Dariusz Brzezinski

List of Publications by Year in descending order

34 papers	1,221 citations	623734 14 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	1027 citing authors

#	Article	IF	Citations
1	Rule Confirmation Measures: Properties, Visual Analysis and Applications. Multiple Criteria Decision Making, 2022, , 401-423.	0.8	1
2	Covidâ€19.bioreproducibility.org: A web resource for <scp>SARSâ€CoV</scp>â€2â€related structural models. Protein Science, 2021, 30, 115-124.	7.6	15
3	Synchrotron radiation as a tool for macromolecular X-Ray Crystallography: A XXI century perspective. Nuclear Instruments & Methods in Physics Research B, 2021, 489, 30-40.	1.4	3
4	Crystallographic models of SARS-CoV-2 3CL^{pro}: in-depth assessment of structure quality and validation. IUCrJ, 2021, 8, 238-256.	2.2	21
5	Rapid response to emerging biomedical challenges and threats. IUCrJ, 2021, 8, 395-407.	2.2	5
6	The impact of data difficulty factors on classification of imbalanced and concept drifting data streams. Knowledge and Information Systems, 2021, 63, 1429-1469.	3.2	22
7	Recognizing and validating ligands with CheckMyBlob. Nucleic Acids Research, 2021, 49, W86-W92.	14.5	9
8	Detecting anomalies in X-ray diffraction images using convolutional neural networks. Expert Systems With Applications, 2021, 174, 114740.	7.6	9
9	On the Dynamics of Classification Measures for Imbalanced and Streaming Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2868-2878.	11.3	33
10	Conformation-dependent restraints for polynucleotides: the sugar moiety. Nucleic Acids Research, 2020, 48, 962-973.	14.5	16
11	Ligandâ€centered assessment of SARSâ€CoVâ€2 drug target models in the Protein Data Bank. FEBS Journal, 2020, 287, 3703-3718.	4.7	35
12	On the evolution of the quality of macromolecular models in the PDB. FEBS Journal, 2020, 287, 2685-2698.	4.7	15
13	Molecular determinants of vascular transport of dexamethasone in COVID-19 therapy. IUCrJ, 2020, 7, 1048-1058.	2.2	12
14	Automatic recognition of ligands in electron density by machine learning. Bioinformatics, 2019, 35, 452-461.	4.1	22
15	Accurate geometrical restraints for Watsonâ€“Crick base pairs. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 235-245.	1.1	14
16	Ensemble Classifiers for Imbalanced and Evolving Data Streams. Series in Machine Perception and Artificial Intelligence, 2018, , 44-68.	0.1	11
17	Visual-based analysis of classification measures and their properties for class imbalanced problems. Information Sciences, 2018, 462, 242-261.	6.9	32
18	Prequential AUC: properties of the area under the ROC curve for data streams with concept drift. Knowledge and Information Systems, 2017, 52, 531-562.	3.2	88

#	Article	IF	Citations
19	Discovering Minority Sub-clusters and Local Difficulty Factors from Imbalanced Data. Lecture Notes in Computer Science, 2017, , 324-339.	1.3	5
20	Bayesian Confirmation Measures in Rule-Based Classification. Lecture Notes in Computer Science, 2017, , 39-53.	1.3	2
21	Stream Classification. , 2017, , 1191-1199.		9
22	Using Network Analysis to Improve Nearest Neighbor Classification of Non-network Data. Lecture Notes in Computer Science, 2017, , 105-115.	1.3	1
23	Conformation-dependent restraints for polynucleotides: I. Clustering of the geometry of the phosphodiester group. Nucleic Acids Research, 2016, 44, 8479-8489.	14.5	16
24	Clustering XML documents by patterns. Knowledge and Information Systems, 2016, 46, 185-212.	3.2	15
25	Stream Classification. , 2016, , 1-9.		3
26	Ensemble Diversity in Evolving Data Streams. Lecture Notes in Computer Science, 2016, , 229-244.	1.3	11
27	Structural XML Classification in Concept Drifting Data Streams. New Generation Computing, 2015, 33, 345-366.	3.3	10
28	XML clustering: a review of structural approaches. Knowledge Engineering Review, 2015, 30, 297-323.	2.6	11
29	Prequential AUC for Classifier Evaluation and Drift Detection in Evolving Data Streams. Lecture Notes in Computer Science, 2015, , 87-101.	1.3	23
30	Reacting to Different Types of Concept Drift: The Accuracy Updated Ensemble Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 81-94.	11.3	316
31	Open challenges for data stream mining research. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2014, 16, 1-10.	4.0	215
32	Combining block-based and online methods in learning ensembles from concept drifting data streams. Information Sciences, 2014, 265, 50-67.	6.9	135
33	Adaptive XML Stream Classification Using Partial Tree-Edit Distance. Lecture Notes in Computer Science, 2014, , 10-19.	1.3	1
34	Accuracy Updated Ensemble for Data Streams with Concept Drift. Lecture Notes in Computer Science, 2011, , 155-163.	1.3	83