

Ron Caspi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

9,124
citations

279798

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h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

12871
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Pathway Tools version 23.0 update: software for pathway/genome informatics and systems biology. Briefings in Bioinformatics, 2021, 22, 109-126. | 6.5 | 117 |
| 2 | Pathway size matters: the influence of pathway granularity on over-representation (enrichment) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 70 | 2.8 | 158 |
| 3 | Prediction of Selected Biosynthetic Pathways for the Lipopolysaccharide Components in Porphyromonas gingivalis. Pathogens, 2021, 10, 374. | 2.8 | 1 |
| 4 | The EcoCyc Database in 2021. Frontiers in Microbiology, 2021, 12, 711077. | 3.5 | 122 |
| 5 | The MetaCyc database of metabolic pathways and enzymes - a 2019 update. Nucleic Acids Research, 2020, 48, D445-D453. | 14.5 | 606 |
| 6 | The BioCyc collection of microbial genomes and metabolic pathways. Briefings in Bioinformatics, 2019, 20, 1085-1093. | 6.5 | 582 |
| 7 | The EcoCyc Database. EcoSal Plus, 2018, 8, . | 5.4 | 75 |
| 8 | The MetaCyc database of metabolic pathways and enzymes. Nucleic Acids Research, 2018, 46, D633-D639. | 14.5 | 658 |
| 9 | The EcoCyc database: reflecting new knowledge about <i>Escherichia coli</i> K-12. Nucleic Acids Research, 2017, 45, D543-D550. | 14.5 | 541 |
| 10 | The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of pathway/genome databases. Nucleic Acids Research, 2016, 44, D471-D480. | 14.5 | 1,788 |
| 11 | Pathway Tools version 19.0 update: software for pathway/genome informatics and systems biology. Briefings in Bioinformatics, 2016, 17, 877-890. | 6.5 | 250 |
| 12 | The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of Pathway/Genome Databases. Nucleic Acids Research, 2014, 42, D459-D471. | 14.5 | 1,023 |
| 13 | A systematic comparison of the MetaCyc and KEGG pathway databases. BMC Bioinformatics, 2013, 14, 112. | 2.6 | 123 |
| 14 | The challenge of constructing, classifying, and representing metabolic pathways. FEMS Microbiology Letters, 2013, 345, 85-93. | 1.8 | 82 |
| 15 | The MetaCyc database of metabolic pathways and enzymes and the BioCyc collection of pathway/genome databases. Nucleic Acids Research, 2012, 40, D742-D753. | 14.5 | 561 |
| 16 | The Pathway Tools Pathway Prediction Algorithm. Standards in Genomic Sciences, 2011, 5, 424-429. | 1.5 | 109 |
| 17 | A survey of metabolic databases emphasizing the MetaCyc family. Archives of Toxicology, 2011, 85, 1015-1033. | 4.2 | 72 |
| 18 | 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. Plant Physiology, 2010, 153, 1479-1491. | 4.8 | 115 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Beyond the genome (BTG) is a (PGDB) pathway genome database: HumanCyc. <i>Genome Biology</i> , 2010, 11, O12. | 9.6 | 28 |
| 22 | Plant Metabolic Pathways in MetaCyc and SolCyc. <i>Nature Precedings</i> , 2009, , . | 0.1 | 2 |
| 23 | 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 |
| 24 | Using the MetaCyc Pathway Database and the BioCyc Database Collection. <i>Current Protocols in Bioinformatics</i> , 2007, 20, Unit1.17. | 25.8 | 25 |
| 25 | MetaCyc: a multiorganism database of metabolic pathways and enzymes. <i>Nucleic Acids Research</i> , 2006, 34, D511-D516. | 14.5 | 436 |
| 26 | 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 |
| 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 | 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 |
| 29 | 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 |