Marcin Blachnik

List of Publications by Year
in descending order

44	363	933447 10	940533 16
papers	citations	h-index	g-index

51	51	51	240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fuzzy clustering decomposition of genetic algorithm-based instance selection for regression problems. Information Sciences, 2022, 587, 23-40.	6.9	18
2	Production Scheduling Methodology, Taking into Account the Influence of the Selection of Production Resources. Applied Sciences (Switzerland), 2022, 12, 5367.	2.5	1
3	Partitioning Power Grid for the Design of the Zonal Energy Market While Preserving Control Area Constraints. Electronics (Switzerland), 2021, 10, 610.	3.1	1
4	Optimization of Warehouse Operations with Genetic Algorithms. Applied Sciences (Switzerland), 2020, 10, 4817.	2.5	22
5	Comparison of Instance Selection and Construction Methods with Various Classifiers. Applied Sciences (Switzerland), 2020, 10, 3933.	2.5	9
6	Estimating the Performance Indicators of Promotion Efficiency in FMCG Retail. Lecture Notes in Computer Science, 2020, , 320-332.	1.3	0
7	Predicting Presence of Amphibian Species Using Features Obtained from GIS and Satellite Images. ISPRS International Journal of Geo-Information, 2019, 8, 123.	2.9	10
8	Ensembles of instance selection methods: A comparative study. International Journal of Applied Mathematics and Computer Science, 2019, 29, 151-168.	1.5	10
9	Data Set Partitioning in Evolutionary Instance Selection. Lecture Notes in Computer Science, 2018, , 631-641.	1.3	1
10	New Architecture of Correlated Weights Neural Network for Global Image Transformations. Lecture Notes in Computer Science, 2018, , 56-65.	1.3	1
11	Instance Selection for Classifier Performance Estimation in Meta Learning. Entropy, 2017, 19, 583.	2.2	12
12	Machine-learning methods in the classification of water bodies. Environmental and Socio-Economic Studies, 2016, 4, 34-42.	0.8	2
13	Information Selection and Data Compression RapidMiner Library. Studies in Big Data, 2016, , 135-145.	1.1	1
14	On the Relation Between kNNÂAccuracy and Dataset Compression Level. Lecture Notes in Computer Science, 2016, , 541-551.	1.3	1
15	Fusion of instance selection methods in regression tasks. Information Fusion, 2016, 30, 69-79.	19.1	32
16	Noise reduction in regression tasks with distance, instance, attribute and density weighting. , 2015, , .		1
17	Are locational marginal prices a good heuristic to divide energy market into bidding zones?. , 2015, , .		1
18	Reducing Time Complexity of SVM Model by LVQ Data Compression. Lecture Notes in Computer Science, 2015, , 687-695.	1.3	2

#	Article	IF	Citations
19	Ensembles of Instance Selection Methods based on Feature Subset. Procedia Computer Science, 2014, 35, 388-396.	2.0	20
20	Bagging of Instance Selection Algorithms. Lecture Notes in Computer Science, 2014, , 40-51.	1.3	11
21	Do We Need Complex Models for Gestures? A Comparison of Data Representation and Preprocessing Methods for Hand Gesture Recognition. Lecture Notes in Computer Science, 2012, , 477-485.	1.3	2
22	Combining the Advantages of Neural Networks and Decision Trees for Regression Problems in a Steel Temperature Prediction System. Lecture Notes in Computer Science, 2012, , 36-45.	1.3	3
23	Instance Selection with Neural Networks for Regression Problems. Lecture Notes in Computer Science, 2012, , 263-270.	1.3	17
24	Evolutionary Optimized Forest of Regression Trees: Application in Metallurgy. Lecture Notes in Computer Science, 2012, , 409-420.	1.3	1
25	Extraction of Prototype-Based Threshold Rules Using Neural Training Procedure. Lecture Notes in Computer Science, 2012, , 255-262.	1.3	0
26	Computational Complexity Reduction and Interpretability Improvement of Distance-Based Decision Trees. Lecture Notes in Computer Science, 2012, , 288-297.	1.3	0
27	Feature Ranking Methods Used for Selection of Prototypes. Lecture Notes in Computer Science, 2012, , 296-304.	1.3	0
28	LVQ algorithm with instance weighting for generation of prototype-based rules. Neural Networks, 2011, 24, 824-830.	5.9	15
29	A Hybrid System with Regression Trees in Steel-Making Process. Lecture Notes in Computer Science, 2011, , 222-230.	1.3	9
30	Neural Network Committees Optimized with Evolutionary Methods for Steel Temperature Control. Lecture Notes in Computer Science, 2011, , 42-51.	1.3	3
31	Information Theory vs. Correlation Based Feature Ranking Methods in Application to Metallurgical Problem Solving. Lecture Notes in Computer Science, 2010, , 289-298.	1.3	0
32	Improving Accuracy of LVQ Algorithm by Instance Weighting. Lecture Notes in Computer Science, 2010, , 257-266.	1.3	3
33	Infosel++: Information Based Feature Selection C++ Library. Lecture Notes in Computer Science, 2010, , 388-396.	1.3	6
34	Do We Need Whatever More Than k-NN?. Lecture Notes in Computer Science, 2010, , 414-421.	1.3	22
35	Identification of Liquid State of Scrap in Electric Arc Furnace by the Use of Computational Intelligence Methods. Lecture Notes in Computer Science, 2010, , 700-707.	1.3	0
36	Comparison of Various Feature Selection Methods in Application to Prototype Best Rules. Advances in Intelligent and Soft Computing, 2009, , 257-264.	0.2	9

#	Article	IF	Citations
37	Image Classification by Histogram Features Created with Learning Vector Quantization. Lecture Notes in Computer Science, 2008, , 827-836.	1.3	8
38	Prototype Rules from SVM. Studies in Computational Intelligence, 2008, , 163-182.	0.9	4
39	Building Localized Basis Function Networks Using Context Dependent Clustering. Lecture Notes in Computer Science, 2008, , 482-491.	1.3	0
40	Selection of Prototype Rules: Context Searching Via Clustering. Lecture Notes in Computer Science, 2006, , 573-582.	1.3	9
41	Prototype-Based Threshold Rules. Lecture Notes in Computer Science, 2006, , 1028-1037.	1.3	5
42	Fuzzy Rule-Based Systems Derived from Similarity to Prototypes. Lecture Notes in Computer Science, 2004, , 912-917.	1.3	20
43	Comparison of feature ranking methods based on information entropy. , 0, , .		30
44	Data Compression Measures for Meta-Learning Systems. , 0, , .		0