

Alfonso E Romero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1847403/publications.pdf>

Version: 2024-02-01

25
papers

1,842
citations

759233

12
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

2588
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein function prediction for newly sequenced organisms. <i>Nature Machine Intelligence</i> , 2021, 3, 1050-1060.	16.0	13
2	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. <i>Genome Biology</i> , 2019, 20, 244.	8.8	261
3	Agent-oriented activity recognition in the event calculus: An application for diabetic patients. <i>Computational Intelligence</i> , 2017, 33, 899-925.	3.2	7
4	Neurogenomic Signatures of Successes and Failures in Life-History Transitions in a Key Insect Pollinator. <i>Genome Biology and Evolution</i> , 2017, 9, 3059-3072.	2.5	14
5	mutation3D: Cancer Gene Prediction Through Atomic Clustering of Coding Variants in the Structural Proteome. <i>Human Mutation</i> , 2016, 37, 447-456.	2.5	94
6	A network medicine approach to quantify distance between hereditary disease modules on the interactome. <i>Scientific Reports</i> , 2016, 5, 17658.	3.3	17
7	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.	8.8	308
8	Activity Recognition for Diabetic Patients Using a Smartphone. <i>Journal of Medical Systems</i> , 2016, 40, 256.	3.6	28
9	Recognising lifestyle activities of diabetic patients with a smartphone. , 2015, , .		11
10	A probabilistic methodology for multilabel classification. <i>Intelligent Data Analysis</i> , 2014, 18, 911-926.	0.9	1
11	GOsTo: a stand-alone application and a web tool for calculating semantic similarities on the Gene Ontology. <i>Bioinformatics</i> , 2014, 30, 2235-2236.	4.1	44
12	An extensive analysis of disease-gene associations using network integration and fast kernel-based gene prioritization methods. <i>Artificial Intelligence in Medicine</i> , 2014, 61, 63-78.	6.5	49
13	Activity Recognition for an Agent-Oriented Personal Health System. <i>Lecture Notes in Computer Science</i> , 2014, , 254-269.	1.3	5
14	A large-scale evaluation of computational protein function prediction. <i>Nature Methods</i> , 2013, 10, 221-227.	19.0	789
15	Scientific impact evaluation and the effect of self-citations: Mitigating the bias by discounting the h-index. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 2332-2339.	2.6	41
16	Exploring the evolutionary path of plant MAPK networks. <i>Trends in Plant Science</i> , 2012, 17, 518-525.	8.8	94
17	Probabilistic Methods for Link-Based Classification at INEX 2008. <i>Lecture Notes in Computer Science</i> , 2009, , 453-459.	1.3	3
18	A note about Norbert Wiener and his contribution to Harmonic Analysis and Tauberian Theorems. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Bayesian network models for hierarchical text classification from a thesaurus. International Journal of Approximate Reasoning, 2009, 50, 932-944.	3.3	27
20	New Utility Models for the Garnata Information Retrieval System at INEX™08. Lecture Notes in Computer Science, 2009, , 39-45.	1.3	4
21	Probabilistic Methods for Structured Document Classification at INEX™07. Lecture Notes in Computer Science, 2008, , 195-206.	1.3	4
22	The Garnata Information Retrieval System at INEX™07. Lecture Notes in Computer Science, 2008, , 57-69.	1.3	3
23	Influence Diagrams and Structured Retrieval: Garnata Implementing the SID and CID Models at INEX™06. Lecture Notes in Computer Science, 2007, , 165-177.	1.3	3
24	Automatic Indexing from a Thesaurus Using Bayesian Networks: Application to the Classification of Parliamentary Initiatives. Lecture Notes in Computer Science, 2007, , 865-877.	1.3	6
25	An Information Retrieval System for Parliamentary Documents. , 0, , 203-223.		2