

Ali Navid

List of Publications by Year in descending order

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17
papers

374
citations

840776

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940533

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19
docs citations

19
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-level transcription data of <i>Yersinia pestis</i> analyzed with a New metabolic constraint-based approach. <i>BMC Systems Biology</i> , 2012, 6, 150.	3.0	68
2	Do genome-scale models need exact solvers or clearer standards?. <i>Molecular Systems Biology</i> , 2015, 11, 831.	7.2	68
3	Genome-scale reconstruction of the metabolic network in <i>Yersinia pestis</i> , strain 91001. <i>Molecular BioSystems</i> , 2009, 5, 368.	2.9	42
4	Combining multiple functional annotation tools increases coverage of metabolic annotation. <i>BMC Genomics</i> , 2018, 19, 948.	2.8	35
5	Syntrophic metabolism of a co-culture containing <i>Clostridium cellulolyticum</i> and <i>Rhodospseudomonas palustris</i> for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11719-11726.	7.1	30
6	Lactate production as a function of glucose metabolism in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2013, 30, 81-91.	1.7	21
7	Rapid Countermeasure Discovery against <i>Francisella tularensis</i> Based on a Metabolic Network Reconstruction. <i>PLoS ONE</i> , 2013, 8, e63369.	2.5	19
8	System-level analysis of metabolic trade-offs during anaerobic photoheterotrophic growth in <i>Rhodospseudomonas palustris</i> . <i>BMC Bioinformatics</i> , 2019, 20, 233.	2.6	18
9	Collagen Turnover in Relation to Risk Factors and Hemodynamics in Human Intracranial Aneurysms. <i>Stroke</i> , 2020, 51, 1624-1628.	2.0	18
10	Yeast Dynamic Metabolic Flux Measurement in Nutrient-Rich Media by Hplc and Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 9812-9817.	6.5	15
11	Applications of system-level models of metabolism for analysis of bacterial physiology and identification of new drug targets. <i>Briefings in Functional Genomics</i> , 2011, 10, 354-364.	2.7	13
12	Simulated complex dynamics of glycolysis in the protozoan parasite <i>Trypanosoma brucei</i> . <i>Journal of Theoretical Biology</i> , 2004, 228, 449-458.	1.7	10
13	Application of a Physiologically Based Pharmacokinetic Model to Study Theophylline Metabolism and Its Interactions With Ciprofloxacin and Caffeine. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2016, 5, 74-81.	2.5	7
14	Systems Biology of Microbial Communities. <i>Methods in Molecular Biology</i> , 2009, 500, 469-494.	0.9	4
15	A Beginner's Guide to the COBRA Toolbox. <i>Methods in Molecular Biology</i> , 2022, 2349, 339-365.	0.9	2
16	Curating COBRA Models of Microbial Metabolism. <i>Methods in Molecular Biology</i> , 2022, 2349, 321-338.	0.9	1
17	Development of Constraint-Based System-Level Models of Microbial Metabolism. <i>Methods in Molecular Biology</i> , 2012, 881, 531-549.	0.9	0