia Computer Science</i> , 2015 , 51, 1565-1573	1.6	6
150	Hybrid Classifiers. <i>Studies in Computational Intelligence</i> , 2014 ,	0.8	6
149	An Improved Vehicle Logo Recognition Using a Classifier Ensemble Based on Pattern Tensor Representation and Decomposition. <i>New Generation Computing</i> , 2015 , 33, 389-408	0.9	6
148	Incremental Learning and Forgetting in One-Class Classifiers for Data Streams. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 319-328	0.4	6
147	Combining one-class classifiers for imbalanced classification of breast thermogram features 2013 ,		6
146	Accuracy and diversity in classifier selection for one-class classification ensembles 2013 ,		6
145	Combined Classifiers with Neural Fuser for Spam Detection. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 245-252	0.4	6
144	Radial-Based Approach to Imbalanced Data Oversampling. <i>Lecture Notes in Computer Science</i> , 2017 , 318-327		6
143	Weighted Aging Classifier Ensemble for the Incremental Drifted Data Streams. <i>Lecture Notes in Computer Science</i> , 2013 , 579-588	0.9	6
142	Classifier Hybridization. <i>Studies in Computational Intelligence</i> , 2014 , 95-140	0.8	6
141	Hellinger Distance Weighted Ensemble for imbalanced data stream classification. <i>Journal of Computational Science</i> , 2021 , 51, 101314	3.4	6
140	Boosted Decision Trees for Diagnosis Type of Hypertension. <i>Lecture Notes in Computer Science</i> , 2005 , 223-230	0.9	6

139	Two-Stage Classifier for Diagnosis of Hypertension Type. <i>Lecture Notes in Computer Science</i> , 2006 , 433-440	6
138	Impact of Fanout and Transmission Reach on Performance of Multicasting in Elastic Optical Networks 2015 ,	5
137	Breast thermogram analysis using a cost-sensitive multiple classifier system 2012 ,	5
136	Evolutionary approach to produce classifier ensemble based on weighted voting 2009 ,	5
135	Hyperspectral Image Analysis Based on Color Channels and Ensemble Classifier. <i>Lecture Notes in Computer Science</i> , 2014 , 274-284	0.9 5
134	Learning Curve in Concept Drift While Using Active Learning Paradigm. <i>Lecture Notes in Computer Science</i> , 2011 , 98-106	0.9 5
133	Application of Combined Classifiers to Data Stream Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 13-23	0.9 5
132	SCR: simulated concept recurrence a non-supervised tool for dealing with shifting concept. <i>Expert Systems</i> , 2017 , 34, e12059	2.1 4
131	Optical networks for cost-efficient and scalable provisioning of big data traffic. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2015 , 30, 15-28	1 4
130	Combined Bayesian Classifiers Applied to Spam Filtering Problem. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 253-260	0.4 4
129	Online query by committee for active learning from drifting data streams 2017 ,	4
128	Different decision tree induction strategies for a medical decision problem. <i>Open Medicine (Poland)</i> , 2012 , 7, 183-193	2.2 4
127	A Genetic-Based Ensemble Learning Applied to Imbalanced Data Classification. <i>Lecture Notes in Computer Science</i> , 2019 , 340-352	0.9 4
126	On Robust Computation of Tensor Classifiers Based on the Higher-Order Singular Value Decomposition. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 193-201	0.4 4
125	Training set selection and swarm intelligence for enhanced integration in multiple classifier systems. <i>Applied Soft Computing Journal</i> , 2020 , 95, 106568	7.5 4
124	Multi Sampling Random Subspace Ensemble for Imbalanced Data Stream Classification. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 360-369	0.4 4
123	A first attempt on evolutionary prototype reduction for nearest neighbor one-class classification 2014 ,	3
122	Influence of Distance Measures on the Effectiveness of One-Class Classification Ensembles. <i>Applied Artificial Intelligence</i> , 2014 , 28, 258-271	2.3 3

121	Accuracy based weighted aging ensemble (AB-WAE) [Algorithm for data stream classification 2017,		3
120	Tensor based representation and analysis of the electronic healthcare record data 2015,		3
119	Combining pattern recognition algorithms chances and limits 2010,		3
118	Employing Decision Templates to Imbalanced Data Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 120-131	0.9	3
117	The Influence of a Classifiers Diversity on the Quality of Weighted Aging Ensemble. <i>Lecture Notes in Computer Science</i> , 2014 , 90-99	0.9	3
116	Evolutionary Cost-Sensitive Ensemble for Malware Detection. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 433-442	0.4	3
115	GRASP Algorithm for Optimization of Grids for Multiple Classifier System. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 137-144		3
114	Multiple Classifier Method for Structured Output Prediction Based on Error Correcting Output Codes. <i>Lecture Notes in Computer Science</i> , 2011 , 333-342	0.9	3
113	Adaptive Splitting and Selection Algorithm for Classification of Breast Cytology Images. <i>Lecture Notes in Computer Science</i> , 2012 , 475-484	0.9	3
112	Handling Label Noise in Microarray Classification with One-Class Classifier Ensemble. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 351-359	0.4	3
111	Artificial Recurrence for Classification of Streaming Data with Concept Shift. <i>Lecture Notes in Computer Science</i> , 2011 , 76-87	0.9	3
110	Data Preprocessing with GPU for DBSCAN Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 793-801	0.4	3
109	Employing dropout regularization to classify recurring drifted data streams 2020,		3
108	Tackling label noise with multi-class decomposition using fuzzy one-class support vector machines 2016,		3
107	Active Learning Classifier for Streaming Data. <i>Lecture Notes in Computer Science</i> , 2016 , 186-197	0.9	3
106	Ensembles of Heterogeneous Concept Drift Detectors - Experimental Study. <i>Lecture Notes in Computer Science</i> , 2016 , 538-549	0.9	3
105	Technical solution to counter potential crime: Text analysis to detect fake news and disinformation. <i>Journal of Computational Science</i> , 2022 , 60, 101576	3-4	3
104	Reacting to different types of concept drift with adaptive and incremental one-class classifiers 2015,		2

103	Novel clustering-based pruning algorithms. <i>Pattern Analysis and Applications</i> , 2020 , 23, 1049-1058	2.3	2
102	Intelligent Methods Applied to Health-Care Information Systems. <i>Applied Artificial Intelligence</i> , 2016 , 30, 495-496	2.3	2
101	On diversity measures for fuzzy one-class classifier ensembles 2013 ,		2
100	APPLICATION OF ADAPTIVE SPLITTING AND SELECTION CLASSIFIER TO THE SPAM FILTERING PROBLEM. <i>Cybernetics and Systems</i> , 2013 , 44, 569-588	1.9	2
99	A novel hyperspectral segmentation algorithm concept and evaluation. <i>Logic Journal of the IGPL</i> , 2015 , 23, 105-120	1	2
98	Algorithms for calculation of candidate trees for efficient multicasting in elastic optical networks 2015 ,		2
97	Experiments on simultaneous combination rule training and ensemble pruning algorithm 2014 ,		2
96	An evaluation of classifier ensembles for class imbalance problems 2013 ,		2
95	LDCnet: Minimizing the cost of supervision for various types of concept drift 2013 ,		2
94	Hybrid Artificial Intelligence Systems. <i>Lecture Notes in Computer Science</i> , 2010 ,	0.9	2
93	Classifier Fusion Based on Weighted Voting - Analytical and Experimental Results 2008 ,		2
92	Strategic redirection via technology commercialization: Preliminary results from defense and space contractors. <i>Journal of High Technology Management Research</i> , 1995 , 6, 77-93	2.4	2
91	Fusers Based on Classifier Response and Discriminant Function [Comparative Study. <i>Lecture Notes in Computer Science</i> , 2008 , 361-368	0.9	2
90	Selective ensemble of classifiers trained on selective samples. <i>Neurocomputing</i> , 2021 , 482, 197-197	5.4	2
89	Case- and Rule-Based Algorithms for the Contextual Pattern Recognition Problem. <i>Lecture Notes in Computer Science</i> , 2003 , 89-98	0.9	2
88	Clustering-Based Ensemble Pruning and Multistage Organization Using Diversity. <i>Lecture Notes in Computer Science</i> , 2019 , 287-298	0.9	2
87	Data Preprocessing for des-knn and Its Application to Imbalanced Medical Data Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 589-599	0.9	2
86	Employing One-Class SVM Classifier Ensemble for Imbalanced Data Stream Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 117-127	0.9	2

85	Optimization Algorithms for One-Class Classification Ensemble Pruning. <i>Lecture Notes in Computer Science</i> , 2014 , 127-136	0.9	2
84	Decision Tree Induction Methods for Distributed Environment. <i>Advances in Intelligent and Soft Computing</i> , 2009 , 201-208		2
83	Adaptive Splitting and Selection Method of Classifier Ensemble Building. <i>Lecture Notes in Computer Science</i> , 2009 , 525-532	0.9	2
82	Pixel-Based Object Detection and Tracking with Ensemble of Support Vector Machines and Extended Structural Tensor. <i>Lecture Notes in Computer Science</i> , 2012 , 104-113	0.9	2
81	Adaptive Splitting and Selection Method for Noninvasive Recognition of Liver Fibrosis Stage. <i>Lecture Notes in Computer Science</i> , 2013 , 215-224	0.9	2
80	A Tensor Framework for Data Stream Clustering and Compression. <i>Lecture Notes in Computer Science</i> , 2017 , 163-173	0.9	2
79	Modeling of Network Computing Systems for Decision Tree Induction Tasks. <i>Lecture Notes in Computer Science</i> , 2009 , 759-766	0.9	2
78	Fusion Methods for the Two Class Recognition Problem – Analytical and Experimental Results. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 135-142		2
77	Data with Shifting Concept Classification Using Simulated Recurrence. <i>Lecture Notes in Computer Science</i> , 2012 , 403-412	0.9	2
76	Pruning One-Class Classifier Ensembles by Combining Sphere Intersection and Consistency Measures. <i>Lecture Notes in Computer Science</i> , 2013 , 426-436	0.9	2
75	Analysis of Diversity Assurance Methods for Combined Classifiers. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 179-186	0.4	2
74	Efficient Computation of the Tensor Chordal Kernels. <i>Procedia Computer Science</i> , 2016 , 80, 1702-1711	1.6	2
73	Vertical and Horizontal Data Partitioning for Classifier Ensemble Learning. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 86-97	0.4	2
72	Application of the Confidence Measure in Knowledge Acquisition Process. <i>Lecture Notes in Computer Science</i> , 2003 , 635-643	0.9	2
71	Paired feature multilayer ensemble – concept and evaluation of a classifier. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 1427-1436	1.6	1
70	Drifted Data Stream Clustering Based on ClusTree Algorithm. <i>Lecture Notes in Computer Science</i> , 2018 , 338-349	0.9	1
69	A framework for image analysis and object recognition in industrial applications with the ensemble of classifiers 2013 ,		1
68	A First Attempt to Construct Effective Concept Drift Detector Ensembles. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 27-34	0.4	1

67	Weighted One-Class Classifier Ensemble Based on Fuzzy Feature Space Partitioning 2014 ,		1
66	Adaptive Splitting and Selection ensemble for breast cancer malignancy grading 2014 ,		1
65	Chosen problems of designing effective Multiple Classifier Systems 2010 ,		1
64	Experiments with Boosted Decision Tree Classifiers 2008 ,		1
63	Performance Analysis of Binarization Strategies for Multi-class Imbalanced Data Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 141-155	0.9	1
62	An analysis of heuristic metrics for classifier ensemble pruning based on ordered aggregation. <i>Pattern Recognition</i> , 2022 , 124, 108493	7.7	1
61	RB-CCR: Radial-Based Combined Cleaning and Resampling algorithm for imbalanced data classification. <i>Machine Learning</i> , 2021 , 110, 3059	4	1
60	Concept of the Knowledge Quality Management for Rule-Based Decision System 2003 , 575-579		1
59	Some Propositions of Information Fusion for Pattern Recognition with Context Task. <i>Lecture Notes in Computer Science</i> , 2005 , 1258-1261	0.9	1
58	Markov Chains Pattern Recognition Approach Applied to the Medical Diagnosis Tasks. <i>Lecture Notes in Computer Science</i> , 2005 , 231-241	0.9	1
57	Experimental Study on Modified Radial-Based Oversampling. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 110-119	0.4	1
56	Cost Sensitive Hierarchical Classifiers for Non-invasive Recognition of Liver Fibrosis Stage. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 639-647	0.4	1
55	A First Attempt on Online Data Stream Classifier Using Context. <i>Lecture Notes in Computer Science</i> , 2016 , 497-504	0.9	1
54	Efficient Real-Time Background Detection Based on the PCA Subspace Decomposition. <i>Lecture Notes in Computer Science</i> , 2017 , 485-496	0.9	1
53	Multivariate Decision Trees vs. Univariate Ones. <i>Advances in Intelligent and Soft Computing</i> , 2009 , 275-284		1
52	Privacy Preserving Models of k-NN Algorithm. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 207-217		1
51	Decentralized Distributed Computing System for Privacy-Preserving Combined Classifiers □ Modeling and Optimization. <i>Lecture Notes in Computer Science</i> , 2011 , 512-525	0.9	1
50	Distributed DBSCAN Algorithm □ Concept and Experimental Evaluation. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 472-480	0.4	1

49	Bayes Multistage Classifier and Boosted C4.5 Algorithm in Acute Abdominal Pain Diagnosis. <i>Advances in Intelligent and Soft Computing</i> , 2009 , 371-378		1
48	Medical Telemetry System for Monitoring and Localization of Patients - Functional Model and Algorithms for Biosignals Processing. <i>International Journal of Electronics and Telecommunications</i> , 2010 , 56, 445-450		1
47	Enhancing Concept Drift Detection with Simulated Recurrence. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 153-162	0.4	1
46	Identifying Features with Concept Drift in Multidimensional Data Using Statistical Tests. <i>Lecture Notes in Computer Science</i> , 2014 , 405-413	0.9	1
45	Combination of Active and Random Labeling Strategy in the Non-stationary Data Stream Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 576-585	0.9	1
44	Hybrid Optimization Method Applied to Adaptive Splitting and Selection Algorithm. <i>Lecture Notes in Computer Science</i> , 2016 , 742-750	0.9	1
43	A new heuristic for influence maximization in social networks. <i>Logic Journal of the IGPL</i> , 2016 , 24, 996-1014		1
42	Application of Multi-objective Optimization to Feature Selection for a Difficult Data Classification Task. <i>Lecture Notes in Computer Science</i> , 2021 , 81-94	0.9	1
41	Proposition of the Quality Measure for the Probabilistic Decision Support System 2003 , 686-691		1
40	How Machine Learning May Prevent the Breakdown of Democracy by Contributing to Fake News Detection. <i>IT Professional</i> , 2022 , 24, 25-31	1.9	1
39	Information Fusion for Probabilistic Reasoning and Its Application to the Medical Decision Support Systems. <i>Lecture Notes in Computer Science</i> , 2004 , 593-601	0.9	0
38	Multicriteria classifier ensemble learning for imbalanced data. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
37	The double-edged sword of AI: Ethical Adversarial Attacks to counter artificial intelligence for crime. <i>AI and Ethics</i> , 1	2	0
36	Data Preprocessing and Dynamic Ensemble Selection for Imbalanced Data Stream Classification. <i>Communications in Computer and Information Science</i> , 2020 , 367-379	0.3	0
35	Ensemble of HOSVD Generated Tensor Subspace Classifiers with Optimal Tensor Flattening Directions. <i>Lecture Notes in Computer Science</i> , 2016 , 560-571	0.9	0
34	Transformer Based Models in Fake News Detection. <i>Lecture Notes in Computer Science</i> , 2021 , 28-38	0.9	0
33	Adapting ClusTree for more challenging data stream environments. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 7679-7688	1.6	
32	On the Role of Cost-Sensitive Learning in Imbalanced Data Oversampling. <i>Lecture Notes in Computer Science</i> , 2019 , 180-191	0.9	

31	Multi-class Imbalanced Data Oversampling for Vertebral Column Pathologies Classification. <i>Lecture Notes in Computer Science</i> , 2018 , 131-142	0.9
30	Special issue on innovations in medicine and healthcare. <i>Biosystems Engineering</i> , 2015 , 138, 1-3	4.8
29	Special Issue on Hybrid Artificial Intelligent Systems. <i>Journal of Mathematical Imaging and Vision</i> , 2012 , 42, 101-102	1.6
28	DIVERSITY-BASED CLASSIFIER SELECTION FOR BREAST CANCER CYTOLOGICAL IMAGE ANALYSIS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2014 , 26, 1450006	0.6
27	Comparison of Fuzzy Combiner Training Methods. <i>Lecture Notes in Computer Science</i> , 2012 , 166-173	0.9
26	Computer recognition systems. <i>Expert Systems</i> , 2010 , 27, 3-5	2.1
25	Three Classifiers for Acute Abdominal Pain Diagnosis [Comparative Study]. <i>Lecture Notes in Computer Science</i> , 2005 , 929-932	0.9
24	Dynamic Classifier Selection for Data with Skewed Class Distribution Using Imbalance Ratio and Euclidean Distance. <i>Lecture Notes in Computer Science</i> , 2020 , 59-73	0.9
23	Imbalanced Data Stream Classification Using Hybrid Data Preprocessing. <i>Communications in Computer and Information Science</i> , 2020 , 402-413	0.3
22	Dynamic Ensemble Selection for Imbalanced Data Stream Classification with Limited Label Access. <i>Lecture Notes in Computer Science</i> , 2021 , 217-226	0.9
21	Imbalanced Data Classification Using Weighted Voting Ensemble. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 82-91	0.4
20	Advanced Oversampling for Improved Detection of Software Anomalies in a Robot. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 3-12	0.4
19	Diagnosis of human acid-base balance states via combined pattern recognition for Markov chains. <i>Lecture Notes in Computer Science</i> , 1995 , 405-406	0.9
18	Blurred Labeling Segmentation Algorithm for Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , 2015 , 578-587	0.9
17	Pruning Ensembles of One-Class Classifiers with X-means Clustering. <i>Lecture Notes in Computer Science</i> , 2015 , 484-493	0.9
16	Pruning Ensembles with Cost Constraints. <i>Lecture Notes in Computer Science</i> , 2015 , 503-512	0.9
15	Efficient Multidimensional Pattern Recognition in Kernel Tensor Subspaces. <i>Lecture Notes in Computer Science</i> , 2016 , 529-537	0.9
14	Modelling Dental Milling Process with Machine Learning-Based Regression Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 701-711	0.4

13	Artificial Photoreceptors for Ensemble Classification of Hyperspectral Images. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 471-479	0.4
12	Ensemble of One-Dimensional Classifiers for Hyperspectral Image Analysis. <i>Lecture Notes in Computer Science</i> , 2016 , 513-520	0.9
11	Modification of Nested Hyperrectangle Exemplar as a Proposition of Information Fusion Method. <i>Lecture Notes in Computer Science</i> , 2009 , 687-694	0.9
10	Combining Classifier with a Fuser Implemented as a One Layer Perceptron. <i>Lecture Notes in Computer Science</i> , 2011 , 282-291	0.9
9	Knowledge Source Confidence Measure Applied to a Rule-Based Recognition System. <i>Lecture Notes in Computer Science</i> , 2011 , 425-434	0.9
8	Performance Evaluation of Hybrid Implementation of Support Vector Machine. <i>Lecture Notes in Computer Science</i> , 2012 , 779-786	0.9
7	Drift Detection and Model Selection Algorithms: Concept and Experimental Evaluation. <i>Lecture Notes in Computer Science</i> , 2012 , 558-568	0.9
6	Distributed Privacy-Preserving Minimal Distance Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 462-471	0.9
5	Parallel Hoeffding Decision Tree for Streaming Data. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 27-35	0.4
4	Neural Network Ensemble Based on Feature Selection for Non-Invasive Recognition of Liver Fibrosis Stage. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 15-24	0.4
3	Hyperspectral Image Analysis Based on Quad Tree Decomposition. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 105-113	0.4
2	Clustering-Based Ensemble of One-Class Classifiers for Hyperspectral Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2014 , 678-688	0.9
1	Deterministic Sampling Classifier with weighted Bagging for drifted imbalanced data stream classification. <i>Applied Soft Computing Journal</i> , 2022 , 108855	7.5