

# Sarah Cohen-Boulakia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5955566/publications.pdf>

Version: 2024-02-01

41  
papers

1,482  
citations

516710

16  
h-index

526287

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2187  
citing authors

#	ARTICLE	IF	CITATIONS
1	NGPhylogeny.fr: new generation phylogenetic services for non-specialists. Nucleic Acids Research, 2019, 47, W260-W265.	14.5	489
2	Scientific workflows for computational reproducibility in the life sciences: Status, challenges and opportunities. Future Generation Computer Systems, 2017, 75, 284-298.	7.5	104
3	FAIR Computational Workflows. Data Intelligence, 2020, 2, 108-121.	1.5	97
4	Querying and Managing Provenance through User Views in Scientific Workflows. , 2008, , .		94
5	The CoLoMoTo Interactive Notebook: Accessible and Reproducible Computational Analyses for Qualitative Biological Networks. Frontiers in Physiology, 2018, 9, 680.	2.8	67
6	Differencing Provenance in Scientific Workflows. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	40
7	Towards a Model of Provenance and User Views in Scientific Workflows. Lecture Notes in Computer Science, 2006, , 264-279.	1.3	40
8	Search, adapt, and reuse. SIGMOD Record, 2011, 40, 6-16.	1.2	39
9	PATH-BASED SYSTEMS TO GUIDE SCIENTISTS IN THE MAZE OF BIOLOGICAL DATA SOURCES. Journal of Bioinformatics and Computational Biology, 2006, 04, 1069-1095.	0.8	35
10	Addressing the provenance challenge using ZOOM. Concurrency Computation Practice and Experience, 2008, 20, 497-506.	2.2	35
11	Proteome informatics II: Bioinformatics for comparative proteomics. Proteomics, 2006, 6, 5445-5466.	2.2	34
12	OpenAlea. , 2015, , .		34
13	BioGuideSRS: querying multiple sources with a user-centric perspective. Bioinformatics, 2007, 23, 1301-1303.	4.1	33
14	Similarity search for scientific workflows. Proceedings of the VLDB Endowment, 2014, 7, 1143-1154.	3.8	33
15	Rank aggregation with ties. Proceedings of the VLDB Endowment, 2015, 8, 1202-1213.	3.8	24
16	InfraPhenoGrid: A scientific workflow infrastructure for plant phenomics on the Grid. Future Generation Computer Systems, 2017, 67, 341-353.	7.5	20
17	Using Medians to Generate Consensus Rankings for Biological Data. Lecture Notes in Computer Science, 2011, , 73-90.	1.3	16
18	Gene List significance at-a-glance with GeneValorization. Bioinformatics, 2011, 27, 1187-1189.	4.1	14

#	ARTICLE	IF	CITATIONS
19	Effective and efficient similarity search in scientific workflow repositories. Future Generation Computer Systems, 2016, 56, 584-594.	7.5	14
20	Distilling structure in Taverna scientific workflows: a refactoring approach. BMC Bioinformatics, 2014, 15, S12.	2.6	13
21	(Re)Use in Public Scientific Workflow Repositories. Lecture Notes in Computer Science, 2012, , 361-378.	1.3	13
22	PDiffView. Proceedings of the VLDB Endowment, 2009, 2, 1638-1641.	3.8	11
23	Layer Decomposition: An Effective Structure-Based Approach for Scientific Workflow Similarity. , 2014, , .		11
24	A User-Centric Framework for Accessing Biological Sources and Tools. Lecture Notes in Computer Science, 2005, , 3-18.	1.3	8
25	Next generation data integration for Life Sciences. , 2011, , .		5
26	Scientific workflow rewriting while preserving provenance. , 2012, , .		2
27	Biological Resource Discovery. , 2009, , 220-223.		2
28	SELECTING BIOLOGICAL DATA SOURCES AND TOOLS WITH XPR, A PATH LANGUAGE FOR RDF. , 2005, , 116-27.		1
29	Review of the selected proceedings of the Fifth International Workshop on Data Integration in the Life Sciences 2008. BMC Bioinformatics, 2008, 9, S1.	2.6	1
30	Distilling structure in scientific workflows. EMBnet Journal, 2012, 18, 100.	0.6	1
31	BioBrowsing: Making the Most of the Data Available in Entrez. Lecture Notes in Computer Science, 2009, , 283-291.	1.3	1
32	Provenance in Scientific Databases. , 2009, , 2202-2207.		1
33	Biological Metadata Management. , 2009, , 215-219.		1
34	Biological Metadata Management. , 2017, , 1-6.		1
35	Biological Resource Discovery. , 2017, , 1-5.		1
36	Reliability-Aware and Graph-Based Approach for Rank Aggregation of Biological Data. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	DistillFlow. , 2014, , .		0
38	Provenance in Scientific Databases. , 2017, , 1-6.		0
39	Biological Resource Discovery. , 2018, , 283-287.		0
40	Biological Metadata Management. , 2018, , 277-283.		0
41	Provenance in Scientific Databases. , 2018, , 2907-2912.		0