Karina V MariÃ±o

List of Publications by Year
in descending order

22 papers	621 citations	687220 13 h-index	794469 19 g-index
23 all docs	23 docs citations	23 times ranked	844 citing authors

#	Article	IF	Citations
1	Galectin-1 fosters an immunosuppressive microenvironment in colorectal cancer by reprogramming CD8 ⁺ regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	58
2	Spatiotemporal regulation of galectin-1-induced T-cell death in lamina propria from Crohnâ€™s disease and ulcerative colitis patients. Apoptosis: an International Journal on Programmed Cell Death, 2021, 26, 323-337.	2.2	0
3	Hypoxia Supports Differentiation of Terminally Exhausted CD8 T Cells. Frontiers in Immunology, 2021, 12, 660944.	2.2	37
4	Control of intestinal inflammation by glycosylation-dependent lectin-driven immunoregulatory circuits. Science Advances, 2021, 7, .	4.7	12
5	Structural insights in galectin-1-glycan recognition: Relevance of the glycosidic linkage and the N-acetylation pattern of sugar moieties. Bioorganic and Medicinal Chemistry, 2021, 44, 116309.	1.4	0
6	The Tn antigen promotes lung tumor growth by fostering immunosuppression and angiogenesis via interaction with Macrophage Galactose-type lectin 2 (MGL2). Cancer Letters, 2021, 518, 72-81.	3.2	24
7	Galectin-1 Cooperates with Yersinia Outer Protein (Yop) P to Thwart Protective Immunity by Repressing Nitric Oxide Production. Biomolecules, 2021, 11, 1636.	1.8	4
8	An adipose tissue galectin controls endothelial cell function via preferential recognition of 3â€fucosylated glycans. FASEB Journal, 2020, 34, 735-753.	0.2	15
9	Crystal structures of peanut lectin in the presence of synthetic Î²-N- and Î²-S-galactosides disclose evidence for the recognition of different glycomimetic ligands. Acta Crystallographica Section D: Structural Biology, 2020, 76, 1080-1091.	1.1	1
10	Editorial: Addressing Roles for Glycans in Immunology Using Chemical Biology. Frontiers in Chemistry, 2020, 8, 471.	1.8	1
11	Full-length galectin-8 and separate carbohydrate recognition domains: the whole is greater than the sum of its parts?. Biochemical Society Transactions, 2020, 48, 1255-1268.	1.6	14
12	Exploring lectin-like activity of the S-layer protein of Lactobacillus acidophilus ATCC 4356. Applied Microbiology and Biotechnology, 2019, 103, 4839-4857.	1.7	31
13	Dual knockdown of Galectin-8 and its glycosylated ligand, the activated leukocyte cell adhesion molecule (ALCAM/CD166), synergistically delays in vivo breast cancer growth. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1338-1352.	1.9	35
14	Immunoglobulin A N-glycosylation Presents Important Body Fluid-specific Variations in Lactating Mothers. Molecular and Cellular Proteomics, 2019, 18, 2165-2177.	2.5	17
15	Enzymatic synthesis of non-natural trisaccharides and galactosides; Insights of their interaction with galectins as a function of their structure. Carbohydrate Research, 2019, 472, 1-15.	1.1	3
16	Untangling Galectin-Driven Regulatory Circuits in Autoimmune Inflammation. Trends in Molecular Medicine, 2018, 24, 348-363.	3.5	54
17	Galectins in Intestinal Inflammation: Galectin-1 Expression Delineates Response to Treatment in Celiac Disease Patients. Frontiers in Immunology, 2018, 9, 379.	2.2	48
18	Glycosylation-dependent galectinâ€“receptor interactions promote Chlamydia trachomatis infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6000-E6009.	3.3	38

#	Article	IF	Citations
19	GFAT1 phosphorylation by AMPK promotes VEGF-induced angiogenesis. Biochemical Journal, 2017, 474, 983-1001.	1.7	84
20	Turning-Off Signaling by Siglecs, Selectins, and Galectins: Chemical Inhibition of Glycan-Dependent Interactions in Cancer. Frontiers in Oncology, 2016, 6, 109.	1.3	108
21	Driving CARs into Sweet Roads: Targeting Glycosylated Antigens in Cancer. Immunity, 2016, 44, 1248-1250.	6.6	9
22	Glycosylation-dependent binding of galectin-8 to activated leukocyte cell adhesion molecule (ALCAM/CD166) promotes its surface segregation on breast cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2255-2268.	1.1	28