Anne E Thessen

List of Publications by Year
in descending order

44 papers	2,247 citations	430754 18 h-index	360920 35 g-index
53 all docs	53 docs citations	53 times ranked	4058 citing authors

#	Article	IF	Citations
1	Implementation of Zebrafish Ontologies for Toxicology Screening. Frontiers in Toxicology, 2022, 4, 817999.	1.6	4
2	A Simple Standard for Sharing Ontological Mappings (SSSOM). Database: the Journal of Biological Databases and Curation, 2022, 2022, .	1.4	23
3	Progress toward a universal biomedical data translator. Clinical and Translational Science, 2022, 15, 1838-1847.	1.5	17
4	Biolink Model: A universal schema for knowledge graphs in clinical, biomedical, and translational science. Clinical and Translational Science, 2022, 15, 1848-1855.	1.5	38
5	The landscape of nutri-informatics: a review of current resources and challenges for integrative nutrition research. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	15
6	From Reductionism to Reintegration: Solving society's most pressing problems requires building bridges between data types across the life sciences. PLoS Biology, 2021, 19, e3001129.	2.6	6
7	The Monarch Initiative in 2019: an integrative data and analytic platform connecting phenotypes to genotypes across species. Nucleic Acids Research, 2020, 48, D704-D715.	6.5	178
8	People are essential to linking biodiversity data. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	1.4	19
9	Transforming the study of organisms: Phenomic data models and knowledge bases. PLoS Computational Biology, 2020, 16, e1008376.	1.5	12
10	A novel curation system to facilitate data integration across regional citizen science survey programs. PeerJ, 2020, 8, e9219.	0.9	6
11	Biodiversity Informatics. , 2018, , 375-399.		2
12	A new paradigm for the scientific enterprise: nurturing the ecosystem. F1000Research, 2018, 7, 803.	0.8	4
13	Calculating in situ degradation rates of hydrocarbon compounds in deep waters of the Gulf of Mexico. Marine Pollution Bulletin, 2017, 122, 77-84.	2.3	14
14	Synthesizer: Expediting synthesis studies from context-free data with information retrieval techniques. PLoS ONE, 2017, 12, e0175860.	1.1	0
15	Data Infrastructures for Estuarine and Coastal Ecological Syntheses. Estuaries and Coasts, 2016, 39, 295-310.	1.0	2
16	Lessons learned while building the Deepwater Horizon Database: Toward improved data sharing in coastal science. Computers and Geosciences, 2016, 87, 84-90.	2.0	5
17	Challenges with using names to link digital biodiversity information. Biodiversity Data Journal, 2016, 4, e8080.	0.4	42
18	The influence of droplet size and biodegradation on the transport of subsurface oil droplets during the *Deepwater Horizon* spill: a model sensitivity study. Environmental Research Letters, 2015, 10, 024016.	2.2	72

#	Article	IF	Citations
19	Finding Our Way through Phenotypes. PLoS Biology, 2015, 13, e1002033.	2.6	178
20	Emerging semantics to link phenotype and environment. PeerJ, 2015, 3, e1470.	0.9	15
21	Knowledge Extraction and Semantic Annotation of Text from the Encyclopedia of Life. PLoS ONE, 2014, 9, e89550.	1.1	19
22	Semantic Web and Big Data meets Applied Ontology. Applied Ontology, 2014, 9, 155-170.	1.0	28
23	A statistical assessment of population trends for data deficient Mexican amphibians. PeerJ, 2014, 2, e703.	0.9	8
24	Synthesis of primary production in the Arctic Ocean: III. Nitrate and phosphate based estimates of net community production. Progress in Oceanography, 2013, 110, 126-150.	1.5	199
25	Geoinformatics: Toward an integrative view of Earth as a system. , 2013, , .		3
26	Data Conservancy Provenance, Context, and Lineage Services: Key Components for Data Preservation and Curation. Data Science Journal, 2013, 12, 158-171.	0.6	11
27	The user's view on biodiversity data sharing â€" Investigating facts of acceptance and requirements to realize a sustainable use of research data â€". Ecological Informatics, 2012, 11, 25-33.	2.3	95
28	Pseudo-nitzschia physiological ecology, phylogeny, toxicity, monitoring and impacts on ecosystem health. Harmful Algae, 2012, 14, 271-300.	2.2	429
29	Transcriptomics and microbial eukaryote diversity: a way forward. Trends in Ecology and Evolution, 2012, 27, 651-652.	4.2	11
30	Applications of Natural Language Processing in Biodiversity Science. Advances in Bioinformatics, 2012, 2012, 1-17.	5.7	68
31	The Taxonomic Significance of Species That Have Only Been Observed Once: The Genus Gymnodinium (Dinoflagellata) as an Example. PLoS ONE, 2012, 7, e44015.	1.1	43
32	Data issues in the life sciences. ZooKeys, 2011, 150, 15-51.	0.5	88
33	Meeting Report: BioSharing at ISMB 2010. Standards in Genomic Sciences, 2010, 3, 254-258.	1.5	19
34	Ecosystems Monitoring: An Information Extraction and Event Processing Scientific Workflow. , 2010, , .		1
35	Intra- and interspecies differences in growth and toxicity of Pseudo-nitzschia while using different nitrogen sources. Harmful Algae, 2009, 8, 792-810.	2.2	106
36	Distribution, Abundance and Domoic Acid Analysis of the Toxic Diatom Genus Pseudo-nitzschia from the Chesapeake Bay. Estuaries and Coasts, 2008, 31, 664-672.	1.0	42

#	ARTICLE	IF	CITATIONS
37	"Windows of opportunity" for dinoflagellate blooms: Reduced microzooplankton net growth coupled to eutrophication. Harmful Algae, 2008, 8, 158-166.	2.2	30
38	Effect of salinity on the distribution, growth, and toxicity of Karenia spp.. Harmful Algae, 2006, 5, 199-212.	2.2	76
39	EFFECT OF SALINITY ONPSEUDO-NITZSCHIASPECIES (BACILLARIOPHYCEAE) GROWTH AND DISTRIBUTION. Journal of Phycology, 2005, 41, 21-29.	1.0	108
40	Automated Trait Extraction using ClearEarth, a Natural Language Processing System for Text Mining in Natural Sciences. Biodiversity Information Science and Standards, 0, 2, e26080.	0.0	4
41	Adoption of Machine Learning Techniques in Ecology and Earth Science. One Ecosystem, 0, 1, e8621.	0.0	120
42	Building Your Own Big Data Analysis Infrastructure for Biodiversity Science. Biodiversity Information Science and Standards, 0, 1, e20161.	0.0	0
43	Semantic Interoperability Solutions for the Essential Variables: Focus on biodiversity. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
44	A Proposed Metadata Standard for Recording and Sharing Attribution Information in Biodiversity. Biodiversity Information Science and Standards, 0, 3, .	0.0	0