Ulrich Bodenhofer

List of Publications by Year
in descending order

54 papers	2,813 citations	257450 24 h-index	223800 46 g-index
60 all docs	60 docs citations	60 times ranked	5553 citing authors

#	Article	IF	Citations
1	Hsa-miR-3651 could serve as a novel predictor for in-breast recurrence via FRMD3. Breast Cancer, 2022, 29, 274-286.	2.9	4
2	Machine learning-based risk profile classification of patients undergoing elective heart valve surgery. European Journal of Cardio-thoracic Surgery, 2021, 60, 1378-1385.	1.4	9
3	Randomised controlled trials should be analysed using one-sided tests: PRO. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100981.	1.4	0
4	Hsa-miR-375/RASD1 Signaling May Predict Local Control in Early Breast Cancer. Genes, 2020, 11, 1404.	2.4	7
5	Machine learning identifies an immunological pattern associated with multiple juvenile idiopathic arthritis subtypes. Annals of the Rheumatic Diseases, 2019, 78, 617-628.	0.9	38
6	Multivariate analytics of chromatographic data: Visual computing based on moving window factor models. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 179-190.	2.3	4
7	Defining objective clusters for rabies virus sequences using affinity propagation clustering. PLoS Neglected Tropical Diseases, 2018, 12, e0006182.	3.0	18
8	Learning the High-Dimensional Immunogenomic Features That Predict Public and Private Antibody Repertoires. Journal of Immunology, 2017, 199, 2985-2997.	0.8	124
9	Transcriptome Profiling of Antimicrobial Resistance in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2016, 60, 4722-4733.	3.2	67
10	A joint modeling approach for uncovering associations between gene expression, bioactivity and chemical structure in early drug discovery to guide lead selection and genomic biomarker development. Statistical Applications in Genetics and Molecular Biology, 2016, 15, 291-304.	0.6	5
11	Weighted similarity-based clustering of chemical structures and bioactivity data in early drug discovery. Journal of Bioinformatics and Computational Biology, 2016, 14, 1650018.	0.8	6
12	Hsa-miR-375 is a predictor of local control in early stage breast cancer. Clinical Epigenetics, 2016, 8, 28.	4.1	44
13	Using transcriptomics to guide lead optimization in drug discovery projects: Lessons learned from the QSTAR project. Drug Discovery Today, 2015, 20, 505-513.	6.4	80
14	KeBABS: an R package for kernel-based analysis of biological sequences. Bioinformatics, 2015, 31, 2574-2576.	4.1	44
15	Integrating High-Dimensional Transcriptomics and Image Analysis Tools into Early Safety Screening: Proof of Concept for a New Early Drug Development Strategy. Chemical Research in Toxicology, 2015, 28, 1914-1925.	3.3	10
16	msa: an R package for multiple sequence alignment. Bioinformatics, 2015, 31, 3997-3999.	4.1	458
17	Connecting gene expression data from connectivity map and in silico target predictions for small molecule mechanism-of-action analysis. Molecular BioSystems, 2015, 11, 86-96.	2.9	28
18	Graded dominance and related graded properties of fuzzy connectives. Fuzzy Sets and Systems, 2015, 262, 78-101.	2.7	13

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19	Lck Mediates Signal Transmission from CD59 to the TCR/CD3 Pathway in Jurkat T Cells. PLoS ONE, 2014, 9, e85934.	2.5	25
20	Testing noisy numerical data for monotonic association. Information Sciences, 2013, 245, 21-37.	6.9	20
21	cn.MOPS: mixture of Poissons for discovering copy number variations in next-generation sequencing data with a low false discovery rate. Nucleic Acids Research, 2012, 40, e69-e69.	14.5	394
22	Genome-Wide Chromatin Remodeling Identified at GC-Rich Long Nucleosome-Free Regions. PLoS ONE, 2012, 7, e47924.	2.5	13
23	APCluster: an R package for affinity propagation clustering. Bioinformatics, 2011, 27, 2463-2464.	4.1	407
24	Complex Networks Govern Coiled-Coil Oligomerization â€“ Predicting and Profiling by Means of a Machine Learning Approach. Molecular and Cellular Proteomics, 2011, 10, M110.004994.	3.8	39
25	Continuity issues of the implicational interpretation of fuzzy rules. Fuzzy Sets and Systems, 2010, 161, 1959-1972.	2.7	24
26	FABIA: factor analysis for bicluster acquisition. Bioinformatics, 2010, 26, 1520-1527.	4.1	258
27	On a Graded Notion of t-Norm and Dominance. , 2010, , .		1
28	Systematic Characterization of Initial Calcium Signaling in T Cells. Biophysical Journal, 2010, 98, 22a.	0.5	0
29	Semi-automatic identification of print layers from a sequence of sample images: A case study from banknote print inspection. Image and Vision Computing, 2009, 27, 989-998.	4.5	3
30	Relations in Fuzzy Class Theory:. Fuzzy Sets and Systems, 2008, 159, 1729-1772.	2.7	26
31	STRICT FUZZY ORDERINGS WITH A GIVEN CONTEXT OF SIMILARITY. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2008, 16, 147-178.	1.9	15
32	Lexicographic Composition of Similarity-Based Fuzzy Orderings. , 2008, , 457-469.		0
33	A Plea for the Usefulness of the Deductive Interpretation of Fuzzy Rules in Engineering Applications. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	17
34	A compendium of fuzzy weak orders: Representations and constructions. Fuzzy Sets and Systems, 2007, 158, 811-829.	2.7	74
35	Special Issue on Soft Computing for Information Mining. Soft Computing, 2006, 11, 397-399.	3.6	3
36	Syntax-driven Analysis of Context-free Languages with Respect to Fuzzy Relational Semantics. , 2006, , .		1

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37	Correspondences Between Fuzzy Equivalence Relations and Kernels: Theoretical Results and Potential Applications. , 2006, , .		0
38	Flexible Query Answering Using Distance-Based Fuzzy Relations. Lecture Notes in Computer Science, 2006, , 207-228.	1.3	7
39	Aggregation of Fuzzy Relations and Preservation of Transitivity. Lecture Notes in Computer Science, 2006, , 185-206.	1.3	0
40	Fuzzy orderings in flexible query answering systems. Soft Computing, 2004, 8, 512-522.	3.6	29
41	A formal study of linearity axioms for fuzzy orderings. Fuzzy Sets and Systems, 2004, 145, 323-354.	2.7	27
42	A unified framework of opening and closure operators with respect to arbitrary fuzzy relations. Soft Computing, 2003, 7, 220-227.	3.6	33
43	A note on approximate equality versus the PoincarÃ© paradox. Fuzzy Sets and Systems, 2003, 133, 155-160.	2.7	9
44	Representations and constructions of similarity-based fuzzy orderings. Fuzzy Sets and Systems, 2003, 137, 113-136.	2.7	89
45	FS-FOIL: an inductive learning method for extracting interpretable fuzzy descriptions. International Journal of Approximate Reasoning, 2003, 32, 131-152.	3.3	37
46	A Formal Model of Interpretability of Linguistic Variables. Studies in Fuzziness and Soft Computing, 2003, , 524-545.	0.8	34
47	Openings and closures of fuzzy preorderings: theoretical basics and applications to fuzzy rule-based systems. International Journal of General Systems, 2003, 32, 343-360.	2.5	48
48	Fuzzy â€œBetweenâ€•Operators in the Framework of Fuzzy Orderings. , 2003, , 59-70.		4
49	DOMINATION OF AGGREGATION OPERATORS AND PRESERVATION OF TRANSITIVITY. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2002, 10, 11-35.	1.9	98
50	Mining clusters and corresponding interpretable descriptions - a three-stage approach. Expert Systems, 2002, 19, 224-234.	4.5	14
51	Approximation of Belief Functions by Minimizing Euclidean Distances. Advances in Intelligent and Soft Computing, 2002, , 170-177.	0.2	1
52	A General Framework for Ordering Fuzzy Sets. Studies in Fuzziness and Soft Computing, 2002, , 213-224.	0.8	4
53	A SIMILARITY-BASED GENERALIZATION OF FUZZY ORDERINGS PRESERVING THE CLASSICAL AXIOMS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2000, 08, 593-610.	1.9	88
54	Interpretation of self-organizing maps with fuzzy rules. , 0, , .		9