

# Ivan Martinez-Duncker

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

937  
citations

623734

14  
h-index

477307

29  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic complementation reveals a novel human congenital disorder of glycosylation of type II, due to inactivation of the Golgi CMP-sialic acid transporter. <i>Blood</i> , 2005, 105, 2671-2676.	1.4	137
2	Common Origin and Evolution of Glycosyltransferases Using Dol-P-monosaccharides as Donor Substrate. <i>Molecular Biology and Evolution</i> , 2002, 19, 1451-1463.	8.9	84
3	Differential recognition of <i>Candida tropicalis</i> , <i>Candida guilliermondii</i> , <i>Candida krusei</i> , and <i>Candida auris</i> by human innate immune cells. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 783-794.	2.7	83
4	A new superfamily of protein-O-fucosyltransferases, $\alpha$ 2-fucosyltransferases, and $\alpha$ 6-fucosyltransferases: phylogeny and identification of conserved peptide motifs. <i>Glycobiology</i> , 2003, 13, 1C-5.	2.5	70
5	<i>Sporothrix schenckii sensu stricto</i> and <i>Sporothrix brasiliensis</i> Are Differentially Recognized by Human Peripheral Blood Mononuclear Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 843.	3.5	61
6	Activity, Splice Variants, Conserved Peptide Motifs, and Phylogeny of Two New $\alpha$ 1,3-Fucosyltransferase Families (FUT10 and FUT11). <i>Journal of Biological Chemistry</i> , 2009, 284, 4723-4738.	3.4	58
7	Combined use of fine-needle aspiration biopsy, MIBI scans and frozen section biopsy offers the best diagnostic accuracy in the assessment of the hypofunctioning solitary thyroid nodule. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1273-9.	6.4	53
8	The nucleotide-sugar transporter family: a phylogenetic approach. <i>Biochimie</i> , 2003, 85, 245-260.	2.6	51
9	Anti-inflammatory activity of coumarins isolated from <i>Tagetes lucida</i> Cav.. <i>Natural Product Research</i> , 2020, 34, 3244-3248.	1.8	32
10	Synthesis and Application of Lactosylated, $^{99m}\text{Tc}$ Chelating Albumin for Measurement of Liver Function. <i>Bioconjugate Chemistry</i> , 2010, 21, 589-596.	3.6	24
11	Comparative Analysis of Protein Glycosylation Pathways in Humans and the Fungal Pathogen <i>Candida albicans</i> . <i>International Journal of Microbiology</i> , 2014, 2014, 1-16.	2.3	24
12	Influences of the Culturing Media in the Virulence and Cell Wall of <i>Sporothrix schenckii</i> , <i>Sporothrix brasiliensis</i> , and <i>Sporothrix globosa</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 323.	3.5	21
13	Activation of human $\text{na}^{\vee}\text{Th}$ cells increases surface expression of GD3 and induces neexpression of GD2 that colocalize with TCR clusters. <i>Glycobiology</i> , 2015, 25, 1454-1464.	2.5	19
14	ATP6VOA2 mutations present in two Mexican Mestizo children with an autosomal recessive cutis laxa syndrome type IIA. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 203-212.	1.1	18
15	The Heat Shock Protein 60 and Pap1 Participate in the <i>Sporothrix schenckii</i> -Host Interaction. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 960.	3.5	17
16	Towards <i>In Vivo</i> Imaging of Cancer Sialylation. <i>International Journal of Molecular Imaging</i> , 2011, 2011, 1-10.	1.3	15
17	<i>Tenebrio molitor</i> as an Alternative Model to Analyze the <i>Sporothrix</i> Species Virulence. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 2059-2072.	2.7	14
18	Polysialic Acid in the Immune System. <i>Frontiers in Immunology</i> , 2021, 12, 823637.	4.8	14

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19	Analysis of some immunogenic properties of the recombinant <i>Sporothrix schenckii</i> Gp70 expressed in <i>Escherichia coli</i>. <i>Future Microbiology</i> , 2019, 14, 397-410.	2.0	13
20	Disruption of protein rhamnosylation affects the <i>Sporothrix schenckii</i> -host interaction. <i>Cell Surface</i> , 2021, 7, 100058.	3.0	13
21	Sedative, vasorelaxant, and cytotoxic effects of convolvulin from <i>Ipomoea tyrianthina</i> . <i>Journal of Ethnopharmacology</i> , 2011, 135, 434-439.	4.1	12
22	Role of Protein Glycosylation in Interactions of Medically Relevant Fungi with the Host. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 875.	3.5	12
23	Anti-neuroinflammatory effect of agaves and cantalaponin-1 in a model of LPS-induced damage. <i>Natural Product Research</i> , 2021, 35, 884-887.	1.8	11
24	Activity and tissue distribution of splice variants of $\alpha$ 6-fucosyltransferase in human embryogenesis. <i>Glycobiology</i> , 2003, 14, 13-25.	2.5	10
25	Role of Protein Mannosylation in the <i>Candida tropicalis</i> -Host Interaction. <i>Frontiers in Microbiology</i> , 2019, 10, 2743.	3.5	10
26	Two novel mutations in ZAP70 gene that result in human immunodeficiency. <i>Clinical Immunology</i> , 2017, 183, 278-284.	3.2	9
27	Polysialic acid is expressed in human naïve CD4+ T cells and is involved in modulating activation. <i>Glycobiology</i> , 2019, 29, 557-564.	2.5	9
28	<i>Saccharomyces cerevisiae</i> KTR4, KTR5 and KTR7 encode mannosyltransferases differentially involved in the N- and O-linked glycosylation pathways. <i>Research in Microbiology</i> , 2017, 168, 740-750.	2.1	7
29	The Endoplasmic Reticulum Alpha-Glycosidases as Potential Targets for Virus Control. <i>Current Protein and Peptide Science</i> , 2017, 18, 1090-1097.	1.4	6
30	Generation of a synthetic binary plasmid that confers resistance to nourseothricin for genetic engineering of <i>Sporothrix schenckii</i> . <i>Plasmid</i> , 2018, 100, 1-5.	1.4	5
31	Identification through exome sequencing of the first PMM2-CDG individual of Mexican mestizo origin. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100637.	1.1	5
32	Sialobiology: Structure, Biosynthesis and Function. <i>Sialic Acid Glycoconjugates in Health and Disease</i> , 2013, , .		4
33	SLAMF7 selectively favors degranulation to promote cytotoxicity in human NK cells. <i>European Journal of Immunology</i> , 2022, 52, 62-74.	2.9	4
34	A functional splice variant of the human Golgi CMP-sialic acid transporter. <i>Glycoconjugate Journal</i> , 2016, 33, 897-906.	2.7	3
35	Human adenovirus type 5 increases host cell fucosylation and modifies Ley antigen expression. <i>Glycobiology</i> , 2019, 29, 469-478.	2.5	3
36	Clinical Manifestations, Mutational Analysis, and Immunological Phenotype in Patients with RAG1/2 Mutations: First Cases Series from Mexico and Description of Two Novel Mutations. <i>Journal of Clinical Immunology</i> , 2021, 41, 1291-1302.	3.8	2

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37	ALG1-CDG Caused by Non-functional Alternative Splicing Involving a Novel Pathogenic Complex Allele. <i>Frontiers in Genetics</i> , 2021, 12, 744884.	2.3	2
38	Preparation of CD4 <sup>+</sup> T Cells for Analysis of GD3 and GD2 Ganglioside Membrane Expression by Microscopy. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	1
39	CMP-Sialic Acid Transporter. , 2013, , 115-138.		1
40	Biology of Proteoglycans and Associated Glycosaminoglycans. , 2021, , 63-102.		0
41	Mucins: Structure and Function. , 2021, , 237-265.		0