Krisztian Buza

List of Publications by Year
in descending order

51 papers	824 citations	516710 16 h-index	526287 27 g-index
52 all docs	52 docs citations	52 times ranked	1097 citing authors

#	Article	IF	Citations
1	Improving Autoencoder Training Performance forÂHyperspectral Unmixing withÂNetwork Reinitialisation. Lecture Notes in Computer Science, 2022, , 391-403.	1.3	1
2	Designing Explainable Text Classification Pipelines: Insights from IT Ticket Complexity Prediction Case Study. Studies in Computational Intelligence, 2021, , 293-332.	0.9	4
3	Convolutional Neural Networks with Dynamic Convolution for Time Series Classification. Communications in Computer and Information Science, 2021, , 304-312.	0.5	1
4	Factorization Machines for Blog Feedback Prediction. Advances in Intelligent Systems and Computing, 2020, , 79-85.	0.6	0
5	IT Ticket Classification: The Simpler, the Better. IEEE Access, 2020, 8, 193380-193395.	4.2	20
6	Speeding up the SUCCESS Approach for Massive Industrial Datasets. , 2020, , .		3
7	ASTERICS: Projection-based Classification of EEG with Asymmetric Loss Linear Regression and Genetic Algorithm. , 2020, , .		5
8	Modified linear regression predicts drug-target interactions accurately. PLoS ONE, 2020, 15, e0230726.	2.5	17
9	Encouraging an appropriate representation simplifies training of neural networks. Acta Universitatis Sapientiae: Informatica, 2020, 12, 102-111.	0.4	0
10	Feature Selection with a Genetic Algorithm for Classification of Brain Imaging Data. Intelligent Systems Reference Library, 2018, , 185-202.	1.2	18
11	Time Series Classification and its Applications. , 2018, , .		12
12	Projection-Based Person Identification. Advances in Intelligent Systems and Computing, 2018, , 221-228.	0.6	1
13	Drug-target interaction prediction: A Bayesian ranking approach. Computer Methods and Programs in Biomedicine, 2017, 152, 15-21.	4.7	69
14	Drugâ€"target interaction prediction with Bipartite Local Models and hubness-aware regression. Neurocomputing, 2017, 260, 284-293.	5.9	37
15	ALADIN: A New Approach for Drugâ€"Target Interaction Prediction. Lecture Notes in Computer Science, 2017, , 322-337.	1.3	12
16	Resting State fMRI Functional Connectivity-Based Classification Using a Convolutional Neural Network Architecture. Frontiers in Neuroinformatics, 2017, 11, 61.	2.5	103
17	Resting State fMRI Functional Connectivity Analysis Using Dynamic Time Warping. Frontiers in Neuroscience, 2017, 11, 75.	2.8	63
18	A Model for Classification Based on the Functional Connectivity Pattern Dynamics of the Brain. , 2016, , .		4

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19	Classification of fMRI data using dynamic time warping based functional connectivity analysis. , 2016, , .		13
20	Community Structure Detection for the Functional Connectivity Networks of the Brain. Lecture Notes in Computer Science, 2016, , 633-643.	1.3	1
21	Drug-target interaction prediction with hubness-aware machine learning. , 2016, , .		2
22	ParkinsoNET: Estimation of UPDRS Score Using Hubness-Aware Feedforward Neural Networks. Applied Artificial Intelligence, 2016, 30, 541-555.	3.2	16
23	How you type is who you are. , 2016, , .		4
24	Classification of gene expression data: A hubness-aware semi-supervised approach. Computer Methods and Programs in Biomedicine, 2016, 127, 105-113.	4.7	18
25	Correcting the hub occurrence prediction bias in many dimensions. Computer Science and Information Systems, 2016, 13, 1-21.	1.0	3
26	Semi-supervised Naive Hubness Bayesian k-Nearest Neighbor for Gene Expression Data. Advances in Intelligent Systems and Computing, 2016, , 101-110.	0.6	0
27	RECORD: Reference-Assisted Genome Assembly for Closely Related Genomes. International Journal of Genomics, 2015, 2015, 1-10.	1.6	2
28	A specialized histone H1 variant is required for adaptive responses to complex abiotic stress and related DNA methylation in Arabidopsis. Plant Physiology, 2015, 169, pp.00493.2015.	4.8	101
29	Nearest neighbor regression in the presence of bad hubs. Knowledge-Based Systems, 2015, 86, 250-260.	7.1	38
30	Hubness-aware kNN classification of high-dimensional data in presence of label noise. Neurocomputing, 2015, 160, 157-172.	5.9	23
31	PROCESS: Projection-Based Classification ofÂElectroencephalograph Signals. Lecture Notes in Computer Science, 2015, , 91-100.	1.3	8
32	Hubness-Aware Classification, Instance Selection and Feature Construction: Survey and Extensions to Time-Series. Studies in Computational Intelligence, 2015, , 231-262.	0.9	22
33	Storage-optimizing clustering algorithms for high-dimensional tick data. Expert Systems With Applications, 2014, 41, 4148-4157.	7.6	15
34	Feedback Prediction for Blogs. Studies in Classification, Data Analysis, and Knowledge Organization, 2014, , 145-152.	0.2	38
35	SUCCESS: A New Approach for Semi-supervised Classification of Time-Series. Lecture Notes in Computer Science, 2013, , 437-447.	1.3	32
36	Partitional clustering of tick data to reduce storage space. , 2012, , .		0

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37	GRAMOFON: General model-selection framework based on networks. Neurocomputing, 2012, 75, 163-170.	5.9	6
38	SOHAC: Efficient Storage of Tick Data That Supports Search and Analysis. Lecture Notes in Computer Science, 2012, , 38-51.	1.3	1
39	Fast Classification of Electrocardiograph Signals via Instance Selection. , 2011, , .		7
40	IQ estimation for accurate time-series classification. , 2011, , .		1
41	Value-transformation for monotone prediction by approximating fuzzy membership functions. , 2011, , .		3
42	Graph-based clustering based on cutting sets. , 2011, , .		1
43	INSIGHT: Efficient and Effective Instance Selection for Time-Series Classification. Lecture Notes in Computer Science, 2011, , 149-160.	1.3	29
44	Fusion of Similarity Measures for Time Series Classification. Lecture Notes in Computer Science, 2011, , 253-261.	1.3	13
45	A Distributed Genetic Algorithm for Graph-Based Clustering. Advances in Intelligent and Soft Computing, 2011, , 323-331.	0.2	5
46	Relation Extraction for Semantic Web with Taxonomic Sequential Patterns. , 2011, , 185-209.		1
47	Time-Series Classification Based on Individualised Error Prediction. , 2010, , .		14
48	Towards better modeling of supermarkets. , 2010, , .		1
49	Graph-Based Model-Selection Framework for Large Ensembles. Lecture Notes in Computer Science, 2010, , 557-564.	1.3	2
50	Motif-Based Classification of Time Series with Bayesian Networks and SVMs. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 105-114.	0.2	16
51	Folksonomy-Based Collabulary Learning. Lecture Notes in Computer Science, 2008, , 261-276.	1.3	18