# Keith Jeffery

List of Publications by Year
in descending order



| 54 | 375 | 840776 11 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 64 | 64 | 64 | 351 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | FAIR, open, and free does not mean no restrictions. Patterns, 2021, 2, 100339. | 5.9 | 0 |
| 2 | Towards Operational Research Infrastructures with FAIR Data and Services. Lecture Notes in Computer Science, 2020, , 360-372. | 1.3 | 2 |
| 3 | Data Cataloguing. Lecture Notes in Computer Science, 2020, , 140-161. | 1.3 | 5 |
| 4 | Data Curation and Preservation. Lecture Notes in Computer Science, 2020, , 123-139. | 1.3 | 0 |
| 5 | ICT Infrastructures for Environmental and Earth Sciences. Lecture Notes in Computer Science, 2020, , 17-29. | 1.3 | 1 |
| 6 | Reference Model Guided Engineering. Lecture Notes in Computer Science, 2020, , 82-99. | 1.3 | 0 |
| 7 | Virtual Research Environments for Environmental and Earth Sciences: Approaches and Experiences. Lecture Notes in Computer Science, 2020, , 272-289. | 1.3 | 0 |
| 8 | 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 |
| 9 | Building an integrated enhanced virtual research environment metadata catalogue. Electronic Library, 2019, 37, 929-951. | 1.4 | 3 |
| 10 | The global impact of science gateways, virtual research environments and virtual laboratories. Future Generation Computer Systems, 2019, 95, 240-248. | 7.5 | 36 |
| 11 | Inverting physics â€“ A future for the past?. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 12 | Clouds for Science Tackle Challenges Facing Industry and Society. IEEE Cloud Computing, 2018, 5, 4-6. | 3.9 | 1 |
| 13 | How Cloud Computing, IoT and Multicore Systems Affect Software Engineering Principles. , 2018, , . | | 0 |
| 14 | How to improve policy making using open data in virtual research environments. , 2018, , . | | 0 |
| 15 | A CERIF Description of an OA Policy to Ease Monitoring Compliance. Procedia Computer Science, 2017, 106, 343-350. | 2.0 | 0 |
| 16 | Mapping Solid Earth Data and Research Infrastructures to CERIF. Procedia Computer Science, 2017, 106, 112-121. | 2.0 | 6 |
| 17 | PaaSage. IEEE Cloud Computing, 2017, 4, 60-60. | 3.9 | 0 |
| 18 | Analysing the archaeological context: Reconstructing stratigraphic layers. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Using Open Research Data for Public Policy Making: Opportunities of Virtual Research Environments. , 2016, , . | | 8 |
| 20 | Initial 2016 HOLACloud Roadmap. Procedia Computer Science, 2016, 97, 157-166. | 2.0 | 0 |
| 21 | Added value in the context of research information systems. Data Technologies and Applications, 2016, 50, 325-339. | 0.8 | 8 |
| 22 | Interoperability Oriented Architecture: The Approach of EPOS for Solid Earth e-Infrastructures. , 2015, , . | | 9 |
| 23 | Open Information Linking for Environmental Research Infrastructures. , 2015, , . | | 8 |
| 24 | New Software Engineering Requirements in Clouds and Large-Scale Systems. IEEE Cloud Computing, 2015, 2, 48-58. | 3.9 | 5 |
| 25 | Preface CRIS2014 Proceedings. Procedia Computer Science, 2014, 33, 1-2. | 2.0 | 1 |
| 26 | EPOS: A Novel Use of CERIF for Data-intensive Science. Procedia Computer Science, 2014, 33, 3-10. | 2.0 | 8 |
| 27 | Research information management: the CERIF approach. International Journal of Metadata, Semantics and Ontologies, 2014, 9, 5. | 0.2 | 35 |
| 28 | From Open Data to Data-intensive Science through CERIF. Procedia Computer Science, 2014, 33, 191-198. | 2.0 | 8 |
| 29 | Data Intensive Science: Shades of Grey. Procedia Computer Science, 2014, 33, 223-230. | 2.0 | 2 |
| 30 | Richer Requirements for Better Clouds. , 2013, , . | | 3 |
| 31 | A CERIFâ€based schema for recording research impact. Electronic Library, 2013, 31, 465-482. | 1.4 | 9 |
| 32 | A vision for better cloud applications. , 2013, , . | | 16 |
| 33 | 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 |
| 34 | Quality Aspects in CLOUD Computing. , 2012, , . | | 0 |
| 35 | Foreword: Quality in cloud computing. , 2012, , . | | 0 |
| 36 | Issues and Guiding Principles for Opening Governmental Judicial Research Data. Lecture Notes in Computer Science, 2012, , 90-101. | 1.3 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The CERIF Model As the Core of a Research Organization. Data Science Journal, 2010, 9, CRIS7-CRIS13. | 1.3 | 4 |
| 38 | 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 |
| 39 | Institutional Repositories and Current Research Information Systems. New Review of Information Networking, 2009, 14, 71-83. | 0.5 | 12 |
| 40 | 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 |
| 41 | Next Generation GRIDs for environmental science. Environmental Modelling and Software, 2007, 22, 281-287. | 4.5 | 14 |
| 42 | Hyperactive Grey Objects. Publishing Research Quarterly, 2007, 23, 71-77. | 1.2 | 0 |
| 43 | Relating interllectual property products to the corporate context. Publishing Research Quarterly, 2005, 21, 18-26. | 1.2 | 2 |
| 44 | Guest editorial for the special issue on extending database technology. Information Systems, 1994, 19, 2. | 3.6 | 2 |
| 45 | Intelligent support for systems development: The notion and the issues. Journal of Intelligent Information Systems, 1992, 1, 211-232. | 3.9 | 0 |
| 46 | Ideas: A system for international data exchange and access for science. Information Processing and Management, 1989, 25, 703-711. | 8.6 | 7 |
| 47 | G-plot: graphics in the geological computer. Computers and Geosciences, 1978, 4, 33-36. | 4.2 | 1 |
| 48 | Filematch: a format for the interchange of computer-based files of structured data. Computers and Geosciences, 1977, 3, 429-441. | 4.2 | 8 |
| 49 | Communication of geological information among different soft machines. Computers and Geosciences, 1977, 3, 465-468. | 4.2 | 2 |
| 50 | The design philosophy of the G-EXEC system. Computers and Geosciences, 1976, 2, 345-346. | 4.2 | 20 |
| 51 | The geological computer. Computers and Geosciences, 1976, 2, 347-349. | 4.2 | 5 |
| 52 | The systematic determination of accuracy and precision in geochemical exploration data. Journal of Geochemical Exploration, 1975, 4, 467-486. | 3.2 | 37 |
| 53 | Knowledge sharing and discovery across heterogeneous research infrastructures. Open Research Europe, 0, 1, 68. | 2.0 | 0 |
| 54 | Knowledge sharing and discovery across heterogeneous research infrastructures. Open Research Europe, 0, 1, 68. | 2.0 | 1 |