

Jahir M Gutierrez

List of Publications by Year in descending order

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11
papers

838
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Recon 2.2: from reconstruction to model of human metabolism. <i>Metabolomics</i> , 2016, 12, 109.	3.0	243
2	A Consensus Genome-scale Reconstruction of Chinese Hamster Ovary Cell Metabolism. <i>Cell Systems</i> , 2016, 3, 434-443.e8.	6.2	205
3	Genome-scale reconstructions of the mammalian secretory pathway predict metabolic costs and limitations of protein secretion. <i>Nature Communications</i> , 2020, 11, 68.	12.8	74
4	The emerging role of systems biology for engineering protein production in CHO cells. <i>Current Opinion in Biotechnology</i> , 2018, 51, 64-69.	6.6	67
5	Multiplex secretome engineering enhances recombinant protein production and purity. <i>Nature Communications</i> , 2020, 11, 1908.	12.8	63
6	Optimizing eukaryotic cell hosts for protein production through systems biotechnology and genome-scale modeling. <i>Biotechnology Journal</i> , 2015, 10, 939-949.	3.5	46
7	Quantitative feature extraction from the Chinese hamster ovary bioprocess bibliome using a novel meta-analysis workflow. <i>Biotechnology Advances</i> , 2016, 34, 621-633.	11.7	40
8	Cardiovascular Events Associated with Chimeric Antigen Receptor T Cell Therapy: Cross-Sectional FDA Adverse Events Reporting System Analysis. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 2211-2216.	2.0	40
9	Model-based assessment of mammalian cell metabolic functionalities using omics data. <i>Cell Reports Methods</i> , 2021, 1, 100040.	2.9	25
10	Cardiovascular adverse events associated with BRAF versus BRAF/MEK inhibitor: Cross-sectional and longitudinal analysis using two large national registries. <i>Cancer Medicine</i> , 2021, 10, 3862-3872.	2.8	17
11	Combating viral contaminants in CHO cells by engineering innate immunity. <i>Scientific Reports</i> , 2019, 9, 8827.	3.3	13