

Harish Nagarajan

List of Publications by Year in descending order

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15
papers

2,707
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

3297
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining the metabolic genotypeâ€“phenotype relationship using a phylogeny of in silico methods. <i>Nature Reviews Microbiology</i> , 2012, 10, 291-305.	28.6	721
2	The genomic sequence of the Chinese hamster ovary (CHO)-K1 cell line. <i>Nature Biotechnology</i> , 2011, 29, 735-741.	17.5	699
3	Genomic landscapes of Chinese hamster ovary cell lines as revealed by the <i>Cricetulus griseus</i> draft genome. <i>Nature Biotechnology</i> , 2013, 31, 759-765.	17.5	340
4	A Consensus Genome-scale Reconstruction of Chinese Hamster Ovary Cell Metabolism. <i>Cell Systems</i> , 2016, 3, 434-443.e8.	6.2	205
5	Proteomic Analysis of Chinese Hamster Ovary Cells. <i>Journal of Proteome Research</i> , 2012, 11, 5265-5276.	3.7	168
6	Characterizing acetogenic metabolism using a genome-scale metabolic reconstruction of <i>Clostridium ljungdahlii</i> . <i>Microbial Cell Factories</i> , 2013, 12, 118.	4.0	145
7	Single-cell genome and metatranscriptome sequencing reveal metabolic interactions of an alkane-degrading methanogenic community. <i>ISME Journal</i> , 2014, 8, 757-767.	9.8	133
8	Characterization and modelling of interspecies electron transfer mechanisms and microbial community dynamics of a syntrophic association. <i>Nature Communications</i> , 2013, 4, 2809.	12.8	103
9	Determining the Control Circuitry of Redox Metabolism at the Genome-Scale. <i>PLoS Genetics</i> , 2014, 10, e1004264.	3.5	67
10	Minimal metabolic pathway structure is consistent with associated biomolecular interactions. <i>Molecular Systems Biology</i> , 2014, 10, 737.	7.2	41
11	Constraint-Based Modeling of Carbon Fixation and the Energetics of Electron Transfer in <i>Geobacter metallireducens</i> . <i>PLoS Computational Biology</i> , 2014, 10, e1003575.	3.2	38
12	De Novo Assembly of the Complete Genome of an Enhanced Electricity-Producing Variant of <i>Geobacter sulfurreducens</i> Using Only Short Reads. <i>PLoS ONE</i> , 2010, 5, e10922.	2.5	29
13	Characterizing the interplay between multiple levels of organization within bacterial sigma factor regulatory networks. <i>Nature Communications</i> , 2013, 4, 1755.	12.8	15
14	Efficient Synergistic Single-Cell Genome Assembly. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 42.	4.1	3
15	Exploiting Adaptive Laboratory Evolution of <i>Streptomyces clavuligerus</i> for Antibiotic Discovery and Overproduction. <i>FASEB Journal</i> , 2012, 26, lb123.	0.5	0