Jamey D Marth

List of Publications by Year
in descending order

25 papers	4,444 citations	430874 18 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	6516 citing authors

#	Article	IF	Citations
1	Glycosylation in Cellular Mechanisms of Health and Disease. Cell, 2006, 126, 855-867.	28.9	2,348
2	Dietary and Genetic Control of Glucose Transporter 2 Glycosylation Promotes Insulin Secretion in Suppressing Diabetes. Cell, 2005, 123, 1307-1321.	28.9	393
3	Genetic Ablation of Polysialic Acid Causes Severe Neurodevelopmental Defects Rescued by Deletion of the Neural Cell Adhesion Molecule. Journal of Biological Chemistry, 2005, 280, 42971-42977.	3.4	262
4	Pathway to diabetes through attenuation of pancreatic beta cell glycosylation and glucose transport. Nature Medicine, 2011, 17, 1067-1075.	30.7	200
5	Sialyltransferase ST3Gal-IV operates as a dominant modifier of hemostasis by concealing asialoglycoprotein receptor ligands. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10042-10047.	7.1	170
6	Correcting a Fundamental Flaw in the Paradigm for Antimicrobial Susceptibility Testing. EBioMedicine, 2017, 20, 173-181.	6.1	152
7	Sialyltransferase specificity in selectin ligand formation. Blood, 2002, 100, 3618-3625.	1.4	123
8	Sialylation on O-glycans protects platelets from clearance by liver Kupffer cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8360-8365.	7.1	94
9	Macrophage galactose lectin is critical for Kupffer cells to clear aged platelets. Journal of Experimental Medicine, 2020, 217, .	8.5	88
10	An intrinsic mechanism of secreted protein aging and turnover. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13657-13662.	7.1	83
11	Coordinated roles of ST3Gal-VI and ST3Gal-IV sialyltransferases in the synthesis of selectin ligands. Blood, 2012, 120, 1015-1026.	1.4	76
12	Brca1 required for T cell lineage development but not TCR loci rearrangement. Nature Immunology, 2000, 1, 77-82.	14.5	74
13	ST6Gal-I Restrains CD22-Dependent Antigen Receptor Endocytosis and Shp-1 Recruitment in Normal and Pathogenic Immune Signaling. Molecular and Cellular Biology, 2006, 26, 4970-4981.	2.3	72
14	Recurrent infection progressively disables host protection against intestinal inflammation. Science, 2017, 358, .	12.6	72
15	Host-dependent Induction of Transient Antibiotic Resistance: A Prelude to Treatment Failure. EBioMedicine, 2015, 2, 1169-1178.	6.1	57
16	Kupffer cell receptor CLEC4F is important for the destruction of desialylated platelets in mice. Cell Death and Differentiation, 2021, 28, 3009-3021.	11.2	44
17	Accelerated Aging and Clearance of Host Anti-inflammatory Enzymes by Discrete Pathogens Fuels Sepsis. Cell Host and Microbe, 2018, 24, 500-513.e5.	11.0	38
18	Smartphone-based pathogen diagnosis in urinary sepsis patients. EBioMedicine, 2018, 36, 73-82.	6.1	33

#	Article	IF	Citations
19	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. Scientific Reports, 2017, 7, 7348.	3.3	17
20	Plasma Proteome Signature of Sepsis: a Functionally Connected Protein Network. Proteomics, 2019, 19, e1800389.	2.2	17
21	Neu3 neuraminidase induction triggers intestinal inflammation and colitis in a model of recurrent human food-poisoning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
22	Coagulation factor protein abundance in the pre-septic state predicts coagulopathic activities that arise during late-stage murine sepsis. EBioMedicine, 2022, 78, 103965.	6.1	7
23	MKK7 deficiency in mature neurons impairs parental behavior in mice. Genes To Cells, 2021, 26, 5-17.	1.2	3
24	Protein glycosylation energizes T cells. Nature Immunology, 2016, 17, 613-614.	14.5	2
25	Establishment of blood glycosidase activities and their excursions in sepsis. , 2022, 1, .		2