

Dawn Field

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

7,883

citations

38

h-index

88

g-index

93

ext. papers

9,094

ext. citations

13

avg, IF

5.06

L-index

#	Paper	IF	Citations
86	The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008 , 26, 541-7	44.5	964
85	Defining seasonal marine microbial community dynamics. <i>ISME Journal</i> , 2012 , 6, 298-308	11.9	656
84	Toward an online repository of Standard Operating Procedures (SOPs) for (meta)genomic annotation. <i>OMICS A Journal of Integrative Biology</i> , 2008 , 12, 137-41	3.8	491
83	Minimum information about a marker gene sequence (MIMARKS) and minimum information about any (x) sequence (MIXS) specifications. <i>Nature Biotechnology</i> , 2011 , 29, 415-20	44.5	445
82	Promoting coherent minimum reporting guidelines for biological and biomedical investigations: the MIBBI project. <i>Nature Biotechnology</i> , 2008 , 26, 889-96	44.5	417
81	The seasonal structure of microbial communities in the Western English Channel. <i>Environmental Microbiology</i> , 2009 , 11, 3132-9	5.2	291
80	Detection of large numbers of novel sequences in the metatranscriptomes of complex marine microbial communities. <i>PLoS ONE</i> , 2008 , 3, e3042	3.7	289
79	Toward interoperable bioscience data. <i>Nature Genetics</i> , 2012 , 44, 121-6	36.3	286
78	Unlocking the potential of metagenomics through replicated experimental design. <i>Nature Biotechnology</i> , 2012 , 30, 513-20	44.5	212
77	ISA software suite: supporting standards-compliant experimental annotation and enabling curation at the community level. <i>Bioinformatics</i> , 2010 , 26, 2354-6	7.2	208
76	Meeting report: the terabase metagenomics workshop and the vision of an Earth microbiome project. <i>Standards in Genomic Sciences</i> , 2010 , 3, 243-8		187
75	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	3.7	173
74	Evidence for a persistent microbial seed bank throughout the global ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4651-5	11.5	158
73	Open software for biologists: from famine to feast. <i>Nature Biotechnology</i> , 2006 , 24, 801-3	44.5	158
72	Genomics in marine monitoring: new opportunities for assessing marine health status. <i>Marine Pollution Bulletin</i> , 2013 , 74, 19-31	6.7	154
71	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, 211-22	4.1	148
70	Genomic encyclopedia of bacteria and archaea: sequencing a myriad of type strains. <i>PLoS Biology</i> , 2014 , 12, e1001920	9.7	146

69	The Earth Microbiome Project: Meeting report of the "1 EMP meeting on sample selection and acquisition" at Argonne National Laboratory October 6 2010. <i>Standards in Genomic Sciences</i> , 2010 , 3, 249-53		146
68	The Genomic Standards Consortium. <i>PLoS Biology</i> , 2011 , 9, e1001088	9.7	143
67	The Western English Channel contains a persistent microbial seed bank. <i>ISME Journal</i> , 2012 , 6, 1089-93	11.9	140
66	Catchment-scale biogeography of riverine bacterioplankton. <i>ISME Journal</i> , 2015 , 9, 516-26	11.9	134
65	Predicting bacterial community assemblages using an artificial neural network approach. <i>Nature Methods</i> , 2012 , 9, 621-5	21.6	130
64	Megascience. 'Omics data sharing. <i>Science</i> , 2009 , 326, 234-6	33.3	117
63	The simple sequence contingency loci of <i>Haemophilus influenzae</i> and <i>Neisseria meningitidis</i> . <i>Journal of Clinical Investigation</i> , 2001 , 107, 657-62	15.9	115
62	Cloud BioLinux: pre-configured and on-demand bioinformatics computing for the genomics community. <i>BMC Bioinformatics</i> , 2012 , 13, 42	3.6	111
61	EBI metagenomics--a new resource for the analysis and archiving of metagenomic data. <i>Nucleic Acids Research</i> , 2014 , 42, D600-6	20.1	104
60	The effect of anthropogenic arsenic contamination on the earthworm microbiome. <i>Environmental Microbiology</i> , 2015 , 17, 1884-96	5.2	85
59	A decadal view of biodiversity informatics: challenges and priorities. <i>BMC Ecology</i> , 2013 , 13, 16	2.7	81
58	A Call for Papers for the second special issue of SIGS from the Genomic Standards Consortium. <i>Standards in Genomic Sciences</i> , 2011 , 4, 111-112		78
57	Standard reporting requirements for biological samples in metabolomics experiments: environmental context. <i>Metabolomics</i> , 2007 , 3, 203-210	4.7	78
56	Predicted Relative Metabolomic Turnover (PRMT): determining metabolic turnover from a coastal marine metagenomic dataset. <i>Microbial Informatics and Experimentation</i> , 2011 , 1, 4		73
55	Data standards for Omics data: the basis of data sharing and reuse. <i>Methods in Molecular Biology</i> , 2011 , 719, 31-69	1.4	52
54	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, 115-21	3.8	52
53	Potential for phosphonoacetate utilization by marine bacteria in temperate coastal waters. <i>Environmental Microbiology</i> , 2009 , 11, 111-25	5.2	49
52	The genomic standards consortium: bringing standards to life for microbial ecology. <i>ISME Journal</i> , 2011 , 5, 1565-7	11.9	48

51	Development of FuGO: an ontology for functional genomics investigations. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 199-204	3.8	45
50	Comparison of multiple metagenomes using phylogenetic networks based on ecological indices. <i>ISME Journal</i> , 2010 , 4, 1236-42	11.9	39
49	Concept of sample in OMICS technology. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 127-37	3.8	38
48	A Special Issue on Data Standards. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 84-93	3.8	35
47	Habitat-Lite: a GSC case study based on free text terms for environmental metadata. <i>OMICS A Journal of Integrative Biology</i> , 2008 , 12, 129-36	3.8	34
46	Toward a standards-compliant genomic and metagenomic publication record. <i>OMICS A Journal of Integrative Biology</i> , 2008 , 12, 157-60	3.8	31
45	Meeting Report from the Second "Minimum Information for Biological and Biomedical Investigations" (MIBBI) workshop. <i>Standards in Genomic Sciences</i> , 2010 , 3, 259-66		26
44	Ecological perspectives on the sequenced genome collection. <i>Ecology Letters</i> , 2005 , 8, 1334-1345	10	24
43	Large-scale comparative genomic ranking of taxonomically restricted genes (TRGs) in bacterial and archaeal genomes. <i>PLoS ONE</i> , 2007 , 2, e324	3.7	24
42	Genomic Standards Consortium Projects. <i>Standards in Genomic Sciences</i> , 2014 , 9, 599-601		23
41	Metagenomes and metatranscriptomes from the L4 long-term coastal monitoring station in the Western English Channel. <i>Standards in Genomic Sciences</i> , 2010 , 3, 183-93		22
40	Genomic standards consortium projects. <i>Standards in Genomic Sciences</i> , 2014 , 9, 599-601		21
39	Sequencing data: A genomic network to monitor Earth. <i>Nature</i> , 2012 , 481, 145	50.4	20
38	A call for an international network of genomic observatories (GOs). <i>GigaScience</i> , 2012 , 1, 5	7.6	19
37	Meeting Report: BioSharing at ISMB 2010. <i>Standards in Genomic Sciences</i> , 2010 , 3, 254-8		18
36	Annotation of environmental OMICS data: application to the transcriptomics domain. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 172-8	3.8	18
35	Satellite remote sensing data can be used to model marine microbial metabolite turnover. <i>ISME Journal</i> , 2015 , 9, 166-79	11.9	15
34	Cataloguing our current genome collection. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 1016-1019	2.9	15

- 33 Bioinformatics and data management support for environmental genomics. *PLoS Biology*, **2005**, 3, e297 9.7 14
- 32 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 13
- 31 Meeting Report from the Genomic Standards Consortium (GSC) Workshops 6 and 7. *Standards in Genomic Sciences*, **2009**, 1, 68-71 11
- 30 Laying the foundation for a Genomic Rosetta Stone: creating information hubs through the use of consensus identifiers. *OMICS A Journal of Integrative Biology*, **2008**, 12, 123-7 3.8 11
- 29 Working together to put molecules on the map. *Nature*, **2008**, 453, 978 50.4 9
- 28 Handlebar: a flexible, web-based inventory manager for handling barcoded samples. *BioTechniques*, **2007**, 42, 300, 302 2.5 8
- 27 Notes on designing a partial genomic database: The PFSBW25 Encyclopaedia, a sequence database for *Pseudomonas fluorescens* SBW25. *Microbiology (United Kingdom)*, **2001**, 147, 247-249 2.9 8
- 26 Extending Standards for Genomics and Metagenomics Data: A Research Coordination Network for the Genomic Standards Consortium (RCN4GSC). *Standards in Genomic Sciences*, **2009**, 1, 87-90 7
- 25 Meeting Report from the Genomic Standards Consortium (GSC) Workshop 10. *Standards in Genomic Sciences*, **2010**, 3, 225-31 7
- 24 Day-length is central to maintaining consistent seasonal diversity in marine bacterioplankton. *Nature Precedings*, **2010**, 6
- 23 The Metadata Coverage Index (MCI): A standardized metric for quantifying database metadata richness. *Standards in Genomic Sciences*, **2012**, 6, 438-47 6
- 22 Meeting report: GSC M5 roundtable at the 13th International Society for Microbial Ecology meeting in Seattle, WA, USA August 22-27, 2010. *Standards in Genomic Sciences*, **2010**, 3, 235-9 6
- 21 The hospital microbiome project: meeting report for the UK science and innovation network UK-USA workshop Beating the superbugs: hospital microbiome studies for tackling antimicrobial resistance[]October 14th 2013. *Standards in Genomic Sciences*, **2014**, 9, 12 5
- 20 RCN4GSC Workshop Report: Managing Data at the Interface of Biodiversity and (Meta)Genomics, March 2011. *Standards in Genomic Sciences*, **2012**, 7, 159-65 5
- 19 Defining linkages between the GSC and NSF's LTER program: how the Ecological Metadata Language (EML) relates to GCDML and other outcomes. *OMICS A Journal of Integrative Biology*, **2008**, 12, 151-6 3.8 5
- 18 The positive role of the ecological community in the genomic revolution. *Microbial Ecology*, **2007**, 53, 507-11 4.4 5
- 17 The generation of diversity by *Haemophilus influenzae*: response. *Trends in Microbiology*, **2000**, 8, 435-6 12.4 5
- 16 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, 286-92 4

15	Meeting Report: "Metagenomics, Metadata and Meta-analysis" (M3) Special Interest Group at ISMB 2009. <i>Standards in Genomic Sciences</i> , 2009 , 1, 278-82	4
14	Detection of Large Numbers of Novel Sequences in the Metatranscriptomes of Complex Marine Microbial Communities 2011 , 277-286	3
13	eGenomics: Cataloguing Our Complete Genome Collection III. <i>Comparative and Functional Genomics</i> , 2007 , 2007, 1-7	3
12	eGenomics: genomes and the environment. <i>Comparative and Functional Genomics</i> , 2005 , 6, 357-62	3
11	Enriching public descriptions of marine phages using the Genomic Standards Consortium MIGS standard. <i>Standards in Genomic Sciences</i> , 2011 , 4, 271-85	2
10	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 9. <i>Standards in Genomic Sciences</i> , 2010 , 3, 216-24	2
9	Meeting Report: "Metagenomics, Metadata and Meta-analysis" (M3) Workshop at the Pacific Symposium on Biocomputing 2010. <i>Standards in Genomic Sciences</i> , 2010 , 2, 357-60	2
8	Report of the 14th Genomic Standards Consortium Meeting, Oxford, UK, September 17-21, 2012.. <i>Standards in Genomic Sciences</i> , 2014 , 9, 1236-1250	1
7	Conceptualizing a Genomics Software Institute (GSI). <i>Standards in Genomic Sciences</i> , 2012 , 6, 136-44	1
6	Report of the 13(th) Genomic Standards Consortium Meeting, Shenzhen, China, March 4-7, 2012. <i>Standards in Genomic Sciences</i> , 2012 , 6, 276-86	1
5	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 8. <i>Standards in Genomic Sciences</i> , 2010 , 3, 93-6	1
4	Towards interoperable reporting standards for omics data: hopes and hurdles. <i>Summit on Translational Bioinformatics</i> , 2009 , 2009, 112-5	1
3	Investigation-Study-Assay, a toolkit for standardizing data capture and sharing 2012 , 173-188	0
2	The first special issue of <i>Standards in Genomic Sciences</i> from the Genomic Standards Consortium. <i>Standards in Genomic Sciences</i> , 2010 , 3, 214-5	
1	Standards for Functional Genomics 2009 , 293-329	