Michal Wozniak

List of Publications by Year in Descending Order

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	Multicriteria classifier ensemble learning for imbalanced data. *IEEE Access*, **2022**, 1-1	3.5	0
227	An analysis of heuristic metrics for classifier ensemble pruning based on ordered aggregation. *Pattern Recognition*, **2022**, 124, 108493	7.7	1
226	Technical solution to counter potential crime: Text analysis to detect fake news and disinformation. *Journal of Computational Science*, **2022**, 60, 101576	3.4	3
225	Deterministic Sampling Classifier with weighted Bagging for drifted imbalanced data stream classification. *Applied Soft Computing Journal*, **2022**, 108855	7.5	
224	How Machine Learning May Prevent the Breakdown of Democracy by Contributing to Fake News Detection. *IT Professional*, **2022**, 24, 25-31	1.9	1
223	Selective ensemble of classifiers trained on selective samples. *Neurocomputing*, **2021**, 482, 197-197	5.4	2
222	Dynamic Ensemble Selection for Imbalanced Data Stream Classification with Limited Label Access. *Lecture Notes in Computer Science*, **2021**, 217-226	0.9	
221	RB-CCR: Radial-Based Combined Cleaning and Resampling algorithm for imbalanced data classification. *Machine Learning*, **2021**, 110, 3059	4	1
220	Advanced Oversampling for Improved Detection of Software Anomalies in a Robot. *Advances in Intelligent Systems and Computing*, **2021**, 3-12	0.4	
219	Advanced Machine Learning techniques for fake news (online disinformation) detection: A systematic mapping study. *Applied Soft Computing Journal*, **2021**, 101, 107050	7.5	22
218	Hellinger Distance Weighted Ensemble for imbalanced data stream classification. *Journal of Computational Science*, **2021**, 51, 101314	3.4	6
217	How to design the fair experimental classifier evaluation. *Applied Soft Computing Journal*, **2021**, 104, 107219	7.5	15
216	Preprocessed dynamic classifier ensemble selection for highly imbalanced drifted data streams. *Information Fusion*, **2021**, 66, 138-154	16.7	25
215	Hybrid Intelligent Model to Predict the Remifentanil Infusion Rate in Patients Under General Anesthesia. *Logic Journal of the IGPL*, **2021**, 29, 193-206	1	7
214	Application of Multi-objective Optimization to Feature Selection for a Difficult Data Classification Task. *Lecture Notes in Computer Science*, **2021**, 81-94	0.9	1
213	Transformer Based Models in Fake News Detection. *Lecture Notes in Computer Science*, **2021**, 28-38	0.9	0
212	Novel clustering-based pruning algorithms. *Pattern Analysis and Applications*, **2020**, 23, 1049-1058	2.3	2

211	Dynamic Classifier Selection for Data with Skewed Class Distribution Using Imbalance Ratio and Euclidean Distance. *Lecture Notes in Computer Science*, **2020**, 59-73	0.9	
210	Imbalanced Data Stream Classification Using Hybrid Data Preprocessing. *Communications in Computer and Information Science*, **2020**, 402-413	0.3	
209	Performance Analysis of Binarization Strategies for Multi-class Imbalanced Data Classification. *Lecture Notes in Computer Science*, **2020**, 141-155	0.9	1
208	Imbalanced Data Classification Using Weighted Voting Ensemble. *Advances in Intelligent Systems and Computing*, **2020**, 82-91	0.4	
207	Data Preprocessing and Dynamic Ensemble Selection for Imbalanced Data Stream Classification. *Communications in Computer and Information Science*, **2020**, 367-379	0.3	0
206	Data Preprocessing for des-knn and Its Application to Imbalanced Medical Data Classification. *Lecture Notes in Computer Science*, **2020**, 589-599	0.9	2
205	Sentiment Analysis for Fake News Detection by Means of Neural Networks. *Lecture Notes in Computer Science*, **2020**, 653-666	0.9	15
204	Employing One-Class SVM Classifier Ensemble for Imbalanced Data Stream Classification. *Lecture Notes in Computer Science*, **2020**, 117-127	0.9	2
203	Employing Decision Templates to Imbalanced Data Classification. *Lecture Notes in Computer Science* , **2020**, 120-131	0.9	3
202	Fake News Detection from Data Streams **2020**,		9
201	Combination of Active and Random Labeling Strategy in the Non-stationary Data Stream Classification. *Lecture Notes in Computer Science*, **2020**, 576-585	0.9	1
200	Combined Cleaning and Resampling algorithm for multi-class imbalanced data with label noise. *Knowledge-Based Systems*, **2020**, 204, 106223	7.3	27
199	Training set selection and swarm intelligence for enhanced integration in multiple classifier systems. *Applied Soft Computing Journal*, **2020**, 95, 106568	7.5	4
198	Employing dropout regularization to classify recurring drifted data streams **2020**,		3
197	Radial-Based Oversampling for Multiclass Imbalanced Data Classification. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2818-2831	10.3	23
196	Multi Sampling Random Subspace Ensemble for Imbalanced Data Stream Classification. *Advances in Intelligent Systems and Computing*, **2020**, 360-369	0.4	4
195	Vertical and Horizontal Data Partitioning for Classifier Ensemble Learning. *Advances in Intelligent Systems and Computing*, **2020**, 86-97	0.4	2
194	Adapting ClusTree for more challenging data stream environments. *Journal of Intelligent and Fuzzy Systems*, **2019**, 37, 7679-7688	1.6	

193	On the Role of Cost-Sensitive Learning in Imbalanced Data Oversampling. *Lecture Notes in Computer Science*, **2019**, 180-191	0.9	
192	Classifier Selection for Highly Imbalanced Data Streams with Minority Driven Ensemble. *Lecture Notes in Computer Science*, **2019**, 626-635	0.9	16
191	Data stream classification using active learned neural networks. *Neurocomputing*, **2019**, 353, 74-82	5.4	13
190	Monotonic classification: An overview on algorithms, performance measures and data sets. *Neurocomputing*, **2019**, 341, 168-182	5.4	24
189	Radial-Based oversampling for noisy imbalanced data classification. *Neurocomputing*, **2019**, 343, 19-33	5.4	51
188	Instance reduction for one-class classification. *Knowledge and Information Systems*, **2019**, 59, 601-628	2.4	16
187	Experimental Study on Modified Radial-Based Oversampling. *Advances in Intelligent Systems and Computing*, **2019**, 110-119	0.4	1
186	Clustering-Based Ensemble Pruning and Multistage Organization Using Diversity. *Lecture Notes in Computer Science*, **2019**, 287-298	0.9	2
185	Machine Learning Methods for Fake News Classification. *Lecture Notes in Computer Science*, **2019**, 332-339	0.9	10
184	A Genetic-Based Ensemble Learning Applied to Imbalanced Data Classification. *Lecture Notes in Computer Science*, **2019**, 340-352	0.9	4
183	Ensemble of Extreme Learning Machines with trained classifier combination and statistical features for hyperspectral data. *Neurocomputing*, **2018**, 271, 28-37	5.4	14
182	Neural Models for Imputation of Missing Ozone Data in Air-Quality Datasets. *Complexity*, **2018**, 2018, 1-14	1.6	15
181	Drifted Data Stream Clustering Based on ClusTree Algorithm. *Lecture Notes in Computer Science*, **2018**, 338-349	0.9	1
180	Multi-class Imbalanced Data Oversampling for Vertebral Column Pathologies Classification. *Lecture Notes in Computer Science*, **2018**, 131-142	0.9	
179	Distributed DBSCAN Algorithm Concept and Experimental Evaluation. *Advances in Intelligent Systems and Computing*, **2018**, 472-480	0.4	1
178	Combining active learning with concept drift detection for data stream mining **2018**,		9
177	Imbalanced Data Classification Based on Feature Selection Techniques. *Lecture Notes in Computer Science*, **2018**, 296-303	0.9	9
176	Dynamic ensemble selection for multi-class classification with one-class classifiers. *Pattern Recognition*, **2018**, 83, 34-51	7.7	38

175	SCR: simulated concept recurrence a non-supervised tool for dealing with shifting concept. *Expert Systems*, **2017**, 34, e12059	2.1	4
174	Paired feature multilayer ensemble concept and evaluation of a classifier. *Journal of Intelligent and Fuzzy Systems*, **2017**, 32, 1427-1436	1.6	1
173	A survey on data preprocessing for data stream mining: Current status and future directions. *Neurocomputing*, **2017**, 239, 39-57	5.4	199
172	Ensemble learning for data stream analysis: A survey. *Information Fusion*, **2017**, 37, 132-156	16.7	473
171	The deterministic subspace method for constructing classifier ensembles. *Pattern Analysis and Applications*, **2017**, 20, 981-990	2.3	11
170	Nearest Neighbor Classification for High-Speed Big Data Streams Using Spark. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2727-2739	7.3	38
169	Online query by committee for active learning from drifting data streams **2017**,		4
168	Tensor-Based Shot Boundary Detection in Video Streams. *New Generation Computing*, **2017**, 35, 311-340	0.9	11
167	Fault diagnosis of marine 4-stroke diesel engines using a one-vs-one extreme learning ensemble. *Engineering Applications of Artificial Intelligence*, **2017**, 57, 134-141	7.2	38
166	A First Attempt to Construct Effective Concept Drift Detector Ensembles. *Advances in Intelligent Systems and Computing*, **2017**, 27-34	0.4	1
165	Accuracy based weighted aging ensemble (AB-WAE) Algorithm for data stream classification **2017**,		3
164	CCR: A combined cleaning and resampling algorithm for imbalanced data classification. *International Journal of Applied Mathematics and Computer Science*, **2017**, 27, 727-736	1.7	32
163	Efficient Real-Time Background Detection Based on the PCA Subspace Decomposition. *Lecture Notes in Computer Science*, **2017**, 485-496	0.9	1
162	Radial-Based Approach to Imbalanced Data Oversampling. *Lecture Notes in Computer Science*, **2017**, 318-327		6
161	A Tensor Framework for Data Stream Clustering and Compression. *Lecture Notes in Computer Science*, **2017**, 163-173	0.9	2
160	Intelligent Methods Applied to Health-Care Information Systems. *Applied Artificial Intelligence*, **2016**, 30, 495-496	2.3	2
159	A Survey of Big Data Issues in Electronic Health Record Analysis. *Applied Artificial Intelligence*, **2016**, 30, 497-520	2.3	25
158	On the Influence of Class Noise in Medical Data Classification: Treatment Using Noise Filtering Methods. *Applied Artificial Intelligence*, **2016**, 30, 590-609	2.3	24

157	Dynamic classifier selection for one-class classification. *Knowledge-Based Systems*, **2016**, 107, 43-53	7.3	28
156	Analyzing the oversampling of different classes and types of examples in multi-class imbalanced datasets. *Pattern Recognition*, **2016**, 57, 164-178	7.7	129
155	Untrained weighted classifier combination with embedded ensemble pruning. *Neurocomputing*, **2016**, 196, 14-22	5.4	17
154	On Robust Computation of Tensor Classifiers Based on the Higher-Order Singular Value Decomposition. *Advances in Intelligent Systems and Computing*, **2016**, 193-201	0.4	4
153	A First Attempt on Online Data Stream Classifier Using Context. *Lecture Notes in Computer Science*, **2016**, 497-504	0.9	1
152	Efficient Multidimensional Pattern Recognition in Kernel Tensor Subspaces. *Lecture Notes in Computer Science*, **2016**, 529-537	0.9	
151	Modelling Dental Milling Process with Machine Learning-Based Regression Algorithms. *Advances in Intelligent Systems and Computing*, **2016**, 701-711	0.4	
150	Ensemble of HOSVD Generated Tensor Subspace Classifiers with Optimal Tensor Flattening Directions. *Lecture Notes in Computer Science*, **2016**, 560-571	0.9	0
149	Artificial Photoreceptors for Ensemble Classification of Hyperspectral Images. *Advances in Intelligent Systems and Computing*, **2016**, 471-479	0.4	
148	Ensemble of One-Dimensional Classifiers for Hyperspectral Image Analysis. *Lecture Notes in Computer Science*, **2016**, 513-520	0.9	
147	Active Learning Classification of Drifted Streaming Data. *Procedia Computer Science*, **2016**, 80, 1724-1733	1.6	10
146	Tackling label noise with multi-class decomposition using fuzzy one-class support vector machines **2016**,		3
145	Active Learning Classifier for Streaming Data. *Lecture Notes in Computer Science*, **2016**, 186-197	0.9	3
144	Hybrid Optimization Method Applied to Adaptive Splitting and Selection Algorithm. *Lecture Notes in Computer Science*, **2016**, 742-750	0.9	1
143	Efficient Computation of the Tensor Chordal Kernels. *Procedia Computer Science*, **2016**, 80, 1702-1711	1.6	2
142	Ensembles of Heterogeneous Concept Drift Detectors - Experimental Study. *Lecture Notes in Computer Science*, **2016**, 538-549	0.9	3
141	A new heuristic for influence maximization in social networks. *Logic Journal of the IGPL*, **2016**, 24, 996-1014	1	1
140	Wagging for Combining Weighted One-class Support Vector Machines. *Procedia Computer Science*, **2015**, 51, 1565-1573	1.6	6

139	On the usefulness of one-class classifier ensembles for decomposition of multi-class problems. *Pattern Recognition*, **2015**, 48, 3969-3982	7.7	52
138	Incremental weighted one-class classifier for mining stationary data streams. *Journal of Computational Science*, **2015**, 9, 19-25	3.4	13
137	One-class classifiers with incremental learning and forgetting for data streams with concept drift. *Soft Computing*, **2015**, 19, 3387-3400	3.5	50
136	Reacting to different types of concept drift with adaptive and incremental one-class classifiers **2015**,		2
135	Multidimensional data classification with chordal distance based kernel and Support Vector Machines. *Engineering Applications of Artificial Intelligence*, **2015**, 46, 10-22	7.2	22
134	A hybrid cost-sensitive ensemble for imbalanced breast thermogram classification. *Artificial Intelligence in Medicine*, **2015**, 65, 219-27	7.4	30
133	Data stream classification and big data analytics. *Neurocomputing*, **2015**, 150, 238-239	5.4	17
132	Optical networks for cost-efficient and scalable provisioning of big data traffic. *International Journal of Parallel, Emergent and Distributed Systems*, **2015**, 30, 15-28	1	4
131	Special issue on innovations in medicine and healthcare. *Biosystems Engineering*, **2015**, 138, 1-3	4.8	
130	An Improved Vehicle Logo Recognition Using a Classifier Ensemble Based on Pattern Tensor Representation and Decomposition. *New Generation Computing*, **2015**, 33, 389-408	0.9	6
129	Impact of Fanout and Transmission Reach on Performance of Multicasting in Elastic Optical Networks **2015**,		5
128	A novel hyperspectral segmentation algorithm□oncept and evaluation. *Logic Journal of the IGPL*, **2015**, 23, 105-120	1	2
127	Joint optimization of multicast and unicast flows in elastic optical networks **2015**,		8
126	Algorithms for calculation of candidate trees for efficient multicasting in elastic optical networks **2015**,		2
125	Weighted Na□e Bayes Classifier with Forgetting for Drifting Data Streams **2015**,		10
124	Tensor based representation and analysis of the electronic healthcare record data **2015**,		3
123	Hypertension Type Classification Using Hierarchical Ensemble of One-Class Classifiers for Imbalanced Data. *Advances in Intelligent Systems and Computing*, **2015**, 341-349	0.4	7
122	Cost-Sensitive Neural Network with ROC-Based Moving Threshold for Imbalanced Classification. *Lecture Notes in Computer Science*, **2015**, 45-52	0.9	13

121	Handling Label Noise in Microarray Classification with One-Class Classifier Ensemble. *Advances in Intelligent Systems and Computing*, **2015**, 351-359	0.4	3
120	Blurred Labeling Segmentation Algorithm for Hyperspectral Images. *Lecture Notes in Computer Science*, **2015**, 578-587	0.9	
119	Pruning Ensembles of One-Class Classifiers with X-means Clustering. *Lecture Notes in Computer Science*, **2015**, 484-493	0.9	
118	Pruning Ensembles with Cost Constraints. *Lecture Notes in Computer Science*, **2015**, 503-512	0.9	
117	Clustering-based ensembles for one-class classification. *Information Sciences*, **2014**, 264, 182-195	7.7	92
116	Diversity measures for one-class classifier ensembles. *Neurocomputing*, **2014**, 126, 36-44	5.4	51
115	Hybrid Classifiers. *Studies in Computational Intelligence*, **2014**,	0.8	6
114	A first attempt on evolutionary prototype reduction for nearest neighbor one-class classification **2014**,		3
113	Influence of Distance Measures on the Effectiveness of One-Class Classification Ensembles. *Applied Artificial Intelligence*, **2014**, 28, 258-271	2.3	3
112	Recent trends in intelligent data analysis. *Neurocomputing*, **2014**, 126, 1-2	5.4	38
111	A survey of multiple classifier systems as hybrid systems. *Information Fusion*, **2014**, 16, 3-17	16.7	611
110	DIVERSITY-BASED CLASSIFIER SELECTION FOR BREAST CANCER CYTOLOGICAL IMAGE ANALYSIS. *Biomedical Engineering - Applications, Basis and Communications*, **2014**, 26, 1450006	0.6	
109	Improved adaptive splitting and selection: the hybrid training method of a classifier based on a feature space partitioning. *International Journal of Neural Systems*, **2014**, 24, 1430007	6.2	34
108	Weighted one-class classification for different types of minority class examples in imbalanced data **2014**,		12
107	Weighted One-Class Classifier Ensemble Based on Fuzzy Feature Space Partitioning **2014**,		1
106	Adaptive Splitting and Selection ensemble for breast cancer malignancy grading **2014**,		1
105	Optimization of Multicast Traffic in Elastic Optical Networks With Distance-Adaptive Transmission. *IEEE Communications Letters*, **2014**, 18, 2117-2120	3.8	45
104	Experiments on simultaneous combination rule training and ensemble pruning algorithm **2014**,		2

103	Cost-sensitive decision tree ensembles for effective imbalanced classification. *Applied Soft Computing Journal*, **2014**, 14, 554-562	7.5	186
102	The Influence of a Classifiers Diversity on the Quality of Weighted Aging Ensemble. *Lecture Notes in Computer Science*, **2014**, 90-99	0.9	3
101	Vehicle Logo Recognition with an Ensemble of Classifiers. *Lecture Notes in Computer Science*, **2014**, 117-126	0.9	7
100	Optimization Algorithms for One-Class Classification Ensemble Pruning. *Lecture Notes in Computer Science*, **2014**, 127-136	0.9	2
99	Hyperspectral Image Analysis Based on Color Channels and Ensemble Classifier. *Lecture Notes in Computer Science*, **2014**, 274-284	0.9	5
98	Evolutionary Cost-Sensitive Ensemble for Malware Detection. *Advances in Intelligent Systems and Computing*, **2014**, 433-442	0.4	3
97	Classifier Hybridization. *Studies in Computational Intelligence*, **2014**, 95-140	0.8	6
96	Neural Network Ensemble Based on Feature Selection for Non-Invasive Recognition of Liver Fibrosis Stage. *Advances in Intelligent Systems and Computing*, **2014**, 15-24	0.4	
95	Identifying Features with Concept Drift in Multidimensional Data Using Statistical Tests. *Lecture Notes in Computer Science*, **2014**, 405-413	0.9	1
94	Hyperspectral Image Analysis Based on Quad Tree Decomposition. *Advances in Intelligent Systems and Computing*, **2014**, 105-113	0.4	
93	Clustering-Based Ensemble of One-Class Classifiers for Hyperspectral Image Segmentation. *Lecture Notes in Computer Science*, **2014**, 678-688	0.9	
92	A framework for image analysis and object recognition in industrial applications with the ensemble of classifiers **2013**,		1
91	Incremental Learning and Forgetting in One-Class Classifiers for Data Streams. *Advances in Intelligent Systems and Computing*, **2013**, 319-328	0.4	6
90	Combining one-class classifiers for imbalanced classification of breast thermogram features **2013**,		6
89	Accuracy and diversity in classifier selection for one-class classification ensembles **2013**,		6
88	On diversity measures for fuzzy one-class classifier ensembles **2013**,		2
87	APPLICATION OF ADAPTIVE SPLITTING AND SELECTION CLASSIFIER TO THE SPAM FILTERING PROBLEM. *Cybernetics and Systems*, **2013**, 44, 569-588	1.9	2
86	Combined Bayesian Classifiers Applied to Spam Filtering Problem. *Advances in Intelligent Systems and Computing*, **2013**, 253-260	0.4	4

85	Automatic diagnosis of primary headaches by machine learning methods. *Open Medicine (Poland)*, **2013**, 8, 157-165	2.2	21
84	Combined Classifiers with Neural Fuser for Spam Detection. *Advances in Intelligent Systems and Computing*, **2013**, 245-252	0.4	6
83	Classifier ensemble for an effective cytological image analysis. *Pattern Recognition Letters*, **2013**, 34, 1748-1757	4.7	11
82	A cost-sensitive ensemble classifier for breast cancer classification **2013**,		7
81	An evaluation of classifier ensembles for class imbalance problems **2013**,		2
80	LDCnet: Minimizing the cost of supervision for various types of concept drift **2013**,		2
79	Comparable Study of Statistical Tests for Virtual Concept Drift Detection. *Advances in Intelligent Systems and Computing*, **2013**, 329-337	0.4	9
78	Cost Sensitive Hierarchical Classifiers for Non-invasive Recognition of Liver Fibrosis Stage. *Advances in Intelligent Systems and Computing*, **2013**, 639-647	0.4	1
77	Adaptive Splitting and Selection Method for Noninvasive Recognition of Liver Fibrosis Stage. *Lecture Notes in Computer Science*, **2013**, 215-224	0.9	2
76	Weighted Aging Classifier Ensemble for the Incremental Drifted Data Streams. *Lecture Notes in Computer Science*, **2013**, 579-588	0.9	6
75	Enhancing Concept Drift Detection with Simulated Recurrence. *Advances in Intelligent Systems and Computing*, **2013**, 153-162	0.4	1
74	Pruning One-Class Classifier Ensembles by Combining Sphere Intersection and Consistency Measures. *Lecture Notes in Computer Science*, **2013**, 426-436	0.9	2
73	Application of Combined Classifiers to Data Stream Classification. *Lecture Notes in Computer Science*, **2013**, 13-23	0.9	5
72	Distributed Privacy-Preserving Minimal Distance Classification. *Lecture Notes in Computer Science*, **2013**, 462-471	0.9	
71	Data Preprocessing with GPU for DBSCAN Algorithm. *Advances in Intelligent Systems and Computing* , **2013**, 793-801	0.4	3
70	Parallel Hoeffding Decision Tree for Streaming Data. *Advances in Intelligent Systems and Computing*, **2013**, 27-35	0.4	
69	Analysis of Diversity Assurance Methods for Combined Classifiers. *Advances in Intelligent Systems and Computing*, **2013**, 179-186	0.4	2
68	Soft computing methods applied to combination of one-class classifiers. *Neurocomputing*, **2012**, 75, 185-193	1.1	59

67	Special Issue on Hybrid Artificial Intelligent Systems. *Journal of Mathematical Imaging and Vision*, **2012**, 42, 101-102	1.6	
66	Comparison of Fuzzy Combiner Training Methods. *Lecture Notes in Computer Science*, **2012**, 166-173	0.9	
65	Breast thermogram analysis using a cost-sensitive multiple classifier system **2012**,		5
64	Combining Diverse One-Class Classifiers. *Lecture Notes in Computer Science*, **2012**, 590-601	0.9	15
63	Different decision tree induction strategies for a medical decision problem. *Open Medicine (Poland)*, **2012**, 7, 183-193	2.2	4
62	Combining classifiers under probabilistic models: experimental comparative analysis of methods. *Expert Systems*, **2012**, 29, 374-393	2.1	12
61	Optimization of overlay distributed computing systems for multiple classifier system--heuristic approach. *Logic Journal of the IGPL*, **2012**, 20, 677-688	1	12
60	Active learning approach to concept drift problem. *Logic Journal of the IGPL*, **2012**, 20, 550-559	1	27
59	Combined classifier based on feature space partitioning. *International Journal of Applied Mathematics and Computer Science*, **2012**, 22, 855-866	1.7	18
58	Cost-Sensitive Splitting and Selection Method for Medical Decision Support System. *Lecture Notes in Computer Science*, **2012**, 850-857	0.9	8
57	Pixel-Based Object Detection and Tracking with Ensemble of Support Vector Machines and Extended Structural Tensor. *Lecture Notes in Computer Science*, **2012**, 104-113	0.9	2
56	Adaptive Splitting and Selection Algorithm for Classification of Breast Cytology Images. *Lecture Notes in Computer Science*, **2012**, 475-484	0.9	3
55	Performance Evaluation of Hybrid Implementation of Support Vector Machine. *Lecture Notes in Computer Science*, **2012**, 779-786	0.9	
54	Data with Shifting Concept Classification Using Simulated Recurrence. *Lecture Notes in Computer Science*, **2012**, 403-412	0.9	2
53	Drift Detection and Model Selection Algorithms: Concept and Experimental Evaluation. *Lecture Notes in Computer Science*, **2012**, 558-568	0.9	
52	A hybrid decision tree training method using data streams. *Knowledge and Information Systems*, **2011**, 29, 335-347	2.4	42
51	Optimizing distributed computing systems for k-nearest neighbours classifiers-evolutionary approach. *Logic Journal of the IGPL*, **2011**, 19, 357-372	1	16
50	Multiple Classifier Method for Structured Output Prediction Based on Error Correcting Output Codes. *Lecture Notes in Computer Science*, **2011**, 333-342	0.9	3

49	Privacy Preserving Models of k-NN Algorithm. *Advances in Intelligent and Soft Computing*, **2011**, 207-217		1
48	Complexity and Multithreaded Implementation Analysis of One Class-Classifiers Fuzzy Combiner. *Lecture Notes in Computer Science*, **2011**, 237-244	0.9	7
47	Decentralized Distributed Computing System for Privacy-Preserving Combined Classifiers – Modeling and Optimization. *Lecture Notes in Computer Science*, **2011**, 512-525	0.9	1
46	Designing Cost-Sensitive Ensemble – Genetic Approach. *Advances in Intelligent and Soft Computing*, **2011**, 227-234		11
45	Learning Curve in Concept Drift While Using Active Learning Paradigm. *Lecture Notes in Computer Science*, **2011**, 98-106	0.9	5
44	Combining Classifier with a Fuser Implemented as a One Layer Perceptron. *Lecture Notes in Computer Science*, **2011**, 282-291	0.9	
43	Knowledge Source Confidence Measure Applied to a Rule-Based Recognition System. *Lecture Notes in Computer Science*, **2011**, 425-434	0.9	
42	Artificial Recurrence for Classification of Streaming Data with Concept Shift. *Lecture Notes in Computer Science*, **2011**, 76-87	0.9	3
41	Hybrid Artificial Intelligence Systems. *Lecture Notes in Computer Science*, **2010**,	0.9	2
40	Chosen problems of designing effective Multiple Classifier Systems **2010**,		1
39	Designing combining classifier with trained fuser – Analytical and experimental evaluation **2010**,		10
38	Combining pattern recognition algorithms chances and limits **2010**,		3
37	Computer recognition systems. *Expert Systems*, **2010**, 27, 3-5	2.1	
36	Method of classifier selection using the genetic approach. *Expert Systems*, **2010**, 27, 114-128	2.1	22
35	Cost-sensitive methods of constructing hierarchical classifiers. *Expert Systems*, **2010**, 27, 146-155	2.1	14
34	GRASP Algorithm for Optimization of Grids for Multiple Classifier System. *Advances in Intelligent and Soft Computing*, **2010**, 137-144		3
33	Designing Fusers on the Basis of Discriminants – Evolutionary and Neural Methods of Training. *Lecture Notes in Computer Science*, **2010**, 590-597	0.9	26
32	Fusion Methods for the Two Class Recognition Problem – Analytical and Experimental Results. *Advances in Intelligent and Soft Computing*, **2010**, 135-142		2

31	Medical Telemetry System for Monitoring and Localization of Patients - Functional Model and Algorithms for Biosignals Processing. *International Journal of Electronics and Telecommunications*, **2010**, 56, 445-450		1
30	Algorithm of designing compound recognition system on the basis of combining classifiers with simultaneous splitting feature space into competence areas. *Pattern Analysis and Applications*, **2009** , 12, 415-425	2.3	40
29	Evolutionary approach to produce classifier ensemble based on weighted voting **2009**,		5
28	Multivariate Decision Trees vs. Univariate Ones. *Advances in Intelligent and Soft Computing*, **2009**, 275-284		1
27	Decision Tree Induction Methods for Distributed Environment. *Advances in Intelligent and Soft Computing*, **2009**, 201-208		2
26	Adaptive Splitting and Selection Method of Classifier Ensemble Building. *Lecture Notes in Computer Science*, **2009**, 525-532	0.9	2
25	Some Remarks on Chosen Methods of Classifier Fusion Based on Weighted Voting. *Lecture Notes in Computer Science*, **2009**, 541-548	0.9	22
24	Bayes Multistage Classifier and Boosted C4.5 Algorithm in Acute Abdominal Pain Diagnosis. *Advances in Intelligent and Soft Computing*, **2009**, 371-378		1
23	Modeling of Network Computing Systems for Decision Tree Induction Tasks. *Lecture Notes in Computer Science*, **2009**, 759-766	0.9	2
22	Modification of Nested Hyperrectangle Exemplar as a Proposition of Information Fusion Method. *Lecture Notes in Computer Science*, **2009**, 687-694	0.9	
21	Classifier Fusion Based on Weighted Voting - Analytical and Experimental Results **2008**,		2
20	Experiments with Boosted Decision Tree Classifiers **2008**,		1
19	Fusers Based on Classifier Response and Discriminant Function Comparative Study. *Lecture Notes in Computer Science*, **2008**, 361-368	0.9	2
18	Experiments on Linear Combiners. *Advances in Soft Computing*, **2008**, 445-452		10
17	Experiments with Trained and Untrained Fusers. *Advances in Intelligent and Soft Computing*, **2007**, 144-150		8
16	Experiments on Classifiers Obtained Via Decision Tree Induction Methods with Different Attribute Acquisition Cost Limit. *Advances in Intelligent and Soft Computing*, **2007**, 371-377		8
15	Proposition of common classifier construction for pattern recognition with context task. *Knowledge-Based Systems*, **2006**, 19, 617-624	7.3	9
14	Two-Stage Classifier for Diagnosis of Hypertension Type. *Lecture Notes in Computer Science*, **2006**, 433-440	0.9	6

13	Three Classifiers for Acute Abdominal Pain Diagnosis Comparative Study. *Lecture Notes in Computer Science*, **2005**, 929-932	0.9	
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