

Dawn Field

List of Publications by Year in Descending Order

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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 | Catchment-scale biogeography of riverine bacterioplankton. <i>ISME Journal</i> , 2015 , 9, 516-26 | 11.9 | 134 |
| 85 | The effect of anthropogenic arsenic contamination on the earthworm microbiome. <i>Environmental Microbiology</i> , 2015 , 17, 1884-96 | 5.2 | 85 |
| 84 | Satellite remote sensing data can be used to model marine microbial metabolite turnover. <i>ISME Journal</i> , 2015 , 9, 166-79 | 11.9 | 15 |
| 83 | 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 |
| 82 | 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. <i>Standards in Genomic Sciences</i> , 2014 , 9, 12 | | 5 |
| 81 | Genomic standards consortium projects. <i>Standards in Genomic Sciences</i> , 2014 , 9, 599-601 | | 21 |
| 80 | 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 |
| 79 | Genomic encyclopedia of bacteria and archaea: sequencing a myriad of type strains. <i>PLoS Biology</i> , 2014 , 12, e1001920 | 9.7 | 146 |
| 78 | Genomic Standards Consortium Projects. <i>Standards in Genomic Sciences</i> , 2014 , 9, 599-601 | | 23 |
| 77 | A decadal view of biodiversity informatics: challenges and priorities. <i>BMC Ecology</i> , 2013 , 13, 16 | 2.7 | 81 |
| 76 | Genomics in marine monitoring: new opportunities for assessing marine health status. <i>Marine Pollution Bulletin</i> , 2013 , 74, 19-31 | 6.7 | 154 |
| 75 | 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 |
| 74 | Cloud BioLinux: pre-configured and on-demand bioinformatics computing for the genomics community. <i>BMC Bioinformatics</i> , 2012 , 13, 42 | 3.6 | 111 |
| 73 | The Western English Channel contains a persistent microbial seed bank. <i>ISME Journal</i> , 2012 , 6, 1089-93 | 11.9 | 140 |
| 72 | A call for an international network of genomic observatories (GOs). <i>GigaScience</i> , 2012 , 1, 5 | 7.6 | 19 |
| 71 | Sequencing data: A genomic network to monitor Earth. <i>Nature</i> , 2012 , 481, 145 | 50.4 | 20 |
| 70 | Defining seasonal marine microbial community dynamics. <i>ISME Journal</i> , 2012 , 6, 298-308 | 11.9 | 656 |

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| 69 | Unlocking the potential of metagenomics through replicated experimental design. <i>Nature Biotechnology</i> , 2012 , 30, 513-20 | 44.5 | 212 |
| 68 | Predicting bacterial community assemblages using an artificial neural network approach. <i>Nature Methods</i> , 2012 , 9, 621-5 | 21.6 | 130 |
| 67 | Toward interoperable bioscience data. <i>Nature Genetics</i> , 2012 , 44, 121-6 | 36.3 | 286 |
| 66 | Investigation-Study-Assay, a toolkit for standardizing data capture and sharing 2012 , 173-188 | | 0 |
| 65 | The Metadata Coverage Index (MCI): A standardized metric for quantifying database metadata richness. <i>Standards in Genomic Sciences</i> , 2012 , 6, 438-47 | | 6 |
| 64 | Conceptualizing a Genomics Software Institute (GSI). <i>Standards in Genomic Sciences</i> , 2012 , 6, 136-44 | | 1 |
| 63 | 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 |
| 62 | RCN4GSC Workshop Report: Managing Data at the Interface of Biodiversity and (Meta)Genomics, March 2011. <i>Standards in Genomic Sciences</i> , 2012 , 7, 159-65 | | 5 |
| 61 | Detection of Large Numbers of Novel Sequences in the Metatranscriptomes of Complex Marine Microbial Communities 2011 , 277-286 | | 3 |
| 60 | 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 |
| 59 | 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 |
| 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 | The Earth Microbiome Project: The Meeting Report for the 1st International Earth Microbiome Project Conference, Shenzhen, China, June 13th-15th 2011. <i>Standards in Genomic Sciences</i> , 2011 , 5, 243-247 | | 13 |
| 56 | Enriching public descriptions of marine phages using the Genomic Standards Consortium MIGS standard. <i>Standards in Genomic Sciences</i> , 2011 , 4, 271-85 | | 2 |
| 55 | Data shopping in an open marketplace: Introducing the Ontogrator web application for marking up data using ontologies and browsing using facets. <i>Standards in Genomic Sciences</i> , 2011 , 4, 286-92 | | 4 |
| 54 | The genomic standards consortium: bringing standards to life for microbial ecology. <i>ISME Journal</i> , 2011 , 5, 1565-7 | 11.9 | 48 |
| 53 | Predicted Relative Metabolomic Turnover (PRMT): determining metabolic turnover from a coastal marine metagenomic dataset. <i>Microbial Informatics and Experimentation</i> , 2011 , 1, 4 | | 73 |
| 52 | The Genomic Standards Consortium. <i>PLoS Biology</i> , 2011 , 9, e1001088 | 9.7 | 143 |

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| 51 | Comparison of multiple metagenomes using phylogenetic networks based on ecological indices. <i>ISME Journal</i> , 2010 , 4, 1236-42 | 11.9 | 39 |
| 50 | Day-length is central to maintaining consistent seasonal diversity in marine bacterioplankton. <i>Nature Precedings</i> , 2010 , | | 6 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | The first special issue of Standards in Genomic Sciences from the Genomic Standards Consortium. <i>Standards in Genomic Sciences</i> , 2010 , 3, 214-5 | | |
| 45 | 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 |
| 44 | Meeting Report: BioSharing at ISMB 2010. <i>Standards in Genomic Sciences</i> , 2010 , 3, 254-8 | | 18 |
| 43 | 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, 235-9 | | 6 |
| 42 | Meeting Report from the Genomic Standards Consortium (GSC) Workshop 9. <i>Standards in Genomic Sciences</i> , 2010 , 3, 216-24 | | 2 |
| 41 | Meeting Report from the Genomic Standards Consortium (GSC) Workshop 10. <i>Standards in Genomic Sciences</i> , 2010 , 3, 225-31 | | 7 |
| 40 | 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 |
| 39 | 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 |
| 38 | Meeting Report from the Genomic Standards Consortium (GSC) Workshop 8. <i>Standards in Genomic Sciences</i> , 2010 , 3, 93-6 | | 1 |
| 37 | 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 |
| 36 | The seasonal structure of microbial communities in the Western English Channel. <i>Environmental Microbiology</i> , 2009 , 11, 3132-9 | 5.2 | 291 |
| 35 | Potential for phosphonoacetate utilization by marine bacteria in temperate coastal waters. <i>Environmental Microbiology</i> , 2009 , 11, 111-25 | 5.2 | 49 |
| 34 | Megascience. 'Omics data sharing. <i>Science</i> , 2009 , 326, 234-6 | 33.3 | 117 |

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| 33 | 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, 87-90 | | 7 |
| 32 | 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 |
| 31 | Meeting Report from the Genomic Standards Consortium (GSC) Workshops 6 and 7. <i>Standards in Genomic Sciences</i> , 2009 , 1, 68-71 | | 11 |
| 30 | Towards interoperable reporting standards for omics data: hopes and hurdles. <i>Summit on Translational Bioinformatics</i> , 2009 , 2009, 112-5 | | 1 |
| 29 | Standards for Functional Genomics 2009 , 293-329 | | |
| 28 | Promoting coherent minimum reporting guidelines for biological and biomedical investigations: the MIBBI project. <i>Nature Biotechnology</i> , 2008 , 26, 889-96 | 44.5 | 417 |
| 27 | Working together to put molecules on the map. <i>Nature</i> , 2008 , 453, 978 | 50.4 | 9 |
| 26 | The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008 , 26, 541-7 | 44.5 | 964 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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, 151-6 | 3.8 | 5 |
| 22 | 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 |
| 21 | 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, 123-7 | 3.8 | 11 |
| 20 | Toward a standards-compliant genomic and metagenomic publication record. <i>OMICS A Journal of Integrative Biology</i> , 2008 , 12, 157-60 | 3.8 | 31 |
| 19 | 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 |
| 18 | Handlebar: a flexible, web-based inventory manager for handling barcoded samples. <i>BioTechniques</i> , 2007 , 42, 300, 302 | 2.5 | 8 |
| 17 | The positive role of the ecological community in the genomic revolution. <i>Microbial Ecology</i> , 2007 , 53, 507-11 | 4.4 | 5 |
| 16 | Standard reporting requirements for biological samples in metabolomics experiments: environmental context. <i>Metabolomics</i> , 2007 , 3, 203-210 | 4.7 | 78 |

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| 15 | eGenomics: Cataloguing Our Complete Genome Collection III. <i>Comparative and Functional Genomics</i> , 2007 , 2007, 1-7 | | 3 |
| 14 | 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 |
| 13 | Development of FuGO: an ontology for functional genomics investigations. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 199-204 | 3.8 | 45 |
| 12 | Concept of sample in OMICS technology. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 127-37 | 3.8 | 38 |
| 11 | 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 |
| 10 | A Special Issue on Data Standards. <i>OMICS A Journal of Integrative Biology</i> , 2006 , 10, 84-93 | 3.8 | 35 |
| 9 | Open software for biologists: from famine to feast. <i>Nature Biotechnology</i> , 2006 , 24, 801-3 | 44.5 | 158 |
| 8 | Ecological perspectives on the sequenced genome collection. <i>Ecology Letters</i> , 2005 , 8, 1334-1345 | 10 | 24 |
| 7 | eGenomics: genomes and the environment. <i>Comparative and Functional Genomics</i> , 2005 , 6, 357-62 | | 3 |
| 6 | Bioinformatics and data management support for environmental genomics. <i>PLoS Biology</i> , 2005 , 3, e297 | 9.7 | 14 |
| 5 | Cataloguing our current genome collection. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 1016-1019 | 2.9 | 15 |
| 4 | 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 |
| 3 | 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 | 2.9 | 8 |
| 2 | 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 |
| 1 | The generation of diversity by <i>Haemophilus influenzae</i> : response. <i>Trends in Microbiology</i> , 2000 , 8, 435-6 | 12.4 | 5 |