

Alasdair J G Gray

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5129699/publications.pdf>

Version: 2024-02-01

35
papers

11,067
citations

623188

14
h-index

525886

27
g-index

45
all docs

45
docs citations

45
times ranked

26093
citing authors

#	ARTICLE	IF	CITATIONS
1	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	2.4	8,670
2	The IUPHAR/BPS Guide to PHARMACOLOGY in 2018: updates and expansion to encompass the new guide to IMMUNOPHARMACOLOGY. <i>Nucleic Acids Research</i> , 2018, 46, D1091-D1106.	6.5	1,584
3	Enabling Ontology-Based Access to Streaming Data Sources. <i>Lecture Notes in Computer Science</i> , 2010, , 96-111.	1.0	126
4	The Relational Grid Monitoring Architecture: Mediating Information about the Grid. <i>Journal of Grid Computing</i> , 2004, 2, 323-339.	2.5	79
5	PAV ontology: provenance, authoring and versioning. <i>Journal of Biomedical Semantics</i> , 2013, 4, 37.	0.9	64
6	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	2.7	58
7	API-centric Linked Data integration: The Open PHACTS Discovery Platform case study. <i>Web Semantics</i> , 2014, 29, 12-18.	2.2	44
8	Applying linked data approaches to pharmacology: Architectural decisions and implementation. <i>Semantic Web</i> , 2014, 5, 101-113.	1.1	41
9	A Semantic Sensor Web for Environmental Decision Support Applications. <i>Sensors</i> , 2011, 11, 8855-8887.	2.1	39
10	SNEE: a query processor for wireless sensor networks. <i>Distributed and Parallel Databases</i> , 2011, 29, 31-85.	1.0	33
11	A Semantically Enabled Service Architecture for Mashups over Streaming and Stored Data. <i>Lecture Notes in Computer Science</i> , 2011, , 300-314.	1.0	32
12	Administrative social science data: The challenge of reproducible research. <i>Big Data and Society</i> , 2016, 3, 205395171668414.	2.6	19
13	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	0.9	18
14	Scientific Lenses to Support Multiple Views over Linked Chemistry Data. <i>Lecture Notes in Computer Science</i> , 2014, , 98-113.	1.0	16
15	Can RDB2RDF Tools Feasibly Expose Large Science Archives for Data Integration?. <i>Lecture Notes in Computer Science</i> , 2009, , 491-505.	1.0	15
16	Stream Integration Techniques for Grid Monitoring. <i>Lecture Notes in Computer Science</i> , 2005, , 136-175.	1.0	8
17	ReasonNet: Inferring Network Policies Using Ontologies. , 2018, , .		7
18	A Data Stream Publish/Subscribe Architecture with Self-adapting Queries. <i>Lecture Notes in Computer Science</i> , 2005, , 420-438.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Searching and exploring controlled vocabularies. , 2009, , .		5
20	An ontology-based data integration framework for construction information management. Proceedings of Institution of Civil Engineers: Management, Procurement and Law, 2018, 171, 111-125.	0.4	5
21	Incorporating Commercial and Private Data into an Open Linked Data Platform for Drug Discovery. Lecture Notes in Computer Science, 2013, , 65-80.	1.0	5
22	ToCo: An Ontology for Representing Hybrid Telecommunication Networks. Lecture Notes in Computer Science, 2019, , 507-522.	1.0	4
23	A framework for evaluating and utilizing medical terminology mappings. Studies in Health Technology and Informatics, 2014, 205, 594-8.	0.2	4
24	Finding the right term: Retrieving and exploring semantic concepts in astronomical vocabularies. Information Processing and Management, 2010, 46, 470-478.	5.4	3
25	Deploying In-Network Data Analysis Techniques in Sensor Networks. , 2011, , .		3
26	Extending query languages for in-network query processing. , 2011, , .		3
27	Api-Centric Linked Data Integration: The Open Phacts Discovery Platform Case Study. SSRN Electronic Journal, 0, , .	0.4	3
28	Answering queries over incomplete data stream histories. International Journal of Web Information Systems, 2007, 3, 41-60.	1.3	2
29	SensorBench. , 2014, , .		2
30	Dataset Descriptions for Linked Data Systems. IEEE Internet Computing, 2014, 18, 66-69.	3.2	2
31	Republishers in a Publish/Subscribe Architecture for Data Streams. Lecture Notes in Computer Science, 2005, , 179-184.	1.0	2
32	SARA â€“ A Semantic Access Point Resource Allocation Service for Heterogenous Wireless Networks. , 2019, , .		1
33	Data Quality Issues in Current Nanopublications. , 2019, , .		1
34	Finding Data Resources in a Virtual Observatory Using SKOS Vocabularies. Lecture Notes in Computer Science, 2008, , 189-192.	1.0	1
35	Whither BNCOD? The Future of Database and Information Systems Research. Lecture Notes in Computer Science, 2012, , 3-6.	1.0	0