Jens Klump

List of Publications by Year in descending order

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47 papers	873 citations	687363 13 h-index	477307 29 g-index
67 all docs	67 docs citations	67 times ranked	1438 citing authors

#	Article	IF	Citations
1	Versioning Data Is About More than Revisions: A Conceptual Framework and Proposed Principles. Data Science Journal, 2021, 20, .	1.3	6
2	Integrating data and analysis technologies within leading environmental research infrastructures: Challenges and approaches. Ecological Informatics, 2021, 61, 101245.	5.2	16
3	Using Machine Learning to Map Western Australian Landscapes for Mineral Exploration. ISPRS International Journal of Geo-Information, 2021, 10, 459.	2.9	5
4	Towards Globally Unique Identification of Physical Samples: Governance and Technical Implementation of the IGSN Global Sample Number. Data Science Journal, 2021, 20, .	1.3	6
5	Making Data and Workflows Findable for Machines. Data Intelligence, 2020, 2, 40-46.	1.5	24
6	pyrolite: Python for geochemistry. Journal of Open Source Software, 2020, 5, 2314.	4.6	23
7	Emergent Challenges for Science sUAS Data Management: Fairness through Community Engagement and Best Practices Development. Remote Sensing, 2019, 11, 1797.	4.0	20
8	Multivariate Geochemical Tectonic Discrimination: Practical Approaches, Limitations and Opportunities. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	1
9	Exploring prediction uncertainty of spatial data in geostatistical and machine learning approaches. Environmental Earth Sciences, 2019, 78, 1.	2.7	32
10	HypAR: Situated Mineralogy Exploration in Augmented Reality. , 2019, , .		5
11	Updating the Data Curation Continuum. International Journal of Digital Curation, 2019, 14, 87-101.	0.2	6
12	Wer ist verantwortlich fÃ¼r das Management von Forschungsdaten, die Forschenden oder die Repositorien?. ABI Technik, Zeitschrift FÃ¼r Automation, Bau Und Technik Im Archiv-, Bibliotheks- Und Informationswesen, 2018, 38, 386-386.	0.1	0
13	Raritas: a program for counting high diversity categorical data with highly unequal abundances. PeerJ, 2018, 6, e5453.	2.0	1
14	Connecting Scientific Data and Real-World Samples. Eos, 2018, 99, .	0.1	0
15	A Digital Repository for Physical Samples: Concepts, Solutions and Management. Lecture Notes in Computer Science, 2017, , 74-85.	1.3	3
16	20 Years of Persistent Identifiers â€“ Which Systems are Here to Stay?. Data Science Journal, 2017, 16, .	1.3	15
17	Data as Social Capital and the Gift Culture in Research. Data Science Journal, 2017, 16, .	1.3	4
18	Distributed Persistent Identifiers System Design. Data Science Journal, 2017, 16, .	1.3	8

#	Article	IF	Citations
19	Editorial: 20 Years of Persistent Identifiers â€“ Applications and Future Directions. Data Science Journal, 2017, 16, .	1.3	3
20	The Challenge of Ensuring Persistency of Identifier Systems in the World of Ever-Changing Technology. Data Science Journal, 2017, 16, .	1.3	1
21	panMetaDocs, eSciDoc, and DOIDBâ€"An Infrastructure for the Curation and Publication of File-Based Datasets for GFZ Data Services. ISPRS International Journal of Geo-Information, 2016, 5, 25.	2.9	3
22	Representing and publishing physical sample descriptions. Computers and Geosciences, 2016, 96, 1-10.	4.2	8
23	DOI for geoscience data - how early practices shape present perceptions. Earth Science Informatics, 2016, 9, 123-136.	3.2	20
24	Agenames a stratigraphic information harvester and text parser. Earth Science Informatics, 2015, 8, 125-134.	3.2	1
25	Curating the webâ€™s deep past â€“ Migration strategies for the German Continental Deep Drilling Program web content. GeoResJ, 2015, 6, 98-105.	1.4	5
26	Sensitivity Analysis of Parameters Governing the Recovery of Methane from Natural Gas Hydrate Reservoirs. Energies, 2014, 7, 2148-2176.	3.1	15
27	Three-Dimensional Multi-Scale and Multi-Method Inversion to Determine the Electrical Conductivity Distribution of the Subsurface (Multi-EM). Advanced Technologies in Earth Sciences, 2014, , 83-93.	0.9	0
28	The design of monitoring and data infrastructures — Applying a forward-thinking reference architecture. , 2013, , .		3
29	TEODOOR - A Spatial Data Infrastructure for terrestrial observation data. , 2013, , .		3
30	Making Research Data Repositories Visible: The re3data.org Registry. PLoS ONE, 2013, 8, e78080.	2.5	122
31	New Approaches for the Production of Hydrocarbons from Hydrate Bearing Sediments. Energies, 2011, 4, 151-172.	3.1	120
32	Criteria for the Trustworthiness of Data Centres. D-Lib Magazine, 2011, 17, .	0.5	7
33	Natural Gas Hydrates: Development and Test of Innovative Methods for Gas Production From Hydrate-Bearing Sediments. , 2010, , .		0
34	Charting taxonomic knowledge through ontologies and ranking algorithms. Computers and Geosciences, 2009, 35, 862-868.	4.2	7
35	Assembly and concept of a web-based GIS within the paleolimnological project CONTINENT (Lake Baikal,) Tj ETQq1 1 0.784314 rgBT /	1.6	4
36	Enabling Global Collaboration in the Geosciences: Geoinformatics 2008; Potsdam, Germany, 11â€“13 June 2008. Eos, 2008, 89, 503.	0.1	2

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37	Data publication in the open access initiative. Data Science Journal, 2006, 5, 79-83.	1.3	84
38	Workshop launches international coalition for geoinformatics. Eos, 2005, 86, 27.	0.1	0
39	Biogenic barium and the detrital Ba/Al ratio: a comparison of their direct and indirect determination. Marine Geology, 2004, 204, 289-300.	2.1	99
40	A tree for rocksâ€”hierarchies in stratigraphic databases. Computers and Geosciences, 2003, 29, 921-928.	4.2	1
41	High concentrations of biogenic barium in Pacific sediments after Termination Iâ€”a signal of changes in productivity and deep water chemistry. Marine Geology, 2001, 177, 1-11.	2.1	24
42	Late Quaternary rapid climate change in northern Chile. Terra Nova, 2000, 12, 8-13.	2.1	75
43	The impact of sediment provenance on barium-based productivity estimates. Marine Geology, 2000, 169, 259-271.	2.1	83
44	Geoinformatics developments in Germany. , 0, , 323-331.		0
45	D 8 Forschungsdaten. , 0, , .		0
46	Specimen Identifiers in Related Disciplines: What can Biodiversity Learn from and Offer to Other Fields?. Biodiversity Information Science and Standards, 0, 2, e26615.	0.0	1
47	Persistent, Global, Unique: The three key requirements for a trusted identifier system for physical samples. Biodiversity Information Science and Standards, 0, 3, .	0.0	3