

# Ruben Armananzas Arnedillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9119799/publications.pdf>

Version: 2024-02-01

29  
papers

1,878  
citations

471509

17  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3202  
citing authors

#	ARTICLE	IF	CITATIONS
1	A community-based transcriptomics classification and nomenclature of neocortical cell types. <i>Nature Neuroscience</i> , 2020, 23, 1456-1468.	14.8	183
2	PaperBot: open-source web-based search and metadata organization of scientific literature. <i>BMC Bioinformatics</i> , 2019, 20, 50.	2.6	14
3	An open repository for single-cell reconstructions of the brain forest. <i>Scientific Data</i> , 2018, 5, 180006.	5.3	71
4	Revealing post-transcriptional microRNA-mRNA regulations in Alzheimer's disease through ensemble graphs. <i>BMC Genomics</i> , 2018, 19, 668.	2.8	2
5	Voxel-Based Diagnosis of Alzheimer's Disease Using Classifier Ensembles. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 778-784.	6.3	40
6	Win-win data sharing in neuroscience. <i>Nature Methods</i> , 2017, 14, 112-116.	19.0	75
7	Ensemble graphs to reveal post-transcriptional regulatory networks in Alzheimer's disease. , 2017, , .		0
8	Genetic algorithms and Gaussian Bayesian networks to uncover the predictive core set of bibliometric indices. <i>Journal of the Association for Information Science and Technology</i> , 2016, 67, 1703-1721.	2.9	8
9	Doubling up on the Fly: NeuroMorpho.Org Meets Big Data. <i>Neuroinformatics</i> , 2015, 13, 127-129.	2.8	20
10	The importance of metadata to assess information content in digital reconstructions of neuronal morphology. <i>Cell and Tissue Research</i> , 2015, 360, 121-127.	2.9	30
11	Towards the automatic classification of neurons. <i>Trends in Neurosciences</i> , 2015, 38, 307-318.	8.6	90
12	Discretization of Expression Quantitative Trait Loci in Association Analysis Between Genotypes and Expression Data. <i>Current Bioinformatics</i> , 2015, 10, 144-164.	1.5	1
13	Comparison of metaheuristic strategies for peakbin selection in proteomic mass spectrometry data. <i>Information Sciences</i> , 2013, 222, 229-246.	6.9	14
14	Unveiling relevant non-motor Parkinson's disease severity symptoms using a machine learning approach. <i>Artificial Intelligence in Medicine</i> , 2013, 58, 195-202.	6.5	50
15	Network measures for information extraction in evolutionary algorithms. <i>International Journal of Computational Intelligence Systems</i> , 2013, 6, 1163-1188.	2.7	13
16	Machine Learning Approach for the Outcome Prediction of Temporal Lobe Epilepsy Surgery. <i>PLoS ONE</i> , 2013, 8, e62819.	2.5	45
17	Ensemble transcript interaction networks: A case study on Alzheimer's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 442-450.	4.7	9
18	Identification of a biomarker panel for colorectal cancer diagnosis. <i>BMC Cancer</i> , 2012, 12, 43.	2.6	40

#	ARTICLE	IF	CITATIONS
19	Peakbin Selection in Mass Spectrometry Data Using a Consensus Approach with Estimation of Distribution Algorithms. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 760-774.	3.0	26
20	Machine Learning: An Indispensable Tool in Bioinformatics. Methods in Molecular Biology, 2010, 593, 25-48.	0.9	61
21	<b>Mateda-2.0</b>: A<i>MATLAB</i>Package for the Implementation and Analysis of Estimation of Distribution Algorithms. Journal of Statistical Software, 2010, 35, .	3.7	37
22	Microarray Analysis of Autoimmune Diseases by Machine Learning Procedures. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 341-350.	3.2	15
23	Differential Micro RNA Expression in PBMC from Multiple Sclerosis Patients. PLoS ONE, 2009, 4, e6309.	2.5	222
24	A review of estimation of distribution algorithms in bioinformatics. BioData Mining, 2008, 1, 6.	4.0	61
25	What is behind a summary-evaluation decision?. Behavior Research Methods, 2008, 40, 597-612.	4.0	4
26	Detecting reliable gene interactions by a hierarchy of Bayesian network classifiers. Computer Methods and Programs in Biomedicine, 2008, 91, 110-121.	4.7	23
27	Gene Expression Profiling in Limb-Girdle Muscular Dystrophy 2A. PLoS ONE, 2008, 3, e3750.	2.5	41
28	Bayesian Classifiers with Consensus Gene Selection: A Case Study in the Systemic Lupus Erythematosus. Mathematics in Industry, 2008, , 560-565.	0.3	2
29	Machine learning in bioinformatics. Briefings in Bioinformatics, 2006, 7, 86-112.	6.5	674