Anton GÃ¼ntsch

List of Publications by Year
in descending order

43	954	840776	752698
papers	**citations**	11	20
		h-index	**g-index**

44	44	44	2112
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Fauna Europaea â€" all European animal species on the web. Biodiversity Data Journal, 2014, 2, e4034.	0.8	264
2	The DNA Bank Network: The Start from a German Initiative. Biopreservation and Biobanking, 2011, 9, 51-55.	1.0	137
3	Towards an ecological traitâ€"data standard. Methods in Ecology and Evolution, 2019, 10, 2006-2019.	5.2	91
4	A semi-automated workflow for biodiversity data retrieval, cleaning, and quality control. Biodiversity Data Journal, 2014, 2, e4221.	0.8	49
5	Actionable, long-term stable and semantic web compatible identifiers for access to biological collection objects. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	48
6	BioVeL: a virtual laboratory for data analysis and modelling in biodiversity science and ecology. BMC Ecology, 2016, 16, 49.	3.0	45
7	The Biodiversity Informatics Landscape: Elements, Connections and Opportunities. Research Ideas and Outcomes, 0, 3, e14059.	1.0	31
8	Biodiversity information platforms: From standards to interoperability. ZooKeys, 2011, 150, 71-87.	1.1	29
9	PESI - a taxonomic backbone for Europe. Biodiversity Data Journal, 2015, 3, e5848.	0.8	28
10	A benchmark dataset of herbarium specimen images with label data. Biodiversity Data Journal, 2019, 7, e31817.	0.8	24
11	Sample data processing in an additive and reproducible taxonomic workflow by using character data persistently linked to preserved individual specimens. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav094.	3.0	20
12	People are essential to linking biodiversity data. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	19
13	A complete digitization of German herbaria is possible, sensible and should be started now. Research Ideas and Outcomes, 0, 6, .	1.0	18
14	A Terminology Service Supporting Semantic Annotation, Integration, Discovery and Analysis of Interdisciplinary Research Data. Datenbank-Spektrum, 2016, 16, 195-205.	1.3	15
15	Biodiversity Community Integrated Knowledge Library (BiCIKL). Research Ideas and Outcomes, 0, 8, .	1.0	15
16	OpenUp! Creating a cross-domain pipeline for natural history data. ZooKeys, 2012, 209, 47-54.	1.1	14
17	Stable identifiers for collection specimens. Nature, 2017, 546, 33-33.	27.8	12
18	Building compatible and dynamic character matrices â€" Current and future use of specimen-based character data. Botany Letters, 2018, 165, 352-360.	1.4	12

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19	Marine long-term biodiversity assessment suggests loss of rare species in the Skagerrak and Kattegat region. Marine Biodiversity, 2018, 48, 2165-2176.	1.0	12
20	Toward a service-based workflow for automated information extraction from herbarium specimens. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	9
21	Integrating ABCD and DarwinCore: TowardÂa better foundationÂfor biodiversityÂinformation standards. Biodiversity Information Science and Standards, 0, 3, .	0.0	9
22	Using the EDIT Platform for Cybertaxonomy to prepare and publish a treatment for the Caryophyllales Network: an online synthesis of the Nepenthaceae. Willdenowia, 2018, 48, 335.	0.8	7
23	B-HIT - A Tool for Harvesting and Indexing Biodiversity Data. PLoS ONE, 2015, 10, e0142240.	2.5	6
24	A choice of persistent identifier schemes for the Distributed System of Scientific Collections (DiSSCo). Research Ideas and Outcomes, 0, 7, .	1.0	5
25	Towards Interlinked FAIR Biodiversity Knowledge: The BiCIKL perspective. Biodiversity Information Science and Standards, 0, 5, .	0.0	5
26	A Comprehensive and Standards-Aware Common Data Model (CDM) for Taxonomic Research. Biodiversity Information Science and Standards, 0, 1, e20367.	0.0	5
27	EFFECTIVELY SEARCHING SPECIMEN AND OBSERVATION DATA WITH TOQE, THE THESAURUS OPTIMIZED QUERY EXPANDER. Biodiversity Informatics, 2009, 6, .	3.0	4
28	Standardised Globally Unique Specimen Identifiers. Biodiversity Information Science and Standards, 0, 2, e26658.	0.0	4
29	ABCD 3.0 Ready to Use. Biodiversity Information Science and Standards, 0, 3, .	0.0	4
30	A botanical demonstration of the potential of linking data using unique identifiers for people. PLoS ONE, 2021, 16, e0261130.	2.5	4
31	Registration of Algal Novelties in Phycobank: Serving the scientific community and filling gaps in the global names backbone. Biodiversity Information Science and Standards, 0, 3, .	0.0	2
32	The CDM Applied: Unit-Derivation, from Field Observations to DNA Sequences. Biodiversity Information Science and Standards, 0, 1, e20366.	0.0	2
33	Fauna Europaea â€" all European animal species on the web. Biodiversity Data Journal, 0, 2, e4034.	0.8	1
34	The Additivity Project:ÂAchieving additivity of structured taxonomic character data by persistently linking them to individual specimens. Biodiversity Information Science and Standards, 0, 3, .	0.0	1
35	EDIT Platform Web Services in the Biodiversity Infrastructure Landscape. Biodiversity Information Science and Standards, 0, 1, e20363.	0.0	1
36	Towards an Ecological Trait-data Standard Vocabulary. Biodiversity Information Science and Standards, 0, 3, .	0.0	1

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37	Service-based information extraction from herbarium specimens. Biodiversity Information Science and Standards, 0, 2, e25415.	0.0	0
38	The Platform for Cybertaxonomy:ÂStandards, services andÂtools. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
39	Gardens4Science: Setting Up a Trusted Network for German Botanic Gardens Using Open Source Technologies. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
40	Using Wikibase as a Platform to Develop a Semantic TDWG Standard. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
41	The Additivity Project - Use Cases and User Interface. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
42	Semantic Annotation of Botanical Collection Data. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
43	The ABCD/DwC Alignment Working Group: Presenting the results from the TDWG 2020 Workshop. Biodiversity Information Science and Standards, 0, 4, .	0.0	0