Ingrid M Keseler

List of Publications by Year
in descending order

21 papers	5,549 citations	430874 18 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	8498 citing authors

#	Article	IF	Citations
1	The MetaCyc database of metabolic pathways and enzymes. Nucleic Acids Research, 2018, 46, D633-D639.	14.5	658
2	Escherichia coli K-12: a cooperatively developed annotation snapshot--2005. Nucleic Acids Research, 2006, 34, 1-9.	14.5	606
3	The MetaCyc database of metabolic pathways and enzymes - a 2019 update. Nucleic Acids Research, 2020, 48, D445-D453.	14.5	606
4	The BioCyc collection of microbial genomes and metabolic pathways. Briefings in Bioinformatics, 2019, 20, 1085-1093.	6.5	582
5	Pathway Tools version 13.0: integrated software for pathway/genome informatics and systems biology. Briefings in Bioinformatics, 2010, 11, 40-79.	6.5	551
6	The EcoCyc database: reflecting new knowledge aboutEscherichia coliK-12. Nucleic Acids Research, 2017, 45, D543-D550.	14.5	541
7	EcoCyc: fusing model organism databases with systems biology. Nucleic Acids Research, 2013, 41, D605-D612.	14.5	505
8	EcoCyc: a comprehensive database of Escherichia coli biology. Nucleic Acids Research, 2011, 39, D583-D590.	14.5	444
9	EcoCyc: A comprehensive view of Escherichia coli biology. Nucleic Acids Research, 2009, 37, D464-D470.	14.5	320
10	Multidimensional annotation of the Escherichia coli K-12 genome. Nucleic Acids Research, 2007, 35, 7577-7590.	14.5	168
11	The EcoCyc Database in 2021. Frontiers in Microbiology, 2021, 12, 711077.	3.5	122
12	Simultaneous cross-evaluation of heterogeneous E. coli datasets via mechanistic simulation. Science, 2020, 369, .	12.6	105
13	The EcoCyc Database. EcoSal Plus, 2014, 6, .	5.4	101
14	The EcoCyc Database. EcoSal Plus, 2018, 8, .	5.4	75
15	A genome-scale metabolic flux model of Escherichia coli Kâ€“12 derived from the EcoCyc database. BMC Systems Biology, 2014, 8, 79.	3.0	42
16	Overview of the interactive task in BioCreative V. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw119.	3.0	36
17	Curation accuracy of model organism databases. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau058-bau058.	3.0	27
18	Dead End Metabolites - Defining the Known Unknowns of the E. coli Metabolic Network. PLoS ONE, 2013, 8, e75210.	2.5	23

#	Article	IF	Citations
19	What we can learn about Escherichia coli through application of Gene Ontology. Trends in Microbiology, 2009, 17, 269-278.	7.7	16
20	Computing minimal nutrient sets from metabolic networks via linear constraint solving. BMC Bioinformatics, 2013, 14, 114.	2.6	12
21	Addition of Escherichia coli K-12 Growth Observation and Gene Essentiality Data to the EcoCyc Database. Journal of Bacteriology, 2014, 196, 982-988.	2.2	9