

Johnny Arnsdorf

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

448
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	A Consensus Genome-scale Reconstruction of Chinese Hamster Ovary Cell Metabolism. <i>Cell Systems</i> , 2016, 3, 434-443.e8.	6.2	205
2	A Markov chain model for N-linked protein glycosylation “ towards a low-parameter tool for model-driven glycoengineering. <i>Metabolic Engineering</i> , 2016, 33, 52-66.	7.0	86
3	Multiplex secretome engineering enhances recombinant protein production and purity. <i>Nature Communications</i> , 2020, 11, 1908.	12.8	63
4	Glyco-engineered CHO cell lines producing alpha-1-antitrypsin and C1 esterase inhibitor with fully humanized N-glycosylation profiles. <i>Metabolic Engineering</i> , 2019, 52, 143-152.	7.0	42
5	Reprogramming AA catabolism in CHO cells with CRISPR/Cas9 genome editing improves cell growth and reduces byproduct secretion. <i>Metabolic Engineering</i> , 2019, 56, 120-129.	7.0	22
6	A Markov model of glycosylation elucidates isozyme specificity and glycosyltransferase interactions for glycoengineering. <i>Current Research in Biotechnology</i> , 2020, 2, 22-36.	3.7	17
7	CHOmics: A web-based tool for multi-omics data analysis and interactive visualization in CHO cell lines. <i>PLoS Computational Biology</i> , 2020, 16, e1008498.	3.2	4
8	Highly Selective Lysine Acylation in Proteins Using a LysHis Tag Sequence. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3