

Qiong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24

papers

684

citations

623734

14

h-index

610901

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24

all docs

24

docs citations

24

times ranked

894

citing authors

#	ARTICLE	IF	CITATIONS
1	The interplay of protein engineering and glycoengineering to fine-tune antibody glycosylation and its impact on effector functions. <i>Biotechnology and Bioengineering</i> , 2022, 119, 102-117.	3.3	8
2	Interferon-alpha or -beta facilitates SARS-CoV-2 pulmonary vascular infection by inducing ACE2. <i>Angiogenesis</i> , 2022, 25, 225-240.	7.2	27
3	Acute Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Pregnancy Is Associated with Placental Angiotensin-Converting Enzyme 2 Shedding. <i>American Journal of Pathology</i> , 2022, 192, 595-603.	3.8	10
4	Glycoproteomic Characterization of FUT8 Knock-Out CHO Cells Reveals Roles of FUT8 in the Glycosylation. <i>Frontiers in Chemistry</i> , 2021, 9, 755238.	3.6	7
5	The impact of sialylation linkage-type on the pharmacokinetics of recombinant butyrylcholinesterases. <i>Biotechnology and Bioengineering</i> , 2020, 117, 157-166.	3.3	5
6	Metabolic engineering challenges of extending N-glycan pathways in Chinese hamster ovary cells. <i>Metabolic Engineering</i> , 2020, 61, 301-314.	7.0	10
7	One-Step Enrichment of Intact Glycopeptides From Glycoengineered Chinese Hamster Ovary Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 240.	3.6	13
8	Design and Production of Bispecific Antibodies. <i>Antibodies</i> , 2019, 8, 43.	2.5	146
9	Characterization of intact glycopeptides reveals the impact of culture media on site-specific glycosylation of EPO-Fc fusion protein generated by CHO-GS cells. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2303-2315.	3.3	9
10	Combining Butyrate ManNAc with Glycoengineered CHO Cells Improves EPO Glycan Quality and Production. <i>Biotechnology Journal</i> , 2019, 14, 1800186.	3.5	23
11	Antibody glycoengineering strategies in mammalian cells. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1378-1393.	3.3	76
12	Butyrate ManNAc analog improves protein expression in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1531-1541.	3.3	24
13	Glycoengineering of Mammalian Expression Systems on a Cellular Level. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2018, 175, 37-69.	1.1	16
14	Proline-Rich Chaperones Are Compared Computationally and Experimentally for Their Abilities to Facilitate Recombinant Butyrylcholinesterase Tetramerization in CHO Cells. <i>Biotechnology Journal</i> , 2018, 13, e1700479.	3.5	7
15	Comprehensive Glycoproteomic Analysis of Chinese Hamster Ovary Cells. <i>Analytical Chemistry</i> , 2018, 90, 14294-14302.	6.5	42
16	Metabolic engineering of CHO cells to prepare glycoproteins. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 433-442.	2.6	4
17	Application of the CRISPR/Cas9 Gene Editing Method for Modulating Antibody Fucosylation in CHO Cells. <i>Methods in Molecular Biology</i> , 2018, 1850, 237-257.	0.9	7
18	Glycoengineering of CHO Cells to Improve Product Quality. <i>Methods in Molecular Biology</i> , 2017, 1603, 25-44.	0.9	22

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19	A novel sugar analog enhances sialic acid production and biotherapeutic sialylation in CHO cells. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1899-1902.	3.3	32
20	Integrated Genome and Protein Editing Swaps α 2,6 Sialylation for α 2,3 Sialic Acid on Recombinant Antibodies from CHO. <i>Biotechnology Journal</i> , 2017, 12, 1600502.	3.5	38
21	SnapShot: N-Glycosylation Processing Pathways across Kingdoms. <i>Cell</i> , 2017, 171, 258-258.e1.	28.9	71
22	Combinatorial genome and protein engineering yields monoclonal antibodies with hypergalactosylation from CHO cells. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2848-2856.	3.3	32
23	Assessment of the coordinated role of ST3GAL3, ST3GAL4 and ST3GAL6 on the α 2,3 sialylation linkage of mammalian glycoproteins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 211-215.	2.1	34
24	Strategies for Engineering Protein N-Glycosylation Pathways in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2015, 1321, 287-305.	0.9	21