

Joseph D Romano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6223471/publications.pdf>

Version: 2024-02-01

12
papers

219
citations

1306789

7
h-index

1281420

11
g-index

18
all docs

18
docs citations

18
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Informatics and Computational Methods in Natural Product Drug Discovery: A Review and Perspectives. <i>Frontiers in Genetics</i> , 2019, 10, 368.	1.1	95
2	Systems biology approaches for identifying adverse drug reactions and elucidating their underlying biological mechanisms. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 104-122.	6.6	42
3	Embedding covariate adjustments in tree-based automated machine learning for biomedical big data analyses. <i>BMC Bioinformatics</i> , 2020, 21, 430.	1.2	15
4	PMLB v1.0: an open-source dataset collection for benchmarking machine learning methods. <i>Bioinformatics</i> , 2022, 38, 878-880.	1.8	15
5	TPOT-NN: augmenting tree-based automated machine learning with neural network estimators. <i>Genetic Programming and Evolvable Machines</i> , 2021, 22, 207-227.	1.5	13
6	VenomKB, a new knowledge base for facilitating the validation of putative venom therapies. <i>Scientific Data</i> , 2015, 2, 150065.	2.4	9
7	The promise of automated machine learning for the genetic analysis of complex traits. <i>Human Genetics</i> , 2022, 141, 1529-1544.	1.8	9
8	Automating Predictive Toxicology Using ComptoxAI. <i>Chemical Research in Toxicology</i> , 2022, 35, 1370-1382.	1.7	5
9	Improving QSAR Modeling for Predictive Toxicology using Publicly Aggregated Semantic Graph Data and Graph Neural Networks. , 2021, , .		4
10	Adapting simultaneous analysis phylogenomic techniques to study complex disease gene relationships. <i>Journal of Biomedical Informatics</i> , 2015, 54, 10-38.	2.5	3
11	Using a Novel Ontology to Inform the Discovery of Therapeutic Peptides from Animal Venoms. <i>AMIA Summits on Translational Science Proceedings</i> , 2016, 2016, 209-18.	0.4	3
12	Ten simple rules for writing a paper about scientific software. <i>PLoS Computational Biology</i> , 2020, 16, e1008390.	1.5	1