Krisztian Buza

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5799293/publications.pdf

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51	824	516710 16	526287 27
papers	citations	h-index	g-index

52	52	52	1097
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resting State fMRI Functional Connectivity-Based Classification Using a Convolutional Neural Network Architecture. Frontiers in Neuroinformatics, 2017, 11, 61.	2.5	103
2	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
3	Drug-target interaction prediction: A Bayesian ranking approach. Computer Methods and Programs in Biomedicine, 2017, 152, 15-21.	4.7	69
4	Resting State fMRI Functional Connectivity Analysis Using Dynamic Time Warping. Frontiers in Neuroscience, 2017, 11, 75.	2.8	63
5	Nearest neighbor regression in the presence of bad hubs. Knowledge-Based Systems, 2015, 86, 250-260.	7.1	38
6	Feedback Prediction for Blogs. Studies in Classification, Data Analysis, and Knowledge Organization, 2014, , 145-152.	0.2	38
7	Drugâ€“target interaction prediction with Bipartite Local Models and hubness-aware regression. Neurocomputing, 2017, 260, 284-293.	5.9	37
8	SUCCESS: A New Approach for Semi-supervised Classification of Time-Series. Lecture Notes in Computer Science, 2013, , 437-447.	1.3	32
9	INSIGHT: Efficient and Effective Instance Selection for Time-Series Classification. Lecture Notes in Computer Science, 2011, , 149-160.	1.3	29
10	Hubness-aware kNN classification of high-dimensional data in presence of label noise. Neurocomputing, 2015, 160, 157-172.	5.9	23
11	Hubness-Aware Classification, Instance Selection and Feature Construction: Survey and Extensions to Time-Series. Studies in Computational Intelligence, 2015, , 231-262.	0.9	22
12	IT Ticket Classification: The Simpler, the Better. IEEE Access, 2020, 8, 193380-193395.	4.2	20
13	Classification of gene expression data: A hubness-aware semi-supervised approach. Computer Methods and Programs in Biomedicine, 2016, 127, 105-113.	4.7	18
14	Feature Selection with a Genetic Algorithm for Classification of Brain Imaging Data. Intelligent Systems Reference Library, 2018, , 185-202.	1.2	18
15	Folksonomy-Based Collabulary Learning. Lecture Notes in Computer Science, 2008, , 261-276.	1.3	18
16	Modified linear regression predicts drug-target interactions accurately. PLoS ONE, 2020, 15, e0230726.	2.5	17
17	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
18	ParkinsoNET: Estimation of UPDRS Score Using Hubness-Aware Feedforward Neural Networks. Applied Artificial Intelligence, 2016, 30, 541-555.	3.2	16

#	Article	IF	Citations
19	Storage-optimizing clustering algorithms for high-dimensional tick data. Expert Systems With Applications, 2014, 41, 4148-4157.	7.6	15
20	Time-Series Classification Based on Individualised Error Prediction. , 2010, , .		14
21	Classification of fMRI data using dynamic time warping based functional connectivity analysis. , 2016, , .		13
22	Fusion of Similarity Measures for Time Series Classification. Lecture Notes in Computer Science, 2011, , 253-261.	1.3	13
23	ALADIN: A New Approach for Drugâ€“Target Interaction Prediction. Lecture Notes in Computer Science, 2017, , 322-337.	1.3	12
24	Time Series Classification and its Applications. , 2018, , .		12
25	PROCESS: Projection-Based Classification ofÂElectroencephalograph Signals. Lecture Notes in Computer Science, 2015, , 91-100.	1.3	8
26	Fast Classification of Electrocardiograph Signals via Instance Selection. , 2011, , .		7
27	GRAMOFON: General model-selection framework based on networks. Neurocomputing, 2012, 75, 163-170.	5.9	6
28	ASTERICS: Projection-based Classification of EEG with Asymmetric Loss Linear Regression and Genetic Algorithm. , 2020, , .		5
29	A Distributed Genetic Algorithm for Graph-Based Clustering. Advances in Intelligent and Soft Computing, 2011, , 323-331.	0.2	5
30	A Model for Classification Based on the Functional Connectivity Pattern Dynamics of the Brain. , 2016, , .		4
31	How you type is who you are. , 2016, , .		4
32	Designing Explainable Text Classification Pipelines: Insights from IT Ticket Complexity Prediction Case Study. Studies in Computational Intelligence, 2021, , 293-332.	0.9	4
33	Value-transformation for monotone prediction by approximating fuzzy membership functions. , 2011, , .		3
34	Speeding up the SUCCESS Approach for Massive Industrial Datasets. , 2020, , .		3
35	Correcting the hub occurrence prediction bias in many dimensions. Computer Science and Information Systems, 2016, 13, 1-21.	1.0	3
36	RECORD: Reference-Assisted Genome Assembly for Closely Related Genomes. International Journal of Genomics, 2015, 2015, 1-10.	1.6	2

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37	Drug-target interaction prediction with hubness-aware machine learning. , 2016, , .		2
38	Graph-Based Model-Selection Framework for Large Ensembles. Lecture Notes in Computer Science, 2010, , 557-564.	1.3	2
39	Towards better modeling of supermarkets. , 2010, , .		1
40	IQ estimation for accurate time-series classification. , 2011, , .		1
41	Graph-based clustering based on cutting sets. , 2011, , .		1
42	Community Structure Detection for the Functional Connectivity Networks of the Brain. Lecture Notes in Computer Science, 2016, , 633-643.	1.3	1
43	Convolutional Neural Networks with Dynamic Convolution for Time Series Classification. Communications in Computer and Information Science, 2021, , 304-312.	0.5	1
44	Relation Extraction for Semantic Web with Taxonomic Sequential Patterns. , 2011, , 185-209.		1
45	SOHAC: Efficient Storage of Tick Data That Supports Search and Analysis. Lecture Notes in Computer Science, 2012, , 38-51.	1.3	1
46	Projection-Based Person Identification. Advances in Intelligent Systems and Computing, 2018, , 221-228.	0.6	1
47	Improving Autoencoder Training Performance forÂHyperspectral Unmixing withÂNetwork Reinitialisation. Lecture Notes in Computer Science, 2022, , 391-403.	1.3	1
48	Partitional clustering of tick data to reduce storage space. , 2012, , .		0
49	Factorization Machines for Blog Feedback Prediction. Advances in Intelligent Systems and Computing, 2020, , 79-85.	0.6	0
50	Semi-supervised Naive Hubness Bayesian k-Nearest Neighbor for Gene Expression Data. Advances in Intelligent Systems and Computing, 2016, , 101-110.	0.6	0
51	Encouraging an appropriate representation simplifies training of neural networks. Acta Universitatis Sapientiae: Informatica, 2020, 12, 102-111.	0.4	0