

Yen-Hsi Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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840776

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1298
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#	ARTICLE	IF	CITATIONS
1	Synthetic Heparan Sulfate Mimetic Pixatimod (PG545) Potently Inhibits SARS-CoV-2 by Disrupting the Spike-ACE2 Interaction. <i>ACS Central Science</i> , 2022, 8, 527-545.	11.3	62
2	Unfractionated heparin inhibits live wild type SARS-CoV-2 cell infectivity at therapeutically relevant concentrations. <i>British Journal of Pharmacology</i> , 2021, 178, 626-635.	5.4	73
3	Genetic glycoengineering in mammalian cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100448.	3.4	53
4	The Hyperlipidaemic Drug Fenofibrate Significantly Reduces Infection by SARS-CoV-2 in Cell Culture Models. <i>Frontiers in Pharmacology</i> , 2021, 12, 660490.	3.5	31
5	The C-terminal peptide of CCL21 drastically augments CCL21 activity through the dendritic cell lymph node homing receptor CCR7 by interaction with the receptor N-terminus. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6963-6978.	5.4	11
6	Evidence of a putative glycosaminoglycan binding site on the glycosylated SARS-CoV-2 spike protein N-terminal domain. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2806-2818.	4.1	33
7	Dissecting structure-function of 3-O-sulfated heparin and engineered heparan sulfates. <i>Science Advances</i> , 2021, 7, eabl6026.	10.3	23
8	An Atlas of Human Glycosylation Pathways Enables Display of the Human Glycome by Gene Engineered Cells. <i>Molecular Cell</i> , 2019, 75, 394-407.e5.	9.7	181
9	The glycosylation design space for recombinant lysosomal replacement enzymes produced in CHO cells. <i>Nature Communications</i> , 2019, 10, 1785.	12.8	49
10	A validated gRNA library for CRISPR/Cas9 targeting of the human glycosyltransferase genome. <i>Glycobiology</i> , 2018, 28, 295-305.	2.5	70
11	Glycoengineering design options for IgG1 in CHO cells using precise gene editing. <i>Glycobiology</i> , 2018, 28, 542-549.	2.5	30
12	The GAGome: a cell-based library of displayed glycosaminoglycans. <i>Nature Methods</i> , 2018, 15, 881-888.	19.0	113
13	A novel chemosensitivity profiling platform for small acute lymphoblastic leukemia cell populations. <i>Leukemia and Lymphoma</i> , 2015, 56, 2208-2211.	1.3	0
14	A Novel Chemosensitivity Profiling Platform for Small Acute Lymphoblastic Leukemia Cell Populations. <i>Blood</i> , 2014, 124, 3790-3790.	1.4	0