Piotr Duda

List of Publications by Year
in descending order

49	1,167	516215 16	395343 33
papers	citations	h-index	g-index

53	53	53	705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Streaming Approach to Training Restricted Boltzmann Machines. Lecture Notes in Computer Science, 2021, , 308-317.	1.0	0
2	On the Parzen Kernel-Based Probability Density Function Learning Procedures Over Time-Varying Streaming Data With Applications to Pattern Classification. IEEE Transactions on Cybernetics, 2020, 50, 1683-1696.	6.2	42
3	Stream Data Mining: Algorithms and Their Probabilistic Properties. Studies in Big Data, 2020, , .	0.8	26
4	Nonparametric Regression Models for Data Streams Based on the Generalized Regression Neural Networks. Studies in Big Data, 2020, , 173-244.	0.8	1
5	Decision Trees in Data Stream Mining. Studies in Big Data, 2020, , 37-50.	0.8	4
6	Probabilistic Neural Networks for the Streaming Data Classification. Studies in Big Data, 2020, , 245-277.	0.8	2
7	Basic Concepts of Data Stream Mining. Studies in Big Data, 2020, , 13-33.	0.8	6
8	General Non-parametric Learning Procedure for Tracking Concept Drift. Studies in Big Data, 2020, , 155-172.	0.8	1
9	On Training Deep Neural Networks Using a Streaming Approach. Journal of Artificial Intelligence and Soft Computing Research, 2020, 10, 15-26.	3.5	24
10	A Novel Drift Detection Algorithm Based on Featuresâ€™ Importance Analysis in a Data Streams Environment. Journal of Artificial Intelligence and Soft Computing Research, 2020, 10, 287-298.	3.5	6
11	Final Remarks and Challenging Problems. Studies in Big Data, 2020, , 323-327.	0.8	0
12	Misclassification Error Impurity Measure. Studies in Big Data, 2020, , 63-82.	0.8	0
13	Introduction and Overview of the Main Results of the Book. Studies in Big Data, 2020, , 1-10.	0.8	0
14	Splitting Criteria with the Bias Term. Studies in Big Data, 2020, , 83-89.	0.8	0
15	The General Procedure of Ensembles Construction in Data Stream Scenarios. Studies in Big Data, 2020, , 281-286.	0.8	0
16	Visual Hybrid Recommendation Systems Based on the Content-Based Filtering. Lecture Notes in Computer Science, 2020, , 455-465.	1.0	0
17	On a Streaming Approach for Training Denoising Auto-encoders. Lecture Notes in Computer Science, 2020, , 315-324.	1.0	1
18	Resource-Aware Data Stream Mining Using the Restricted Boltzmann Machine. Lecture Notes in Computer Science, 2019, , 384-396.	1.0	8

#	Article	IF	Citations
19	On Handling Missing Values in Data Stream Mining Algorithms Based on the Restricted Boltzmann Machine. Communications in Computer and Information Science, 2019, , 347-354.	0.4	4
20	New Splitting Criteria for Decision Trees in Stationary Data Streams. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2516-2529.	7.2	77
21	Knowledge discovery in data streams with the orthogonal series-based generalized regression neural networks. Information Sciences, 2018, 460-461, 497-518.	4.0	26
22	Convergent Time-Varying Regression Models for Data Streams: Tracking Concept Drift by the Recursive Parzen-Based Generalized Regression Neural Networks. International Journal of Neural Systems, 2018, 28, 1750048.	3.2	29
23	Concept Drift Detection in Streams of Labelled Data Using the Restricted Boltzmann Machine. , 2018, , .		12
24	Online GRNN-Based Ensembles forÂRegression on Evolving Data Streams. Lecture Notes in Computer Science, 2018, , 221-228.	1.0	6
25	On Ensemble Components Selection inÂData Streams Scenario with Gradual Concept-Drift. Lecture Notes in Computer Science, 2018, , 311-320.	1.0	2
26	How to adjust an ensemble size in stream data mining?. Information Sciences, 2017, 381, 46-54.	4.0	62
27	On ensemble components selection in data streams scenario with reoccurring concept-drift. , 2017, , .		11
28	On applying the Restricted Boltzmann Machine to active concept drift detection. , 2017, , .		22
29	Heuristic Regression Function Estimation Methods for Data Streams with Concept Drift. Lecture Notes in Computer Science, 2017, , 726-737.	1.0	10
30	A method for automatic adjustment of ensemble size in stream data mining. , 2016, , .		17
31	On the Application of Orthogonal Series Density Estimation for Image Classification Based on Feature Description. Advances in Intelligent Systems and Computing, 2016, , 529-540.	0.5	0
32	On the CesÃro-Means-Based Orthogonal Series Approach to Learning Time-Varying Regression Functions. Lecture Notes in Computer Science, 2016, , 37-48.	1.0	2
33	A New Method for Data Stream Mining Based on the Misclassification Error. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1048-1059.	7.2	91
34	The Parzen kernel approach to learning in non-stationary environment. , 2014, , .		11
35	A novel application of Hoeffding's inequality to decision trees construction for data streams. , 2014, , .		12
36	Decision Trees for Mining Data Streams Based on the Gaussian Approximation. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 108-119.	4.0	135

#	Article	IF	Citations
37	The CART decision tree for mining data streams. Information Sciences, 2014, 266, 1-15.	4.0	246
38	Decision Trees for Mining Data Streams Based on the McDiarmid's Bound. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1272-1279.	4.0	157
39	Adaptation of Decision Trees for Handling Concept Drift. Lecture Notes in Computer Science, 2013, , 459-473.	1.0	21
40	On Pre-processing Algorithms for Data Stream. Lecture Notes in Computer Science, 2012, , 56-63.	1.0	17
41	A New Fuzzy Classifier for Data Streams. Lecture Notes in Computer Science, 2012, , 318-324.	1.0	18
42	On the Strong Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Non-stationary Environment. Lecture Notes in Computer Science, 2012, , 47-54.	1.0	17
43	On Fuzzy Clustering of Data Streams with Concept Drift. Lecture Notes in Computer Science, 2012, , 82-91.	1.0	16
44	On Resources Optimization in Fuzzy Clustering of Data Streams. Lecture Notes in Computer Science, 2012, , 92-99.	1.0	16
45	On the Weak Convergence of the Orthogonal Series-Type Kernel Regresion Neural Networks in a Non-stationary Environment. Lecture Notes in Computer Science, 2012, , 443-450.	1.0	7
46	On the Weak Convergence of the Recursive Orthogonal Series-Type Kernel Probabilistic Neural Networks in a Time-Varying Environment. Lecture Notes in Computer Science, 2012, , 427-434.	1.0	0
47	On the Uniform Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Time-Varying Environment. Lecture Notes in Computer Science, 2012, , 39-46.	1.0	0
48	On the Cesaro Orthogonal Series-Type Kernel Probabilistic Neural Networks Handling Non-stationary Noise. Lecture Notes in Computer Science, 2012, , 435-442.	1.0	1
49	On the Strong Convergence of the Recursive Orthogonal Series-Type Kernel Probabilistic Neural Networks Handling Time-Varying Noise. Lecture Notes in Computer Science, 2012, , 55-62.	1.0	0