

Michael Imelfort

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10567065/publications.pdf>

Version: 2024-02-01

15
papers

10,181
citations

567144

15
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

11563
citing authors

#	ARTICLE	IF	CITATIONS
1	CheckM: assessing the quality of microbial genomes recovered from isolates, single cells, and metagenomes. <i>Genome Research</i> , 2015, 25, 1043-1055.	2.4	7,539
2	GroopM: an automated tool for the recovery of population genomes from related metagenomes. <i>PeerJ</i> , 2014, 2, e603.	0.9	254
3	An Expanded Genomic Representation of the Phylum Cyanobacteria. <i>Genome Biology and Evolution</i> , 2014, 6, 1031-1045.	1.1	326
4	Anaerobic oxidation of methane coupled to nitrate reduction in a novel archaeal lineage. <i>Nature</i> , 2013, 500, 567-570.	13.7	1,029
5	Spatial uniformity of microbial diversity in a continuous bioelectrochemical system. <i>Bioresource Technology</i> , 2013, 129, 599-605.	4.8	35
6	Bioinformatics tools and databases for analysis of next-generation sequence data. <i>Briefings in Functional Genomics</i> , 2012, 11, 12-24.	1.3	73
7	Fast, accurate error-correction of amplicon pyrosequences using Acacia. <i>Nature Methods</i> , 2012, 9, 425-426.	9.0	322
8	Sequencing and assembly of low copy and genic regions of isolated <i>Triticum aestivum</i> chromosome arm 7DS. <i>Plant Biotechnology Journal</i> , 2011, 9, 768-775.	4.1	105
9	Targeted identification of genomic regions using TAGdb. <i>Plant Methods</i> , 2010, 6, 19.	1.9	34
10	Future tools for association mapping in crop plants This article is one of a selection of papers from the conference "Exploiting Genome-wide Association in Oilseed Brassicas: a model for genetic improvement of major OECD crops for sustainable farming". <i>Genome</i> , 2010, 53, 1017-1023.	0.9	46
11	De novo sequencing of plant genomes using second-generation technologies. <i>Briefings in Bioinformatics</i> , 2009, 10, 609-618.	3.2	93
12	AutoSNPdb: an annotated single nucleotide polymorphism database for crop plants. <i>Nucleic Acids Research</i> , 2009, 37, D951-D953.	6.5	83
13	Discovering genetic polymorphisms in next-generation sequencing data. <i>Plant Biotechnology Journal</i> , 2009, 7, 312-317.	4.1	118
14	Single nucleotide polymorphism discovery in barley using autoSNPdb. <i>Plant Biotechnology Journal</i> , 2009, 7, 326-333.	4.1	56
15	Genome Sequencing Approaches and Successes. <i>Methods in Molecular Biology</i> , 2009, 513, 345-358.	0.4	24