

# Erik Schultes

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

13,233  
citations

394421

19  
h-index

414414

32  
g-index

49  
all docs

49  
docs citations

49  
times ranked

29990  
citing authors

#	ARTICLE	IF	CITATIONS
1	FAIR Digital Twins for Data-Intensive Research. <i>Frontiers in Big Data</i> , 2022, 5, .	2.9	8
2	An Academic Publishersâ€™ GO FAIR Implementation Network (APIN). <i>Information Services and Use</i> , 2021, 40, 333-341.	0.2	5
3	Design of a FAIR digital data health infrastructure in Africa for COVIDâ€™19 reporting and research. <i>Genetics &amp; Genomics Next</i> , 2021, 2, e10050.	1.5	27
4	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. <i>Data Intelligence</i> , 2020, 2, 158-170.	1.5	10
5	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020, 2, 10-29.	1.5	149
6	A Generic Workflow for the Data FAIRification Process. <i>Data Intelligence</i> , 2020, 2, 56-65.	1.5	59
7	The FAIR Principles: First Generation Implementation Choices and Challenges. <i>Data Intelligence</i> , 2020, 2, 1-9.	1.5	19
8	From FAIR Leading Practices to FAIR Implementation and Back: An Inclusive Approach to FAIR at Leiden University Libraries. <i>Data Science Journal</i> , 2020, 19, .	1.3	2
9	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. <i>Lecture Notes in Computer Science</i> , 2020, , 138-147.	1.3	15
10	Evaluating FAIR maturity through a scalable, automated, community-governed framework. <i>Scientific Data</i> , 2019, 6, 174.	5.3	82
11	FAIR Principles and Digital Objects: Accelerating Convergence on a Data Infrastructure. <i>Communications in Computer and Information Science</i> , 2019, , 3-16.	0.5	20
12	Community Detection in NK Landscapes - An Empirical Study of Complexity Transitions in Interactive Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 163-176.	0.6	0
13	A design framework and exemplar metrics for FAIRness. <i>Scientific Data</i> , 2018, 5, 180118.	5.3	145
14	Automated extraction of potential migraine biomarkers using a semantic graph. <i>Journal of Biomedical Informatics</i> , 2017, 71, 178-189.	4.3	24
15	The Implicitome: A Resource for Rationalizing Gene-Disease Associations. <i>PLoS ONE</i> , 2016, 11, e0149621.	2.5	22
16	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
17	Gene expression analysis identifies global gene dosage sensitivity in cancer. <i>Nature Genetics</i> , 2015, 47, 115-125.	21.4	313
18	Gateways to the FANTOM5 promoter level mammalian expression atlas. <i>Genome Biology</i> , 2015, 16, 22.	8.8	687

#	ARTICLE	IF	CITATIONS
19	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	27.8	1,838
20	Preserving sequence annotations across reference sequences. <i>Journal of Biomedical Semantics</i> , 2014, 5, S6.	1.6	3
21	An autonomously self-assembling dendritic DNA nanostructure for target DNA detection. <i>Biotechnology Journal</i> , 2013, 8, 221-227.	3.5	64
22	Generic Information Can Retrieve Known Biological Associations: Implications for Biomedical Knowledge Discovery. <i>PLoS ONE</i> , 2013, 8, e78665.	2.5	10
23	Theoretical and technological building blocks for an innovation accelerator. <i>European Physical Journal: Special Topics</i> , 2012, 214, 183-214.	2.6	12
24	Microattribution and nanopublication as means to incentivize the placement of human genome variation data into the public domain. <i>Human Mutation</i> , 2012, 33, 1503-1512.	2.5	59
25	Phage display screening without repetitious selection rounds. <i>Analytical Biochemistry</i> , 2012, 421, 622-631.	2.4	149
26	Protein Folding Absent Selection. <i>Genes</i> , 2011, 2, 608-626.	2.4	24
27	The value of data. <i>Nature Genetics</i> , 2011, 43, 281-283.	21.4	126
28	Compact and ordered collapse of randomly generated RNA sequences. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 1130-1136.	8.2	72
29	One Sequence, Two Ribozymes: Implications for the Emergence of New Ribozyme Folds. <i>Science</i> , 2000, 289, 448-452.	12.6	340
30	Presidential Politics: Constrained by Complexity?. <i>Science</i> , 2000, 290, 933-933.	12.6	0
31	Estimating the Contributions of Selection and Self-Organization in RNA Secondary Structure. <i>Journal of Molecular Evolution</i> , 1999, 49, 76-83.	1.8	87
32	A parameterization of RNA sequence space. <i>Complexity</i> , 1999, 4, 61-71.	1.6	8
33	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	4.5	58
34	A putative role for genome-wide epigenetic regulatory mechanisms in Huntington's disease: A computational assessment. <i>F1000Research</i> , 0, 6, 1888.	1.6	0