

# Renzo Kottmann

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

3,667  
citations

430874

18  
h-index

223800

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

6549  
citing authors

#	ARTICLE	IF	CITATIONS
1	The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008, 26, 541-547.	17.5	1,069
2	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	715
3	Minimum information about a marker gene sequence (MIMARKS) and minimum information about any (x) sequence (MlxS) specifications. <i>Nature Biotechnology</i> , 2011, 29, 415-420.	17.5	608
4	The antiSMASH database, a comprehensive database of microbial secondary metabolite biosynthetic gene clusters. <i>Nucleic Acids Research</i> , 2017, 45, D555-D559.	14.5	207
5	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	6.4	185
6	The Genomic Standards Consortium. <i>PLoS Biology</i> , 2011, 9, e1001088.	5.6	180
7	A standard operating procedure for phylogenetic inference (SOPPI) using (rRNA) marker genes. <i>Systematic and Applied Microbiology</i> , 2008, 31, 251-257.	2.8	77
8	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
9	JCoast – A biologist-centric software tool for data mining and comparison of prokaryotic (meta)genomes. <i>BMC Bioinformatics</i> , 2008, 9, 177.	2.6	58
10	BioVeL: a virtual laboratory for data analysis and modelling in biodiversity science and ecology. <i>BMC Ecology</i> , 2016, 16, 49.	3.0	45
11	Unifying the known and unknown microbial coding sequence space. <i>ELife</i> , 2022, 11, .	6.0	41
12	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
13	Megx.net: integrated database resource for marine ecological genomics. <i>Nucleic Acids Research</i> , 2010, 38, D391-D395.	14.5	35
14	Megx.net–database resources for marine ecological genomics. <i>Nucleic Acids Research</i> , 2006, 34, D390-D393.	14.5	34
15	Genomic Standards Consortium Projects. <i>Standards in Genomic Sciences</i> , 2014, 9, 599-601.	1.5	29
16	Genomic Standards Consortium Projects. <i>Standards in Genomic Sciences</i> , 2014, 9, 599-601.	1.5	26
17	Ecological structuring of bacterial and archaeal taxa in surface ocean waters. <i>FEMS Microbiology Ecology</i> , 2012, 81, 373-385.	2.7	22
18	Microbiological Common Language (MCL): a standard for electronic information exchange in the Microbial Commons. <i>Research in Microbiology</i> , 2010, 161, 439-445.	2.1	20

#	ARTICLE	IF	CITATIONS
19	Meeting Report: BioSharing at ISMB 2010. <i>Standards in Genomic Sciences</i> , 2010, 3, 254-258.	1.5	19
20	A Metagenomics Portal for a Democratized Sequencing World. <i>Methods in Enzymology</i> , 2013, 531, 487-523.	1.0	16
21	Analysis of 23S rRNA genes in metagenomes – A case study from the Global Ocean Sampling Expedition. <i>Systematic and Applied Microbiology</i> , 2011, 34, 462-469.	2.8	14
22	Marine microbial biodiversity, bioinformatics and biotechnology (M2B3) data reporting and service standards. <i>Standards in Genomic Sciences</i> , 2015, 10, 20.	1.5	14
23	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
24	Ecogenomic Perspectives on Domains of Unknown Function: Correlation-Based Exploration of Marine Metagenomes. <i>PLoS ONE</i> , 2013, 8, e50869.	2.5	11
25	MetaBar - a tool for consistent contextual data acquisition and standards compliant submission. <i>BMC Bioinformatics</i> , 2010, 11, 358.	2.6	10
26	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 10. <i>Standards in Genomic Sciences</i> , 2010, 3, 225-231.	1.5	8
27	MetaLook: a 3D visualisation software for marine ecological genomics. <i>BMC Bioinformatics</i> , 2007, 8, 406.	2.6	7
28	MetaMine – A tool to detect and analyse gene patterns in their environmental context. <i>BMC Bioinformatics</i> , 2008, 9, 459.	2.6	7
29	CDinFusion – Submission-Ready, On-Line Integration of Sequence and Contextual Data. <i>PLoS ONE</i> , 2011, 6, e24797.	2.5	7
30	Poseidon: An information retrieval and extraction system for metagenomic marine science. <i>Ecological Informatics</i> , 2012, 12, 10-15.	5.2	7
31	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
32	MyOSD 2014: Evaluating Oceanographic Measurements Contributed by Citizen Scientists in Support of Ocean Sampling Day. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 163-171.	1.0	6
33	Quantifying the effect of environment stability on the transcription factor repertoire of marine microbes. <i>Microbial Informatics and Experimentation</i> , 2011, 1, 9.	7.6	5
34	RCN4GSC Workshop Report: Managing Data at the Interface of Biodiversity and (Meta)Genomics, March 2011. <i>Standards in Genomic Sciences</i> , 2012, 7, 159-165.	1.5	5
35	eGenomics: Cataloguing Our Complete Genome Collection III. <i>Comparative and Functional Genomics</i> , 2007, 2007, 1-7.	2.0	4
36	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

#	ARTICLE	IF	CITATIONS
37	Meeting Report: Metagenomics, Metadata and MetaAnalysis (M3) at ISMB 2010. Standards in Genomic Sciences, 2010, 3, 232-234.	1.5	4
38	Enriching public descriptions of marine phages using the Genomic Standards Consortium MIGS standard. Standards in Genomic Sciences, 2011, 4, 271-285.	1.5	4
39	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
40	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 9. Standards in Genomic Sciences, 2010, 3, 216-224.	1.5	3
41	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 8. Standards in Genomic Sciences, 2010, 3, 93-96.	1.5	1
42	RCN4GSC Workshop Report: Modeling a Testbed for Managing Data at the Interface of Biodiversity and (Meta)Genomics, April 2011. Standards in Genomic Sciences, 2012, 7, 153-158.	1.5	1
43	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
44	The first special issue of Standards in Genomic Sciences from the Genomic Standards Consortium. Standards in Genomic Sciences, 2010, 3, 214-215.	1.5	0
45	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
46	RCN4GSC Meeting Report: Initiating a Testbed for Managing Data at the Interface of Biodiversity and Genomics/Metagenomics, May 2011. Standards in Genomic Sciences, 2012, 6, 171-174.	1.5	0
47	Integrated Database Resource for Marine Ecological Genomics. , 2013, , 1-6.		0