Lena StrÃ¶mbÃ¤ck

List of Publications by Year
in descending order

21 papers	357 citations	1478505 6 h-index	1372567 10 g-index
21 all docs	21 docs citations	21 times ranked	566 citing authors

#	Article	IF	Citations
1	Representations of molecular pathways: an evaluation of SBML, PSI MI and BioPAX. Bioinformatics, 2005, 21, 4401-4407.	4.1	128
2	A review of standards for data exchange within systems biology. Proteomics, 2007, 7, 857-867.	2.2	54
3	Representing, storing and accessing molecular interaction data: a review of models and tools. Briefings in Bioinformatics, 2006, 7, 331-338.	6.5	35
4	Biological Ontologies. , 2007, , 85-99.		28
5	European scale climate information services for water use sectors. Journal of Hydrology, 2015, 528, 503-513.	5.4	26
6	Towards climate services for European cities: Lessons learnt from the Copernicus project Urban SIS. Urban Climate, 2020, 31, 100549.	5.7	18
7	Information Integration in Bioinformatics with Ontologies and Standards. Lecture Notes in Computer Science, 2009, , 343-376.	1.3	17
8	Challenges for Modeling and Simulation Methods in Systems Biology. , 2006, , .		13
9	Using Mediation to Achieve Provenance Interoperability. , 2009, , .		12
10	A Method for Comparison of Standardized Information Within Systems Biology. , 2006, , .		5
11	An Evaluation of the Use of XML for Representation, Querying, and Analysis of Molecular Interactions. Lecture Notes in Computer Science, 2006, , 220-233.	1.3	5
12	A first study on strategies for generating workflow snippets. , 2009, , .		4
13	An Extension of XQuery for Graph Analysis of Biological Pathways. , 2009, , .		3
14	Customizable XML Management on a Navigational Database Framework. , 2008, , .		2
15	HShreX - A Tool for Design and Evaluation of Hybrid XML Storage. , 2009, , .		2
16	A Method for Semi-automatic Standard Integration in Systems Biology. Lecture Notes in Computer Science, 2008, , 745-752.	1.3	2
17	Using Mediation to Achieve Provenance Interoperability (Extended Abstract). , 2008, , .		1
18	XML Management for Bioinformatics Applications. Computing in Science and Engineering, 2011, 13, 12-23.	1.2	1

#	Article	IF	Citations
19	Generation of Synthetic XML for Evaluation of Hybrid XML Systems. Lecture Notes in Computer Science, 2010, , 191-202.	1.3	1
20	Interoperable and Easy-to-Use Web Services for the Bioinformatics Community - A Case Study. , 2010, , .		0
21	Creating Infrastructure for Tool-Independent Querying and Exploration of Scientific Workflows. , 2011, , .		0