Jacopo Urbani

List of Publications by Year
in descending order

46	883	759233 12	526287 27
papers	citations	h-index	g-index

47	47	47	477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Materializing knowledge bases via trigger graphs. Proceedings of the VLDB Endowment, 2021, 14, 943-956.	3.8	8
2	TAKCO: A Platform for Extracting Novel Facts from Tables. , 2021, , .		3
3	Extracting N-ary Facts from Wikipedia Table Clusters. , 2020, , .		2
4	Searching for Embeddings in a Haystack: Link Prediction on Knowledge Graphs with Subgraph Pruning. , 2020, , .		8
5	Tab2Know: Building a Knowledge Base from Tables in Scientific Papers. Lecture Notes in Computer Science, 2020, , 349-365.	1.3	1
6	Handling Impossible Derivations During Stream Reasoning. Lecture Notes in Computer Science, 2020, , 3-19.	1.3	1
7	Adaptive Low-level Storage of Very Large Knowledge Graphs. , 2020, , .		7
8	Datalog Reasoning over Compressed RDF Knowledge Bases. , 2019, , .		5
9	Tracy: Tracing Facts over Knowledge Graphs and Text. , 2019, , .		10
10	ExFaKT. , 2019, , .		30
11	Extracting Novel Facts from Tables for Knowledge Graph Completion. Lecture Notes in Computer Science, 2019, , 364-381.	1.3	18
12	VLog: A Rule Engine for Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 19-35.	1.3	24
13	Reasoning at Scale. , 2019, , 1396-1401.		0
14	Predicting Entity Mentions in Scientific Literature. Lecture Notes in Computer Science, 2019, , 379-393.	1.3	0
15	A survey of large-scale reasoning on the Web of data. Knowledge Engineering Review, 2018, 33, .	2.6	14
16	Reasoning at Scale (Tutorial). Lecture Notes in Computer Science, 2018, , 227-235.	1.3	0
17	Efficient Model Construction for Horn Logic with VLog. Lecture Notes in Computer Science, 2018, , 680-688.	1.3	12
18	Reasoning at Scale. , 2018, , 1-6.		0

#	Article	IF	Citations
19	An Empirical Study on How the Distribution of Ontologies Affects Reasoning on the Web. Lecture Notes in Computer Science, 2017, , 69-86.	1.3	2
20	Enhancing Knowledge Graph Completion By Embedding Correlations. , 2017, , .		3
21	Expressive Stream Reasoning with Laser. Lecture Notes in Computer Science, 2017, , 87-103.	1.3	23
22	Exception-Enriched Rule Learning from Knowledge Graphs. Lecture Notes in Computer Science, 2016, , 234-251.	1.3	10
23	A Compact In-Memory Dictionary for RDF Data. Lecture Notes in Computer Science, 2015, , 205-220.	1.3	8
24	RDF-SQ: Mixing Parallel and Sequential Computation for Top-Down OWL RL Inference. Lecture Notes in Computer Science, 2015, , 125-138.	1.3	2
25	Hybrid reasoning on OWL RL. Semantic Web, 2014, 5, 423-447.	1.9	12
26	AJIRA: A Lightweight Distributed Middleware for MapReduce and Stream Processing. , 2014, , .		16
27	Efficient RDF stream reasoning with graphics processingunits (GPUs). , 2014, , .		6
28	Streaming the Web: Reasoning over dynamic data. Web Semantics, 2014, 25, 24-44.	2.9	107
29	Scalable RDF data compression with MapReduce. Concurrency Computation Practice and Experience, 2013, 25, 24-39.	2.2	33
30	DynamiTE: Parallel Materialization of Dynamic RDF Data. Lecture Notes in Computer Science, 2013, , 657-672.	1.3	30
31	Seven Commandments for Benchmarking Semantic Flow Processing Systems. Lecture Notes in Computer Science, 2013, , 305-319.	1.3	12
32	Reply to comment on â€œWebPIE: A Web-scale parallel inference engine using MapReduceâ€• Web Semantics, 2012, 15, 71-72.	2.9	1
33	Corrigendum to â€œWebPIE: A Web-scale Parallel Inference Engine using MapReduceâ€•[Web Semant. Sci. Serv. Agents World Wide Web 10 (2012) 59â€“75]. Web Semantics, 2012, 17, 44.	2.9	1
34	WebPIE: A Web-scale Parallel Inference Engine using MapReduce. Web Semantics, 2012, 10, 59-75.	2.9	126
35	WebPIE: A Web-Scale Parallel Inference Engine Using MapReduce. SSRN Electronic Journal, 2012, , .	0.4	8
36	Robust Runtime Optimization and Skew-Resistant Execution of Analytical SPARQL Queries on Pig. Lecture Notes in Computer Science, 2012, , 247-262.	1.3	14

#	Article	IF	Citations
37	Scalable integration and processing of linked data. , 2011, , .		0
38	QueryPIE: Backward Reasoning for OWL Horst over Very Large Knowledge Bases. Lecture Notes in Computer Science, 2011, , 730-745.	1.3	42
39	Massive Semantic Web data compression with MapReduce. , 2010, , .		22
40	OWL Reasoning with WebPIE: Calculating the Closure of 100 Billion Triples. Lecture Notes in Computer Science, 2010, , 213-227.	1.3	104
41	Scalable and Parallel Reasoning in the Semantic Web. Lecture Notes in Computer Science, 2010, , 488-492.	1.3	1
42	Scalable Distributed Reasoning Using MapReduce. Lecture Notes in Computer Science, 2009, , 634-649.	1.3	142
43	The Quest for Parallel Reasoning on the Semantic Web. Lecture Notes in Computer Science, 2009, , 430-441.	1.3	7
44	Streaming the Web: Reasoning Over Dynamic Data. SSRN Electronic Journal, 0, , .	0.4	5
45	Corrigendum to WebPIE: A Web-Scale Parallel Inference Engine Using MapReduce. SSRN Electronic Journal, 0, , .	0.4	0
46	Response to Comments on Webpie. SSRN Electronic Journal, 0, , .	0.4	0