

# Ron Caspi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

9,124  
citations

279798

23  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

12871  
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> , 2016, 44, D471-D480.	14.5	1,788
2	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
3	The MetaCyc database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2018, 46, D633-D639.	14.5	658
4	The MetaCyc database of metabolic pathways and enzymes - a 2019 update. <i>Nucleic Acids Research</i> , 2020, 48, D445-D453.	14.5	606
5	The MetaCyc Database of metabolic pathways and enzymes and the BioCyc collection of Pathway/Genome Databases. <i>Nucleic Acids Research</i> , 2007, 36, D623-D631.	14.5	600
6	The BioCyc collection of microbial genomes and metabolic pathways. <i>Briefings in Bioinformatics</i> , 2019, 20, 1085-1093.	6.5	582
7	The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of pathway/genome databases. <i>Nucleic Acids Research</i> , 2012, 40, D742-D753.	14.5	561
8	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
9	The EcoCyc database: reflecting new knowledge about <i>Escherichia coli</i> K-12. <i>Nucleic Acids Research</i> , 2017, 45, D543-D550.	14.5	541
10	MetaCyc: a multiorganism database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2006, 34, D511-D516.	14.5	436
11	The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of pathway/genome databases. <i>Nucleic Acids Research</i> , 2010, 38, D473-D479.	14.5	403
12	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
13	Pathway size matters: the influence of pathway granularity on over-representation (enrichment) Tj ETQq1 1 0.784314 rgBT /Overlock 158	2.8	158
14	A systematic comparison of the MetaCyc and KEGG pathway databases. <i>BMC Bioinformatics</i> , 2013, 14, 112.	2.6	123
15	The EcoCyc Database in 2021. <i>Frontiers in Microbiology</i> , 2021, 12, 711077.	3.5	122
16	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
17	Creation of a Genome-Wide Metabolic Pathway Database for <i>Populus trichocarpa</i> Using a New Approach for Reconstruction and Curation of Metabolic Pathways for Plants <i>Plant Physiology</i> , 2010, 153, 1479-1491.	4.8	115
18	The Pathway Tools Pathway Prediction Algorithm. <i>Standards in Genomic Sciences</i> , 2011, 5, 424-429.	1.5	109

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19	The challenge of constructing, classifying, and representing metabolic pathways. <i>FEMS Microbiology Letters</i> , 2013, 345, 85-93.	1.8	82
20	The EcoCyc Database. <i>EcoSal Plus</i> , 2018, 8, .	5.4	75
21	A survey of metabolic databases emphasizing the MetaCyc family. <i>Archives of Toxicology</i> , 2011, 85, 1015-1033.	4.2	72
22	Sequence Analysis of a 101-Kilobase Plasmid Required for Agar Degradation by a <i>Microscilla</i> Isolate. <i>Applied and Environmental Microbiology</i> , 2001, 67, 5771-5779.	3.1	52
23	Beyond the genome (BTG) is a (PGDB) pathway genome database: HumanCyc. <i>Genome Biology</i> , 2010, 11, O12.	9.6	28
24	Nucleotide sequence based characterizations of two cryptic plasmids from the marine bacterium <i>Ruegeria</i> isolate PR1b. <i>Plasmid</i> , 2003, 49, 233-252.	1.4	25
25	Using the MetaCyc Pathway Database and the BioCyc Database Collection. <i>Current Protocols in Bioinformatics</i> , 2007, 20, Unit1.17.	25.8	25
26	Detection of DNA Replication Intermediates after Two-Dimensional Agarose Gel Electrophoresis Using a Fluorescein-Labeled Probe. <i>Analytical Biochemistry</i> , 1999, 269, 221-222.	2.4	11
27	A 50-kb Plasmid Rich in Mobile Gene Sequences Isolated from a Marine <i>Micrococcus</i> . <i>Plasmid</i> , 2002, 47, 1-9.	1.4	8
28	Plant Metabolic Pathways in MetaCyc and SolCyc. <i>Nature Precedings</i> , 2009, , .	0.1	2
29	Prediction of Selected Biosynthetic Pathways for the Lipopolysaccharide Components in <i>Porphyromonas gingivalis</i> . <i>Pathogens</i> , 2021, 10, 374.	2.8	1