

Fernando J Irazoqui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The lectin domains of polypeptide GalNAc-transferases exhibit carbohydrate-binding specificity for GalNAc: lectin binding to GalNAc-glycopeptide substrates is required for high density GalNAc-O-glycosylation. <i>Glycobiology</i> , 2007, 17, 374-387.	2.5	91
2	The Antineoplastic Lectin of the Common Edible Mushroom (<i>Agaricus bisporus</i>) Has Two Binding Sites, Each Specific for a Different Configuration at a Single Epimeric Hydroxyl. <i>Journal of Biological Chemistry</i> , 2005, 280, 10614-10623.	3.4	83
3	In vivo immunomodulatory effect of the lectin from edible mushroom <i>Agaricus bisporus</i> . <i>Food and Function</i> , 2016, 7, 262-269.	4.6	32
4	Biosynthesis of O-N-acetylgalactosamine glycans in the human cell nucleus. <i>Journal of Biological Chemistry</i> , 2019, 294, 2997-3011.	3.4	24
5	<i>Agaricus bisporus</i> lectin binds mainly O-glycans but also N-glycans of human IgA subclasses. <i>Glycoconjugate Journal</i> , 1997, 14, 313-319.	2.7	16
6	Fine carbohydrate recognition of <i>Euphorbia millii</i> lectin. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 14-21.	2.1	14
7	The origin of anti-GM1 antibodies in neuropathies: the "binding site drift" hypothesis. <i>Neurochemical Research</i> , 2002, 27, 687-695.	3.3	12
8	Differential reactivity of <i>Agaricus bisporus</i> lectin with human IgA subclasses in gel precipitation. <i>Journal of Immunological Methods</i> , 1992, 156, 199-204.	1.4	11
9	Extrinsic Functions of Lectin Domains in O-N-Acetylgalactosamine Glycan Biosynthesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 25339-25350.	3.4	10
10	Influence of terminal residue on adjacent disaccharide immunogenicity. <i>Molecular Immunology</i> , 2002, 38, 825-831.	2.2	8
11	Immune response to Thomsen-Friedenreich disaccharide and glycan engineering. <i>Immunology and Cell Biology</i> , 2005, 83, 405-412.	2.3	7
12	Catalytic and glycan-binding abilities of ppGalNAc-T2 are regulated by acetylation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 140-145.	2.1	6
13	An acetylation site in lectin domain modulates the biological activity of polypeptide GalNAc-transferase-2. <i>Biological Chemistry</i> , 2013, 394, 69-77.	2.5	4
14	Core 1 O-N-acetylgalactosamine (O-GalNAc) glycosylation in the human cell nucleus. <i>Biological Chemistry</i> , 2020, 401, 1041-1051.	2.5	4
15	Glycan bioengineering in immunogen design for tumor T antigen immunotargeting. <i>Molecular Immunology</i> , 2009, 46, 3445-3453.	2.2	3
16	Functional control of polypeptide GalNAc-transferase 3 through an acetylation site in the C-terminal lectin domain. <i>Biological Chemistry</i> , 2017, 398, 1237-1246.	2.5	3