Amanda Clare

List of Publications by Year
in descending order

23	968	932766 10	794141 19
papers	citations	h-index	g-index

33	33	33	1510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Automation of Science. Science, 2009, 324, 85-89.	6.0	458
2	Measuring scientific impact beyond academia: An assessment of existing impact metrics and proposed improvements. PLoS ONE, 2017, 12, e0173152.	1.1	118
3	Towards Robot Scientists for autonomous scientific discovery. Automated Experimentation, 2010, 2, 1.	2.0	101
4	An ontology for a Robot Scientist. Bioinformatics, 2006, 22, e464-e471.	1.8	56
5	Accurate Prediction of Protein Functional Class from Sequence in theMycobacterium tuberculosisandEscherichia coliGenomes Using Data Mining. Yeast, 2000, 1, 283-293.	0.8	42
6	The EXACT description of biomedical protocols. Bioinformatics, 2008, 24, i295-i303.	1.8	31
7	The Robot Scientist Adam. Computer, 2009, 42, 46-54.	1.2	28
8	Replicating complex agent based models, a formidable task. Environmental Modelling and Software, 2017, 92, 142-151.	1.9	22
9	How well do we understand the clusters found in microarray data?. In Silico Biology, 2002, 2, 511-22.	0.4	22
10	No one tool to rule them all: prokaryotic gene prediction tool annotations are highly dependent on the organism of study. Bioinformatics, 2022, 38, 1198-1207.	1.8	20
11	On the complexity of haplotyping a microbial community. Bioinformatics, 2021, 37, 1360-1366.	1.8	17
12	AutoLabDB: a substantial open source database schema to support a high-throughput automated laboratory. Bioinformatics, 2012, 28, 1390-1397.	1.8	8
13	A natural language system for retrieval of captioned images. Natural Language Engineering, 2001, 7, 117-142.	2.1	7
14	PD5: A General Purpose Library for Primer Design Software. PLoS ONE, 2013, 8, e80156.	1.1	5
15	Evolutionary search techniques for the Lyndon factorization of biosequences. , 2019, , .		4
16	Wiki based management of chemometric research projects. Journal of Chemometrics, 2010, 24, 408-417.	0.7	3
17	Goldilocks: a tool for identifying genomic regions that are â€˜just rightâ€™. Bioinformatics, 2016, 32, 2047-2049.	1.8	3
18	Enhanced string factoring from alphabet orderings. Information Processing Letters, 2019, 143, 4-7.	0.4	2

#	Article	IF	Citations
19	A Tool for Multiple Targeted Genome Deletions that Is Precise, Scar-Free, and Suitable for Automation. PLoS ONE, 2015, 10, e0142494.	1.1	1
20	Inductive Queries for a Drug Designing Robot Scientist. , 2010, , 425-451.		1
21	Laboratory Automation in a Functional Programming Language. Journal of the Association for Laboratory Automation, 2014, 19, 569-576.	2.8	0
22	Review of â€œA functional start to computing with Pythonâ€, Ted Herman, CRC Press, 2014, ISBN 978-1-4665-0455-4. Journal of Functional Programming, 2015, 25, .	0.5	0
23	Evaluation of a Permutation-Based Evolutionary Framework for Lyndon Factorizations. Lecture Notes in Computer Science, 2020, , 390-403.	1.0	0