Jan Schellenberger

List of Publications by Year
in descending order

11 papers	3,290 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	3501 citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal metabolic pathway structure is consistent with associated biomolecular interactions. Molecular Systems Biology, 2014, 10, 737.	7.2	41
2	Predicting outcomes of steady-state 13C isotope tracing experiments using Monte Carlo sampling. BMC Systems Biology, 2012, 6, 9.	3.0	30
3	Elimination of Thermodynamically Infeasible Loops in Steady-State Metabolic Models. Biophysical Journal, 2011, 100, 544-553.	0.5	203
4	Quantitative prediction of cellular metabolism with constraint-based models: the COBRA Toolbox v2.0. Nature Protocols, 2011, 6, 1290-1307.	12.0	1,408
5	Insight into human alveolar macrophage and <i>M. tuberculosis</i> interactions via metabolic reconstructions. Molecular Systems Biology, 2010, 6, 422.	7.2	246
6	BiGG: a Biochemical Genetic and Genomic knowledgebase of large scale metabolic reconstructions. BMC Bioinformatics, 2010, 11, 213.	2.6	486
7	Model-driven evaluation of the production potential for growth-coupled products of Escherichia coli. Metabolic Engineering, 2010, 12, 173-186.	7.0	221
8	Large-scale in silico modeling of metabolic interactions between cell types in the human brain. Nature Biotechnology, 2010, 28, 1279-1285.	17.5	246
9	Functional Characterization of Alternate Optimal Solutions of Escherichia coli's Transcriptional and Translational Machinery. Biophysical Journal, 2010, 98, 2072-2081.	0.5	58
10	Use of Randomized Sampling for Analysis of Metabolic Networks. Journal of Biological Chemistry, 2009, 284, 5457-5461.	3.4	221
11	Uniform Sampling of Steady-State Flux Spaces: Means to Design Experiments and to Interpret Enzymopathies. Biophysical Journal, 2004, 87, 2172-2186.	0.5	130