

# Aidan Hogan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2146618/publications.pdf>

Version: 2024-02-01

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	Foundations of Modern Query Languages for Graph Databases. ACM Computing Surveys, 2018, 50, 1-40.	16.1	173
3	Searching and browsing Linked Data with SWSE: The Semantic Web Search Engine. Web Semantics, 2011, 9, 365-401.	2.2	162
4	YARS2: A Federated Repository for Querying Graph Structured Data from the Web. Lecture Notes in Computer Science, 2007, , 211-224.	1.0	156
5	SPARQL Web-Querying Infrastructure: Ready for Action?. Lecture Notes in Computer Science, 2013, , 277-293.	1.0	141
6	An empirical survey of Linked Data conformance. Web Semantics, 2012, 14, 14-44.	2.2	134
7	Information extraction meets the Semantic Web: A survey. Semantic Web, 2020, 11, 255-335.	1.1	95
8	Scalable Authoritative OWL Reasoning for the Web. International Journal on Semantic Web and Information Systems, 2009, 5, 49-90.	2.2	77
9	LSQ: The Linked SPARQL Queries Dataset. Lecture Notes in Computer Science, 2015, , 261-269.	1.0	71
10	Scalable and distributed methods for entity matching, consolidation and disambiguation over linked data corpora. Web Semantics, 2012, 10, 76-110.	2.2	65
11	Observing Linked Data Dynamics. Lecture Notes in Computer Science, 2013, , 213-227.	1.0	63
12	Knowledge Graphs. Synthesis Lectures on Data, Semantics and Knowledge, 2021, 12, 1-257.	3.9	63
13	Using linked data to mine RDF from wikipedia's tables. , 2014, , .		46
14	Everything you always wanted to know about blank nodes. Web Semantics, 2014, 27-28, 42-69.	2.2	46
15	On Blank Nodes. Lecture Notes in Computer Science, 2011, , 421-437.	1.0	46
16	SPARQLES: Monitoring public SPARQL endpoints. Semantic Web, 2017, 8, 1049-1065.	1.1	44
17	Robust and scalable Linked Data reasoning incorporating provenance and trust annotations. Web Semantics, 2011, 9, 165-201.	2.2	40
18	SAOR: Template Rule Optimisations for Distributed Reasoning over 1 Billion Linked Data Triples. Lecture Notes in Computer Science, 2010, , 337-353.	1.0	37

#	ARTICLE	IF	CITATIONS
19	SAOR: Authoritative Reasoning for the Web. Lecture Notes in Computer Science, 2008, , 76-90.	1.0	34
20	A survey of RDF stores & SPARQL engines for querying knowledge graphs. VLDB Journal, 2022, 31, 1-26.	2.7	32
21	Towards Fuzzy Query-Relaxation for RDF. Lecture Notes in Computer Science, 2012, , 687-702.	1.0	31
22	Can we ever catch up with the Web?. Semantic Web, 2010, 1, 45-52.	1.1	27
23	Querying Wikidata: Comparing SPARQL, Relational and Graph Databases. Lecture Notes in Computer Science, 2016, , 88-103.	1.0	27
24	IMGpedia: A Linked Dataset with Content-Based Analysis of Wikimedia Images. Lecture Notes in Computer Science, 2017, , 84-93.	1.0	26
25	Hybrid SPARQL Queries: Fresh vs. Fast Results. Lecture Notes in Computer Science, 2012, , 608-624.	1.0	26
26	Towards a scalable search and query engine for the web. , 2007, , .		24
27	Link traversal querying for a diverse Web of Data. Semantic Web, 2014, 6, 585-624.	1.1	22
28	RDFS and OWL Reasoning for Linked Data. Lecture Notes in Computer Science, 2013, , 91-149.	1.0	22
29	Skolemising Blank Nodes while Preserving Isomorphism. , 2015, , .		18
30	A Worst-Case Optimal Join Algorithm for SPARQL. Lecture Notes in Computer Science, 2019, , 258-275.	1.0	18
31	RDF Explorer: A Visual SPARQL Query Builder. Lecture Notes in Computer Science, 2019, , 647-663.	1.0	17
32	Canonical Forms for Isomorphic and Equivalent RDF Graphs. ACM Transactions on the Web, 2017, 11, 1-62.	2.0	16
33	SPORTAL. International Journal on Semantic Web and Information Systems, 2016, 12, 134-163.	2.2	14
34	The Semantic Web: Two decades on. Semantic Web, 2020, 11, 169-185.	1.1	14
35	Freshening up while Staying Fast: Towards Hybrid SPARQL Queries. Lecture Notes in Computer Science, 2012, , 164-174.	1.0	14
36	Discovering domain-specific public SPARQL endpoints. , 2014, , .		13

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37	Worst-Case Optimal Graph Joins in Almost No Space. , 2021, , .		13
38	Linked Dataset description papers at the Semantic Web journal: A critical assessment. Semantic Web, 2016, 7, 105-116.	1.1	11
39	On the Ostensibly Silent $\hat{=}$ W $\hat{=}$ ™ in OWL 2 RL. Lecture Notes in Computer Science, 2009, , 118-134.	1.0	11
40	Improving the Recall of Live Linked Data Querying through Reasoning. Lecture Notes in Computer Science, 2012, , 188-204.	1.0	10
41	Four Heuristics to Guide Structured Content Crawling. , 2008, , .		8
42	BTC-2019: The 2019 Billion Triple Challenge Dataset. Lecture Notes in Computer Science, 2019, , 163-180.	1.0	7
43	Scalable Authoritative OWL Reasoning for the Web*. , 2011, , 131-177.		6
44	Searching and Browsing Linked Data with SWSE: The Semantic Web Search Engine. SSRN Electronic Journal, 0, , .	0.4	5
45	An Empirical Survey of Linked Data Conformance. SSRN Electronic Journal, 2012, , .	0.4	4
46	Canonicalisation of Monotone SPARQL Queries. Lecture Notes in Computer Science, 2018, , 600-616.	1.0	4
47	Robust and Scalable Linked Data Reasoning Incorporating Provenance and Trust Annotations. SSRN Electronic Journal, 2011, , .	0.4	3
48	Applying Community Detection Methods to Cluster Tags in Multimedia Search Results. , 2016, , .		3
49	Multilayer graphs. , 2022, , .		3
50	Scalable and Distributed Methods for Entity Matching, Consolidation and Disambiguation Over Linked Data Corpora. SSRN Electronic Journal, 0, , .	0.4	2
51	Merging Web Tables for Relation Extraction with Knowledge Graphs. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	2
52	Certain Answers for SPARQL with Blank Nodes. Lecture Notes in Computer Science, 2018, , 337-353.	1.0	2
53	Knowledge Graphs: Research Directions. Lecture Notes in Computer Science, 2020, , 223-253.	1.0	2
54	Extending SPARQL with Similarity Joins. Lecture Notes in Computer Science, 2020, , 201-217.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Semantics and canonicalisation of SPARQL <sup>1.1</sup> . <i>Semantic Web</i> , 2022, 13, 829-893.	1.1	2
56	Eight Fallacies when querying the Web of Data. , 2013, , .		1
57	The ACE theorem for querying the web of data. , 2013, , .		1
58	PubTag: Generating Research Tag-Clouds with Keyphrase Extraction and Learning-to-Rank. , 2018, , .		1
59	Integrating Linked Data through RDFS and OWL: Some Lessons Learnt. <i>Lecture Notes in Computer Science</i> , 2011, , 250-256.	1.0	1
60	Searching and Browsing Linked Data with SWSE. <i>Data-centric Systems and Applications</i> , 2012, , 361-414.	0.2	1
61	Scalable integration and processing of linked data. , 2011, , .		0
62	Correction to: The Semantic Web: ESWC 2021 Satellite Events. <i>Lecture Notes in Computer Science</i> , 2021, , C1-C1.	1.0	0
63	Exploring the Dynamics of Linked Data. <i>Lecture Notes in Computer Science</i> , 2013, , 302-303.	1.0	0
64	Everything You Always Wanted to Know About Blank Nodes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
65	SPORTAL. , 2018, , 368-401.		0
66	Cataloguing the Context of Public SPARQL Endpoints. <i>Advances in Web Technologies and Engineering Book Series</i> , 2018, , 295-328.	0.4	0