Keith Jeffery

List of Publications by Year
in descending order

54 papers	375 citations	840776 11 h-index	888059 17 g-index
64 all docs	64 docs citations	64 times ranked	351 citing authors

#	Article	IF	Citations
1	The systematic determination of accuracy and precision in geochemical exploration data. Journal of Geochemical Exploration, 1975, 4, 467-486.	3.2	37
2	The global impact of science gateways, virtual research environments and virtual laboratories. Future Generation Computer Systems, 2019, 95, 240-248.	7.5	36
3	Research information management: the CERIF approach. International Journal of Metadata, Semantics and Ontologies, 2014, 9, 5.	0.2	35
4	Mapping heterogeneous research infrastructure metadata into a unified catalogue for use in a generic virtual research environment. Future Generation Computer Systems, 2019, 101, 1-13.	7.5	24
5	The design philosophy of the G-EXEC system. Computers and Geosciences, 1976, 2, 345-346.	4.2	20
6	Issues and Guiding Principles for Opening Governmental Judicial Research Data. Lecture Notes in Computer Science, 2012, , 90-101.	1.3	19
7	A vision for better cloud applications. , 2013, , .		16
8	Next Generation GRIDs for environmental science. Environmental Modelling and Software, 2007, 22, 281-287.	4.5	14
9	CONNECTING CLOSED WORLD RESEARCH INFORMATION SYSTEMS THROUGH THE LINKED OPEN DATA WEB. International Journal of Software Engineering and Knowledge Engineering, 2012, 22, 345-364.	0.8	14
10	The Internet of Things: The Death of a Traditional Database?. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	12
11	Institutional Repositories and Current Research Information Systems. New Review of Information Networking, 2009, 14, 71-83.	0.5	12
12	Research Directions in Database Architectures for the Internet of Things: A Communication of the First International Workshop on Database Architectures for the Internet of Things (DAIT 2009). Lecture Notes in Computer Science, 2009, , 225-233.	1.3	12
13	A CERIFâ€based schema for recording research impact. Electronic Library, 2013, 31, 465-482.	1.4	9
14	Interoperability Oriented Architecture: The Approach of EPOS for Solid Earth e-Infrastructures. , 2015, , .		9
15	Filematch: a format for the interchange of computer-based files of structured data. Computers and Geosciences, 1977, 3, 429-441.	4.2	8
16	EPOS: A Novel Use of CERIF for Data-intensive Science. Procedia Computer Science, 2014, 33, 3-10.	2.0	8
17	From Open Data to Data-intensive Science through CERIF. Procedia Computer Science, 2014, 33, 191-198.	2.0	8
18	Open Information Linking for Environmental Research Infrastructures. , 2015, , .		8

#	Article	IF	Citations
19	Using Open Research Data for Public Policy Making: Opportunities of Virtual Research Environments. , 2016, , .		8
20	Added value in the context of research information systems. Data Technologies and Applications, 2016, 50, 325-339.	0.8	8
21	Ideas: A system for international data exchange and access for science. Information Processing and Management, 1989, 25, 703-711.	8.6	7
22	Mapping Solid Earth Data and Research Infrastructures to CERIF. Procedia Computer Science, 2017, 106, 112-121.	2.0	6
23	The geological computer. Computers and Geosciences, 1976, 2, 347-349.	4.2	5
24	New Software Engineering Requirements in Clouds and Large-Scale Systems. IEEE Cloud Computing, 2015, 2, 48-58.	3.9	5
25	Data Cataloguing. Lecture Notes in Computer Science, 2020, , 140-161.	1.3	5
26	The CERIF Model As the Core of a Research Organization. Data Science Journal, 2010, 9, CRIS7-CRIS13.	1.3	4
27	Richer Requirements for Better Clouds. , 2013, , .		3
28	Building an integrated enhanced virtual research environment metadata catalogue. Electronic Library, 2019, 37, 929-951.	1.4	3
29	Communication of geological information among different soft machines. Computers and Geosciences, 1977, 3, 465-468.	4.2	2
30	Guest editorial for the special issue on extending database technology. Information Systems, 1994, 19, 2.	3.6	2
31	Relating interllectual property products to the corporate context. Publishing Research Quarterly, 2005, 21, 18-26.	1.2	2
32	Data Intensive Science: Shades of Grey. Procedia Computer Science, 2014, 33, 223-230.	2.0	2
33	Towards Operational Research Infrastructures with FAIR Data and Services. Lecture Notes in Computer Science, 2020, , 360-372.	1.3	2
34	G-plot: graphics in the geological computer. Computers and Geosciences, 1978, 4, 33-36.	4.2	1
35	Preface CRIS2014 Proceedings. Procedia Computer Science, 2014, 33, 1-2.	2.0	1
36	Analysing the archaeological context: Reconstructing stratigraphic layers. AIP Conference Proceedings, 2017, , .	0.4	1

#	Article	IF	Citations
37	Clouds for Science Tackle Challenges Facing Industry and Society. IEEE Cloud Computing, 2018, 5, 4-6.	3.9	1
38	ICT Infrastructures for Environmental and Earth Sciences. Lecture Notes in Computer Science, 2020, , 17-29.	1.3	1
39	Knowledge sharing and discovery across heterogeneous research infrastructures. Open Research Europe, 0, 1, 68.	2.0	1
40	Intelligent support for systems development: The notion and the issues. Journal of Intelligent Information Systems, 1992, 1, 211-232.	3.9	0
41	Hyperactive Grey Objects. Publishing Research Quarterly, 2007, 23, 71-77.	1.2	0
42	Quality Aspects in CLOUD Computing. , 2012, , .		0
43	Foreword: Quality in cloud computing. , 2012, , .		0
44	Initial 2016 HOLACloud Roadmap. Procedia Computer Science, 2016, 97, 157-166.	2.0	0
45	A CERIF Description of an OA Policy to Ease Monitoring Compliance. Procedia Computer Science, 2017, 106, 343-350.	2.0	0
46	PaaSage. IEEE Cloud Computing, 2017, 4, 60-60.	3.9	0
47	Inverting physics â€" A future for the past?. AIP Conference Proceedings, 2018, , .	0.4	0
48	How Cloud Computing, IoT and Multicore Systems Affect Software Engineering Principles. , 2018, , .		0
49	How to improve policy making using open data in virtual research environments. , 2018, , .		0
50	Knowledge sharing and discovery across heterogeneous research infrastructures. Open Research Europe, 0, 1, 68.	2.0	0
51	FAIR, open, and free does not mean no restrictions. Patterns, 2021, 2, 100339.	5.9	0
52	Data Curation and Preservation. Lecture Notes in Computer Science, 2020, , 123-139.	1.3	0
53	Reference Model Guided Engineering. Lecture Notes in Computer Science, 2020, , 82-99.	1.3	0
54	Virtual Research Environments for Environmental and Earth Sciences: Approaches and Experiences. Lecture Notes in Computer Science, 2020, , 272-289.	1.3	0