Aidan Hogan

List of Publications by Year
in descending order

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66 papers	2,564 citations	257101 24 h-index	205818 48 g-index
69 all docs	69 docs citations	69 times ranked	1273 citing authors

#	Article	IF	Citations
1	Knowledge Graphs. ACM Computing Surveys, 2022, 54, 1-37.	16.1	585
2	A survey of RDF stores & SPARQL engines for querying knowledge graphs. VLDB Journal, 2022, 31, 1-26.	2.7	32
3	Semantics and canonicalisation of SPARQLÂ1.1. Semantic Web, 2022, 13, 829-893.	1.1	2
4	Multilayer graphs. , 2022, , .		3
5	Correction to: The Semantic Web: ESWC 2021 Satellite Events. Lecture Notes in Computer Science, 2021, , C1-C1.	1.0	0
6	Merging Web Tables for Relation Extraction with Knowledge Graphs. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	2
7	Worst-Case Optimal Graph Joins in Almost No Space. , 2021, , .		13
8	Knowledge Graphs. Synthesis Lectures on Data, Semantics and Knowledge, 2021, 12, 1-257.	3.9	63
9	Information extraction meets the Semantic Web: A survey. Semantic Web, 2020, 11, 255-335.	1.1	95
10	The Semantic Web: Two decades on. Semantic Web, 2020, 11, 169-185.	1.1	14
11	Knowledge Graphs: Research Directions. Lecture Notes in Computer Science, 2020, , 223-253.	1.0	2
12	Extending SPARQL with Similarity Joins. Lecture Notes in Computer Science, 2020, , 201-217.	1.0	2
13	A Worst-Case Optimal Join Algorithm for SPARQL. Lecture Notes in Computer Science, 2019, , 258-275.	1.0	18
14	RDF Explorer: A Visual SPARQL Query Builder. Lecture Notes in Computer Science, 2019, , 647-663.	1.0	17
15	BTC-2019: The 2019 Billion Triple Challenge Dataset. Lecture Notes in Computer Science, 2019, , 163-180.	1.0	7
16	Foundations of Modern Query Languages for Graph Databases. ACM Computing Surveys, 2018, 50, 1-40.	16.1	173
17	PubTag: Generating Research Tag-Clouds with Keyphrase Extraction and Learning-to-Rank. , 2018, , .		1
18	Canonicalisation of Monotone SPARQL Queries. Lecture Notes in Computer Science, 2018, , 600-616.	1.0	4

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19	Certain Answers for SPARQL with Blank Nodes. Lecture Notes in Computer Science, 2018, , 337-353.	1.0	2
20	SPORTAL. , 2018, , 368-401.		0
21	Cataloguing the Context of Public SPARQL Endpoints. Advances in Web Technologies and Engineering Book Series, 2018, , 295-328.	0.4	0
22	SPARQLES: Monitoring public SPARQL endpoints. Semantic Web, 2017, 8, 1049-1065.	1.1	44
23	Canonical Forms for Isomorphic and Equivalent RDF Graphs. ACM Transactions on the Web, 2017, 11, 1-62.	2.0	16
24	IMGpedia: A Linked Dataset with Content-Based Analysis of Wikimedia Images. Lecture Notes in Computer Science, 2017, , 84-93.	1.0	26
25	SPORTAL. International Journal on Semantic Web and Information Systems, 2016, 12, 134-163.	2.2	14
26	Applying Community Detection Methods to Cluster Tags in Multimedia Search Results. , 2016, , .		3
27	Linked Dataset description papers at the Semantic Web journal: A critical assessment. Semantic Web, 2016, 7, 105-116.	1.1	11
28	Querying Wikidata: Comparing SPARQL, Relational and Graph Databases. Lecture Notes in Computer Science, 2016, , 88-103.	1.0	27
29	Skolemising Blank Nodes while Preserving Isomorphism. , 2015, , .		18
30	LSQ: The Linked SPARQL Queries Dataset. Lecture Notes in Computer Science, 2015, , 261-269.	1.0	71
31	Link traversal querying for a diverse WebÂofÂData. Semantic Web, 2014, 6, 585-624.	1.1	22
32	Using linked data to mine RDF from wikipedia's tables. , 2014, , .		46
33	Discovering domain-specific public SPARQL endpoints. , 2014, , .		13
34	Everything you always wanted to know about blank nodes. Web Semantics, 2014, 27-28, 42-69.	2.2	46
35	Eight Fallacies when querying the Web of Data. , 2013, , .		1
36	The ACE theorem for querying the web of data. , 2013, , .		1

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37	Observing Linked Data Dynamics. Lecture Notes in Computer Science, 2013, , 213-227.	1.0	63
38	RDFS and OWL Reasoning for Linked Data. Lecture Notes in Computer Science, 2013, , 91-149.	1.0	22
39	SPARQL Web-Querying Infrastructure: Ready for Action?. Lecture Notes in Computer Science, 2013, , 277-293.	1.0	141
40	Exploring the Dynamics of Linked Data. Lecture Notes in Computer Science, 2013, , 302-303.	1.0	0
41	An empirical survey of Linked Data conformance. Web Semantics, 2012, 14, 14-44.	2.2	134
42	Scalable and distributed methods for entity matching, consolidation and disambiguation over linked data corpora. Web Semantics, 2012, 10, 76-110.	2.2	65
43	An Empirical Survey of Linked Data Conformance. SSRN Electronic Journal, 2012, , .	0.4	4
44	Towards Fuzzy Query-Relaxation for RDF. Lecture Notes in Computer Science, 2012, , 687-702.	1.0	31
45	Improving the Recall of Live Linked Data Querying through Reasoning. Lecture Notes in Computer Science, 2012, , 188-204.	1.0	10
46	Freshening up while Staying Fast: Towards Hybrid SPARQL Queries. Lecture Notes in Computer Science, 2012, , 164-174.	1.0	14
47	Hybrid SPARQL Queries: Fresh vs. Fast Results. Lecture Notes in Computer Science, 2012, , 608-624.	1.0	26
48	Searching and Browsing Linked Data with SWSE. Data-centric Systems and Applications, 2012, , 361-414.	0.2	1
49	Searching and browsing Linked Data with SWSE: The Semantic Web Search Engine. Web Semantics, 2011, 9, 365-401.	2.2	162
50	Robust and Scalable Linked Data Reasoning Incorporating Provenance and Trust Annotations. SSRN Electronic Journal, 2011, , .	0.4	3
51	Robust and scalable Linked Data reasoning incorporating provenance and trust annotations. Web Semantics, 2011, 9, 165-201.	2.2	40
52	Scalable integration and processing of linked data. , 2011, , .		0
53	On Blank Nodes. Lecture Notes in Computer Science, 2011, , 421-437.	1.0	46
54	Scalable Authoritative OWL Reasoning for the Web*. , 2011, , 131-177.		6

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55	Integrating Linked Data through RDFS and OWL: Some Lessons Learnt. Lecture Notes in Computer Science, 2011, , 250-256.	1.0	1
56	Can we ever catch up with the Web?. Semantic Web, 2010, 1, 45-52.	1.1	27
57	SAOR: Template Rule Optimisations for Distributed Reasoning over 1 Billion Linked Data Triples. Lecture Notes in Computer Science, 2010, , 337-353.	1.0	37
58	Scalable Authoritative OWL Reasoning for the Web. International Journal on Semantic Web and Information Systems, 2009, 5, 49-90.	2.2	77
59	On the Ostensibly Silent â€˜Wâ€™ in OWL 2 RL. Lecture Notes in Computer Science, 2009, , 118-134.	1.0	11
60	Four Heuristics to Guide Structured Content Crawling. , 2008, , .		8
61	SAOR: Authoritative Reasoning for the Web. Lecture Notes in Computer Science, 2008, , 76-90.	1.0	34
62	Towards a scalable search and query engine for the web. , 2007, , .		24
63	YARS2: A Federated Repository for Querying Graph Structured Data from the Web. Lecture Notes in Computer Science, 2007, , 211-224.	1.0	156
64	Scalable and Distributed Methods for Entity Matching, Consolidation and Disambiguation Over Linked Data Corpora. SSRN Electronic Journal, 0, , .	0.4	2
65	Searching and Browsing Linked Data with SWSE: The Semantic Web Search Engine. SSRN Electronic Journal, 0, , .	0.4	5
66	Everything You Always Wanted to Know About Blank Nodes. SSRN Electronic Journal, 0, , .	0.4	0