Stephanie A Archer-Hartmann

List of Publications by Year
in descending order

24	1,048	516710 16	580821 25
papers	citations	h-index	g-index

29	29	29	1774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Slc35a1 deficiency causes thrombocytopenia due to impaired megakaryocytopoiesis and excessive platelet clearance in the liver. Haematologica, 2021, 106, 759-769.	3.5	13
2	Comprehensive characterization of N- and O- glycosylation of SARS-CoV-2 human receptor angiotensin converting enzyme 2. Glycobiology, 2021, 31, 410-424.	2.5	125
3	Engineered glycomaterial implants orchestrate large-scale functional repair of brain tissue chronically after severe traumatic brain injury. Science Advances, 2021, 7, .	10.3	14
4	Offspring of Obese Dams Exhibit Sex-Differences in Pancreatic Heparan Sulfate Glycosaminoglycans and Islet Insulin Secretion. Frontiers in Endocrinology, 2021, 12, 658439.	3.5	7
5	NIST Interlaboratory Study on Glycosylation Analysis of Monoclonal Antibodies: Comparison of Results from Diverse Analytical Methods. Molecular and Cellular Proteomics, 2020, 19, 11-30.	3.8	87
6	Molecular Mechanism of Polysaccharide Acetylation by the Arabidopsis Xylan O-acetyltransferase XOAT1. Plant Cell, 2020, 32, 2367-2382.	6.6	32
7	Biocompatibility and structural characterization of glycosaminoglycans isolated from heads of silver-banded whiting (Sillago argentifasciata Martin & Montalban 1935). International Journal of Biological Macromolecules, 2020, 151, 663-676.	7.5	9
8	Alpha-Gal and Cross-Reactive Carbohydrate Determinants in the N-Glycans of Salivary Glands in the Lone Star Tick, Amblyomma americanum. Vaccines, 2020, 8, 18.	4.4	27
9	New strategies for profiling and characterization of human milk oligosaccharides. Glycobiology, 2020, 30, 774-786.	2.5	32
10	Discovery of Alpha-Gal-Containing Antigens in North American Tick Species Believed to Induce Red Meat Allergy. Frontiers in Immunology, 2019, 10, 1056.	4.8	126
11	N-terminal syndecan-2 domain selectively enhances 6-O heparan sulfate chains sulfation and promotes VEGFA165-dependent neovascularization. Nature Communications, 2019, 10, 1562.	12.8	59
12	TGF-ÃŸ Regulates Cathepsin Activation during Normal and Pathogenic Development. Cell Reports, 2018, 22, 2964-2977.	6.4	17
13	A mutant-cell library for systematic analysis of heparan sulfate structureâ€“function relationships. Nature Methods, 2018, 15, 889-899.	19.0	71
14	Selective Deletion of Heparan Sulfotransferase Enzyme, Ndst1, in Donor Endothelial and Myeloid Precursor Cells Significantly Decreases Acute Allograft Rejection. Scientific Reports, 2018, 8, 13433.	3.3	17
15	Heparan Sulfate Organizes Neuronal Synapses through Neurexin Partnerships. Cell, 2018, 174, 1450-1464.e23.	28.9	118
16	Chinese hamster ovary (<scp>CHO</scp>) host cell engineering to increase sialylation of recombinant therapeutic proteins by modulating sialyltransferase expression. Biotechnology Progress, 2015, 31, 334-346.	2.6	60
17	Vaccination against Influenza with Recombinant Hemagglutinin Expressed by Schizochytrium sp. Confers Protective Immunity. PLoS ONE, 2013, 8, e61790.	2.5	42
18	Cytoprotective Effect of Recombinant Human Erythropoietin Produced in Transgenic Tobacco Plants. PLoS ONE, 2013, 8, e76468.	2.5	21

#	Article	IF	Citations
19	Assessment of aptamerâ€steroid binding using stackingâ€enhanced capillary electrophoresis. Electrophoresis, 2012, 33, 866-869.	2.4	12
20	Microscale Exoglycosidase Processing and Lectin Capture of Glycans with Phospholipid Assisted Capillary Electrophoresis Separations. Analytical Chemistry, 2011, 83, 2740-2747.	6.5	39
21	Online enzymatic sequencing of glycans from Trastuzumab by phospholipidâ€assisted capillary electrophoresis. Electrophoresis, 2011, 32, 3491-3498.	2.4	24
22	Steroid determination in fish plasma using capillary electrophoresis. Environmental Toxicology and Chemistry, 2010, 29, 1950-1956.	4.3	8
23	Transformable Capillary Electrophoresis for Oligosaccharide Separations Using Phospholipid Additives. Analytical Chemistry, 2010, 82, 1228-1233.	6.5	36
24	Electrophoretic screening of ligands under suppressed EOF with an inert phospholipid coating. Electrophoresis, 2007, 28, 3049-3055.	2.4	24