

Markus Krumpfenacker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3614858/publications.pdf>

Version: 2024-02-01

20
papers

5,161
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

9178
citing authors

#	ARTICLE	IF	CITATIONS
1	The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of Pathway/Genome Databases. <i>Nucleic Acids Research</i> , 2014, 42, D459-D471.	14.5	1,023
2	The MetaCyc database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2018, 46, D633-D639.	14.5	658
3	The BioCyc collection of microbial genomes and metabolic pathways. <i>Briefings in Bioinformatics</i> , 2019, 20, 1085-1093.	6.5	582
4	Pathway Tools version 13.0: integrated software for pathway/genome informatics and systems biology. <i>Briefings in Bioinformatics</i> , 2010, 11, 40-79.	6.5	551
5	EcoCyc: fusing model organism databases with systems biology. <i>Nucleic Acids Research</i> , 2013, 41, D605-D612.	14.5	505
6	Computational prediction of human metabolic pathways from the complete human genome. <i>Genome Biology</i> , 2004, 6, R2.	9.6	462
7	MetaCyc: a multiorganism database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2006, 34, D511-D516.	14.5	436
8	Pathway Tools version 19.0 update: software for pathway/genome informatics and systems biology. <i>Briefings in Bioinformatics</i> , 2016, 17, 877-890.	6.5	250
9	Integrated pathwayâ€“genome databases and their role in drug discovery. <i>Trends in Biotechnology</i> , 1999, 17, 275-281.	9.3	154
10	The EcoCyc Database in 2021. <i>Frontiers in Microbiology</i> , 2021, 12, 711077.	3.5	122
11	Pathway Tools version 23.0 update: software for pathway/genome informatics and systems biology. <i>Briefings in Bioinformatics</i> , 2021, 22, 109-126.	6.5	117
12	Construction and completion of flux balance models from pathway databases. <i>Bioinformatics</i> , 2012, 28, 388-396.	4.1	86
13	Querying and computing with BioCyc databases. <i>Bioinformatics</i> , 2005, 21, 3454-3455.	4.1	79
14	Optimal metabolic route search based on atom mappings. <i>Bioinformatics</i> , 2014, 30, 2043-2050.	4.1	47
15	EcoCyc: Encyclopedia of Escherichia coli Genes and Metabolism. <i>Nucleic Acids Research</i> , 1997, 25, 43-50.	14.5	46
16	Computational Metabolomics Operations at BioCyc.org. <i>Metabolites</i> , 2015, 5, 291-310.	2.9	26
17	Pathway Tools Visualization of Organism-Scale Metabolic Networks. <i>Metabolites</i> , 2021, 11, 64.	2.9	9
18	Metabolic route computation in organism communities. <i>Microbiome</i> , 2019, 7, 89.	11.1	4

#	ARTICLE	IF	CITATIONS
19	Pathway Tools Management of Pathway/Genome Data for Microbial Communities. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	4
20	Creating Fungal Pathway/Genome Databases Using Pathway Tools. <i>Applied Mycology and Biotechnology</i> , 2006, 6, 209-225.	0.3	0