Yen-Hsi Chen

List of Publications by Year
in descending order

14 papers	742 citations	840776 11 h-index	1199594 12 g-index
16 all docs	16 docs citations	16 times ranked	1298 citing authors

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