Ani Grigorian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11074270/publications.pdf

Version: 2024-02-01

13 papers	1,578 citations	759233 12 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	2091 citing authors

#	Article	IF	Citations
1	Complex N-Glycan Number and Degree of Branching Cooperate to Regulate Cell Proliferation and Differentiation. Cell, 2007, 129, 123-134.	28.9	777
2	Genetics and the environment converge to dysregulate N-glycosylation in multiple sclerosis. Nature Communications, 2011, 2, 334.	12.8	142
3	Control of T Cell-mediated Autoimmunity by Metabolite Flux to N-Glycan Biosynthesis. Journal of Biological Chemistry, 2007, 282, 20027-20035.	3.4	122
4	Tâ€cell growth, cell surface organization, and the galectinâ€“glycoprotein lattice. Immunological Reviews, 2009, 230, 232-246.	6.0	114
5	N-Acetylglucosamine Inhibits T-helper 1 (Th1)/T-helper 17 (Th17) Cell Responses and Treats Experimental Autoimmune Encephalomyelitis. Journal of Biological Chemistry, 2011, 286, 40133-40141.	3.4	97
6	N-Glycan Processing Deficiency Promotes Spontaneous Inflammatory Demyelination and Neurodegeneration. Journal of Biological Chemistry, 2007, 282, 33725-33734.	3.4	91
7	T Cell Receptor Signaling Co-regulates Multiple Golgi Genes to Enhance N-Glycan Branching. Journal of Biological Chemistry, 2009, 284, 32454-32461.	3.4	50
8	N-glycosylation bidirectionally extends the boundaries of thymocyte positive selection by decoupling Lck from Ca2+ signaling. Nature Immunology, 2014, 15, 1038-1045.	14.5	48
9	Pathogenesis of multiple sclerosis via environmental and genetic dysregulation of N-glycosylation. Seminars in Immunopathology, 2012, 34, 415-424.	6.1	46
10	Interleukinâ€2, Interleukinâ€7, T cellâ€mediated autoimmunity, and Nâ€glycosylation. Annals of the New York Academy of Sciences, 2012, 1253, 49-57.	3.8	33
11	Manipulating Cell Surface Glycoproteins by Targeting N-Glycanâ€“Galectin Interactions. Methods in Enzymology, 2010, 480, 245-266.	1.0	24
12	Mgat5 Deficiency in T Cells and Experimental Autoimmune Encephalomyelitis. ISRN Neurology, 2011, 2011, 1-6.	1.5	21
13	Increasing cell permeability of N-acetylglucosamine via 6-acetylation enhances capacity to suppress T-helper 1 (TH1)/TH17 responses and autoimmunity. PLoS ONE, 2019, 14, e0214253.	2.5	13