Katja Hose

List of Publications by Year
in descending order

74	1,845	567281 15	414414 32
papers	citations	h-index	g-index

81	81	81	926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AMIE. , 2013, , .		321
2	Fast rule mining in ontological knowledge bases with AMIE $$+$$ +. VLDB Journal, 2015, 24, 707-730.	4.1	295
3	FedX: Optimization Techniques for Federated Query Processing on Linked Data. Lecture Notes in Computer Science, 2011, , 601-616.	1.3	185
4	Data summaries for on-demand queries over linked data. , 2010, , .		129
5	A survey of skyline processing in highly distributed environments. VLDB Journal, 2012, 21, 359-384.	4.1	108
6	Partout. , 2014, , .		69
7	Comparing data summaries for processing live queries over Linked Data. World Wide Web, 2011, 14, 495-544.	4.0	63
8	WARP: Workload-aware replication and partitioning for RDF. , 2013, , .		62
9	Processing relaxed skylines in PDMS using distributed data summaries. , 2006, , .		43
10	FedX: A Federation Layer for Distributed Query Processing on Linked Open Data. Lecture Notes in Computer Science, 2011, , 481-486.	1.3	43
11	SETL: A programmable semantic extract-transform-load framework for semantic data warehouses. Information Systems, 2017, 68, 17-43.	3.6	33
12	FrameBase: Representing N-Ary Relations Using Semantic Frames. Lecture Notes in Computer Science, 2015, , 505-521.	1.3	29
13	Aggregating and Disaggregating Flexibility Objects. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2893-2906.	5.7	28
14	The Odyssey Approach for Optimizing Federated SPARQL Queries. Lecture Notes in Computer Science, 2017, , 471-489.	1.3	26
15	Towards a Programmable Semantic Extract-Transform-Load Framework for Semantic Data Warehouses. , 2015, , .		21
16	Stream engines meet wireless sensor networks: cost-based planning and processing of complex queries in AnduIN. Distributed and Parallel Databases, 2011, 29, 151-183.	1.6	19
17	Towards benefit-based RDF source selection for SPARQL queries. , 2012, , .		19
18	A research agenda for query processing in large-scale peer data management systems. Information Systems, 2008, 33, 597-610.	3.6	18

#	Article	IF	Citations
19	Database Foundations for Scalable RDF Processing. Lecture Notes in Computer Science, 2011, , 202-249.	1.3	18
20	Towards Exploratory OLAP Over Linked Open Data â€“ A Case Study. Lecture Notes in Business Information Processing, 2015, , 114-132.	1.0	18
21	Processing Aggregate Queries in a Federation of SPARQL Endpoints. Lecture Notes in Computer Science, 2015, , 269-285.	1.3	17
22	Knowledge graph exploration. SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia, 2020, 2020, 1-8.	0.6	15
23	Distributed Data Summaries for Approximate Query Processing in PDMS. Database Engineering and Application Symposium (IDEAS), Proceedings of the International, 2006, , .	0.0	12
24	ColChain: Collaborative Linked Data Networks. , 2021, , .		12
25	Database techniques for linked data management. , 2012, , .		9
26	A foundation for spatial data warehouses on the Semantic Web. Semantic Web, 2018, 9, 557-587.	1.9	9
27	A Decentralized Architecture for Sharing and Querying Semantic Data. Lecture Notes in Computer Science, 2019, , 3-18.	1.3	8
28	When is it time to rethink the aggregate configuration of your OLAP server?. Proceedings of the VLDB Endowment, 2008, 1, 1492-1495.	3.8	8
29	S3K. , 2011, , .		7
30	Answering Provenance-Aware Queries on RDF Data Cubes Under Memory Budgets. Lecture Notes in Computer Science, 2018, , 547-565.	1.3	7
31	Decentralized Indexing over a Network of RDF Peers. Lecture Notes in Computer Science, 2019, , 3-20.	1.3	7
32	Heuristics for Connecting Heterogeneous Knowledge via FrameBase. Lecture Notes in Computer Science, 2016, , 20-35.	1.3	7
33	SETLBI: An Integrated Platform for Semantic Business Intelligence. , 2020, , .		7
34	Skyline Queries over Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 293-310.	1.3	7
35	Aggregating energy flexibilities under constraints. , 2016, , .		6
36	GeoSemOLAP. , 2017, , .		6

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37	High-level ETL for semantic data warehouses. Semantic Web, 2021, 13, 85-132.	1.9	6
38	Towards fully-fledged archiving for RDF datasets. Semantic Web, 2021, 12, 903-925.	1.9	6
39	Retrieving Textual Evidence for Knowledge Graph Facts. Lecture Notes in Computer Science, 2019, , 52-67.	1.3	6
40	Computing how-provenance for SPARQL queries via query rewriting. Proceedings of the VLDB Endowment, 2021, 14, 3389-3401.	3.8	6
41	Transparent Integration and Sharing of Life Cycle Sustainability Data with Provenance. Lecture Notes in Computer Science, 2020, , 378-394.	1.3	6
42	A design space for RDF data representations. VLDB Journal, 2022, 31, 347-373.	4.1	6
43	Assigning diagnosis codes using medication history. Artificial Intelligence in Medicine, 2022, 128, 102307.	6.5	6
44	Enabling Completeness-aware Querying in SPARQL. , 2017, , .		5
45	Searching the Web of Data. Lecture Notes in Computer Science, 2013, , 869-873.	1.3	5
46	A Relaxed But Not Necessarily Constrained Way from the Top to the Sky. , 2007, , 399-407.		5
47	Online Tuning of Aggregation Tables for OLAP. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	4
48	ROXXI. Proceedings of the VLDB Endowment, 2010, 3, 1589-1592.	3.8	4
49	Distributed skyline processing. , 2012, , .		4
50	Modeling and Querying Spatial Data Warehouses on the Semantic Web. Lecture Notes in Computer Science, 2016, , 3-22.	1.3	4
51	FrameBase: Enabling integration of heterogeneous knowledge. Semantic Web, 2017, 8, 817-850.	1.9	4
52	How Diverse Are Federated Query Execution Plans Really?. Lecture Notes in Computer Science, 2019, , 105-110.	1.3	4
53	Enabling Spatial OLAP Over Environmental and Farming Data with QB4SOLAP. Lecture Notes in Computer Science, 2016, , 287-304.	1.3	4
54	Developing and deploying sensor network applications with AnduIN. , 2009, , .		3

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55	An extended transaction model for cooperative authoring of XML data. Computer Science - Research and Development, 2009, 24, 85-100.	2.7	3
56	Maintenance strategies for routing indexes. Distributed and Parallel Databases, 2009, 26, 231-259.	1.6	3
57	Linked Data Management. , 2018, , 1-7.		3
58	An Open Source Dataset and Ontology for Product Footprinting. Lecture Notes in Computer Science, 2019, , 75-79.	1.3	3
59	Discovering diversified paths in knowledge bases. Proceedings of the VLDB Endowment, 2018, 11, 2002-2005.	3.8	3
60	Federated Data Science to Break Down Silos [Vision]. SIGMOD Record, 2022, 50, 16-22.	1.2	3
61	Power-aware data analysis in sensor networks. , 2010, , .		2
62	Towards constraint-based aggregation of energy flexibilities. , 2016, , .		2
63	How New is the (RDF) News?. , 2019, , .		2
64	RDF Stores. , 2018, , 3100-3106.		2
65	Colledge. , 2012, , .		2
66	Towards Assigning Diagnosis Codes Using Medication History. Lecture Notes in Computer Science, 2020, , 203-213.	1.3	2
67	Decentralized managing of replication objects in massively distributed systems. , 2008, , .		1
68	Skyline Queries. Datenbank-Spektrum, 2016, 16, 247-251.	1.3	1
69	Addressing structural and linguistic heterogeneity in the Web1. AI Communications, 2018, 31, 3-18.	1.2	1
70	ARDI: Automatic Generation of RDFS Models from Heterogeneous Data Sources. , 2019, , .		1
71	Cooperative Data Management for XML Data. Lecture Notes in Computer Science, 2007, , 308-318.	1.3	1
72	LUKe and MIKe. , 2012, , .		0

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73	Multidimensional enrichment of spatial RDF data for SOLAP. Semantic Web, 2021, 13, 5-39.	1.9	0
74	Linked Data Management. , 2019, , 1117-1123.		0