

# Dawn Field

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11294132/publications.pdf>

Version: 2024-02-01

89  
papers

9,660  
citations

81900

39  
h-index

51608

86  
g-index

93  
all docs

93  
docs citations

93  
times ranked

15094  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of anthropogenic arsenic contamination on the earthworm microbiome. Environmental Microbiology, 2015, 17, 1884-1896.	3.8	118
2	Desktop as a Service Supporting Environmental 'omics. , 2015, , .		0
3	Satellite remote sensing data can be used to model marine microbial metabolite turnover. ISME Journal, 2015, 9, 166-179.	9.8	17
4	Catchment-scale biogeography of riverine bacterioplankton. ISME Journal, 2015, 9, 516-526.	9.8	202
5	Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains. PLoS Biology, 2014, 12, e1001920.	5.6	190
6	EBI metagenomicsâ€”a new resource for the analysis and archiving of metagenomic data. Nucleic Acids Research, 2014, 42, D600-D606.	14.5	127
7	The hospital microbiome project: meeting report for the UK science and innovation network UK-USA workshop â€”beating the superbugs: hospital microbiome studies for tackling antimicrobial resistanceâ€™, October 14th 2013. Standards in Genomic Sciences, 2014, 9, .	1.5	6
8	Genomic Standards Consortium Projects. Standards in Genomic Sciences, 2014, 9, 599-601.	1.5	26
9	Report of the 14th Genomic Standards Consortium Meeting, Oxford, UK, September 17-21, 2012.. Standards in Genomic Sciences, 2014, 9, 1236-1250.	1.5	1
10	Genomic Standards Consortium Projects. Standards in Genomic Sciences, 2014, 9, 599-601.	1.5	29
11	A decadal view of biodiversity informatics: challenges and priorities. BMC Ecology, 2013, 13, 16.	3.0	110
12	Genomics in marine monitoring: New opportunities for assessing marine health status. Marine Pollution Bulletin, 2013, 74, 19-31.	5.0	196
13	Evidence for a persistent microbial seed bank throughout the global ocean. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4651-4655.	7.1	200
14	Toward interoperable bioscience data. Nature Genetics, 2012, 44, 121-126.	21.4	362
15	Investigation-Study-Assay, a toolkit for standardizing data capture and sharing. , 2012, , 173-188.		1
16	The Metadata Coverage Index (MCI): A standardized metric for quantifying database metadata richness. Standards in Genomic Sciences, 2012, 6, 444-453.	1.5	8
17	Conceptualizing a Genomics Software Institute (GSI). Standards in Genomic Sciences, 2012, 6, 136-144.	1.5	1
18	Report of the 13th Genomic Standards Consortium Meeting, Shenzhen, China, March 4â€”7, 2012.. Standards in Genomic Sciences, 2012, 6, 276-286.	1.5	3

#	ARTICLE	IF	CITATIONS
19	RCN4GSC Workshop Report: Managing Data at the Interface of Biodiversity and (Meta)Genomics, March 2011. Standards in Genomic Sciences, 2012, 7, 159-165.	1.5	5
20	Cloud BioLinux: pre-configured and on-demand bioinformatics computing for the genomics community. BMC Bioinformatics, 2012, 13, 42.	2.6	136
21	Bio-Linux as a tool for bioinformatics training. , 2012, , .		1
22	The Western English Channel contains a persistent microbial seed bank. ISME Journal, 2012, 6, 1089-1093.	9.8	170
23	A call for an international network of genomic observatories (GOs). GigaScience, 2012, 1, 5.	6.4	25
24	A genomic network to monitor Earth. Nature, 2012, 481, 145-145.	27.8	24
25	Defining seasonal marine microbial community dynamics. ISME Journal, 2012, 6, 298-308.	9.8	928
26	Unlocking the potential of metagenomics through replicated experimental design. Nature Biotechnology, 2012, 30, 513-520.	17.5	250
27	Predicting bacterial community assemblages using an artificial neural network approach. Nature Methods, 2012, 9, 621-625.	19.0	159
28	Data Standards for Omics Data: The Basis of Data Sharing and Reuse. Methods in Molecular Biology, 2011, 719, 31-69.	0.9	73
29	Minimum information about a marker gene sequence (MIMARKS) and minimum information about any (x) sequence (MlxS) specifications. Nature Biotechnology, 2011, 29, 415-420.	17.5	608
30	A Call for Papers for the second special issue of SIGS from the Genomic Standards Consortium. Standards in Genomic Sciences, 2011, 4, 111-112.	1.5	0
31	The Earth Microbiome Project: The Meeting Report for the 1st International Earth Microbiome Project Conference, Shenzhen, China, June 13th-15th 2011. Standards in Genomic Sciences, 2011, 5, 243-247.	1.5	18
32	Enriching public descriptions of marine phages using the Genomic Standards Consortium MIGS standard. Standards in Genomic Sciences, 2011, 4, 271-285.	1.5	4
33	Data shopping in an open marketplace: Introducing the Ontogrator web application for marking up data using ontologies and browsing using facets. Standards in Genomic Sciences, 2011, 4, 286-292.	1.5	4
34	The genomic standards consortium: bringing standards to life for microbial ecology. ISME Journal, 2011, 5, 1565-1567.	9.8	59
35	Predicted Relative Metabolomic Turnover (PRMT): determining metabolic turnover from a coastal marine metagenomic dataset. Microbial Informatics and Experimentation, 2011, 1, 4.	7.6	93
36	Towards BioDBcore: a community-defined information specification for biological databases. Database: the Journal of Biological Databases and Curation, 2011, 2011, baq027-baq027.	3.0	30

#	ARTICLE	IF	CITATIONS
37	Towards BioDBcore: a community-defined information specification for biological databases. <i>Nucleic Acids Research</i> , 2011, 39, D7-D10.	14.5	32
38	The Genomic Standards Consortium. <i>PLoS Biology</i> , 2011, 9, e1001088.	5.6	180
39	Metagenomes and metatranscriptomes from the L4 long-term coastal monitoring station in the Western English Channel. <i>Standards in Genomic Sciences</i> , 2010, 3, 183-193.	1.5	28
40	Meeting Report: The Terabase Metagenomics Workshop and the Vision of an Earth Microbiome Project. <i>Standards in Genomic Sciences</i> , 2010, 3, 243-248.	1.5	228
41	The first special issue of <i>Standards in Genomic Sciences</i> from the Genomic Standards Consortium. <i>Standards in Genomic Sciences</i> , 2010, 3, 214-215.	1.5	0
42	The Earth Microbiome Project: Meeting report of the 1st EMP meeting on sample selection and acquisition at Argonne National Laboratory October 6th 2010. <i>Standards in Genomic Sciences</i> , 2010, 3, 249-253.	1.5	176
43	Meeting Report: BioSharing at ISMB 2010. <i>Standards in Genomic Sciences</i> , 2010, 3, 254-258.	1.5	19
44	Meeting report: GSC M5 roundtable at the 13th International Society for Microbial Ecology meeting in Seattle, WA, USA August 22-27, 2010. <i>Standards in Genomic Sciences</i> , 2010, 3, 235-239.	1.5	7
45	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 9. <i>Standards in Genomic Sciences</i> , 2010, 3, 216-224.	1.5	3
46	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 10. <i>Standards in Genomic Sciences</i> , 2010, 3, 225-231.	1.5	8
47	Meeting Report from the Second "Minimum Information for Biological and Biomedical Investigations" (MIBBI) workshop. <i>Standards in Genomic Sciences</i> , 2010, 3, 259-266.	1.5	32
48	Meeting Report: "Metagenomics, Metadata and Meta-analysis" (M3) Workshop at the Pacific Symposium on Biocomputing 2010. <i>Standards in Genomic Sciences</i> , 2010, 2, 357-360.	1.5	2
49	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 8. <i>Standards in Genomic Sciences</i> , 2010, 3, 93-96.	1.5	1
50	Comparison of multiple metagenomes using phylogenetic networks based on ecological indices. <i>ISME Journal</i> , 2010, 4, 1236-1242.	9.8	43
51	Day-length is central to maintaining consistent seasonal diversity in marine bacterioplankton. <i>Nature Precedings</i> , 2010, , .	0.1	8
52	ISA software suite: supporting standards-compliant experimental annotation and enabling curation at the community level. <i>Bioinformatics</i> , 2010, 26, 2354-2356.	4.1	247
53	The Taxonomic and Functional Diversity of Microbes at a Temperate Coastal Site: A "Multi-Omic" Study of Seasonal and Diel Temporal Variation. <i>PLoS ONE</i> , 2010, 5, e15545.	2.5	219
54	The seasonal structure of microbial communities in the Western English Channel. <i>Environmental Microbiology</i> , 2009, 11, 3132-3139.	3.8	384

#	ARTICLE	IF	CITATIONS
55	Potential for phosphonoacetate utilization by marine bacteria in temperate coastal waters. <i>Environmental Microbiology</i> , 2009, 11, 111-125.	3.8	55
56	'Omics Data Sharing. <i>Science</i> , 2009, 326, 234-236.	12.6	136
57	Extending Standards for Genomics and Metagenomics Data: A Research Coordination Network for the Genomic Standards Consortium (RCN4GSC). <i>Standards in Genomic Sciences</i> , 2009, 1, 85-90.	1.5	13
58	Meeting Report: Metagenomics, Metadata and Meta-analysis; (M3) Special Interest Group at ISMB 2009. <i>Standards in Genomic Sciences</i> , 2009, 1, 278-282.	1.5	4
59	Meeting Report from the Genomic Standards Consortium (GSC) Workshops 6 and 7. <i>Standards in Genomic Sciences</i> , 2009, 1, 68-71.	1.5	13
60	Standards for Functional Genomics. , 2009, , 293-329.		0
61	Towards interoperable reporting standards for omics data: hopes and hurdles. <i>Summit on Translational Bioinformatics</i> , 2009, 2009, 112-5.	0.7	1
62	Promoting coherent minimum reporting guidelines for biological and biomedical investigations: the MIBBI project. <i>Nature Biotechnology</i> , 2008, 26, 889-896.	17.5	506
63	Working together to put molecules on the map. <i>Nature</i> , 2008, 453, 978-978.	27.8	12
64	The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008, 26, 541-547.	17.5	1,069
65	Habitat-Lite: A GSC Case Study Based on Free Text Terms for Environmental Metadata. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 129-136.	2.0	39
66	Toward an Online Repository of Standard Operating Procedures (SOPs) for (Meta)genomic Annotation. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 137-141.	2.0	598
67	Defining Linkages between the GSC and NSF's LTER Program: How the Ecological Metadata Language (EML) Relates to GCDML and Other Outcomes. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 151-156.	2.0	6
68	A Standard MIGS/MIMS Compliant XML Schema: Toward the Development of the Genomic Contextual Data Markup Language (GCDML). <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 115-121.	2.0	59
69	Laying the Foundation for a Genomic Rosetta Stone: Creating Information Hubs through the Use of Consensus Identifiers. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 123-127.	2.0	12
70	Toward a Standards-Compliant Genomic and Metagenomic Publication Record. <i>OMICS A Journal of Integrative Biology</i> , 2008, 12, 157-160.	2.0	33
71	Detection of Large Numbers of Novel Sequences in the Metatranscriptomes of Complex Marine Microbial Communities. <i>PLoS ONE</i> , 2008, 3, e3042.	2.5	321
72	eGenomics: Cataloguing Our Complete Genome Collection III. <i>Comparative and Functional Genomics</i> , 2007, 2007, 1-7.	2.0	4

#	ARTICLE	IF	CITATIONS
73	Handlebar: a flexible, web-based inventory manager for handling barcoded samples. <i>BioTechniques</i> , 2007, 42, 300-302.	1.8	8
74	The Positive Role of the Ecological Community in the Genomic Revolution. <i>Microbial Ecology</i> , 2007, 53, 507-511.	2.8	5
75	Standard reporting requirements for biological samples in metabolomics experiments: environmental context. <i>Metabolomics</i> , 2007, 3, 203-210.	3.0	93
76	Large-Scale Comparative Genomic Ranking of Taxonomically Restricted Genes (TRGs) in Bacterial and Archaeal Genomes. <i>PLoS ONE</i> , 2007, 2, e324.	2.5	28
77	Concept of Sample in OMICS Technology. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 127-137.	2.0	44
78	Standard Annotation of Environmental OMICS Data: Application to the Transcriptomics Domain. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 172-178.	2.0	21
79	A Special Issue on Data Standards. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 84-93.	2.0	46
80	Open software for biologists: from famine to feast. <i>Nature Biotechnology</i> , 2006, 24, 801-803.	17.5	185
81	Development of FuGO: An Ontology for Functional Genomics Investigations. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 199-204.	2.0	56
82	Ecological perspectives on the sequenced genome collection. <i>Ecology Letters</i> , 2005, 8, 1334-1345.	6.4	28
83	eGenomics: Genomes and the Environment. <i>Comparative and Functional Genomics</i> , 2005, 6, 357-362.	2.0	7
84	Bioinformatics and Data Management Support for Environmental Genomics. <i>PLoS Biology</i> , 2005, 3, e297.	5.6	18
85	Cataloguing our current genome collection. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1016-1019.	1.8	17
86	Notes on designing a partial genomic database: The PfsBW25 Encyclopaedia, a sequence database for <i>Pseudomonas fluorescens</i> SBW25. <i>Microbiology (United Kingdom)</i> , 2001, 147, 247-249.	1.8	8
87	The simple sequence contingency loci of <i>Haemophilus influenzae</i> and <i>Neisseria meningitidis</i> . <i>Journal of Clinical Investigation</i> , 2001, 107, 657-666.	8.2	137
88	The length of a tetranucleotide repeat tract in <i>Haemophilus influenzae</i> determines the phase variation rate of a gene with homology to type III DNA methyltransferases. <i>Molecular Microbiology</i> , 2000, 35, 211-222.	2.5	164
89	The generation of diversity by <i>Haemophilus influenzae</i> : Response. <i>Trends in Microbiology</i> , 2000, 8, 435-436.	7.7	6