

# Marta A Toscano

## List of Publications by Year in descending order

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46  
papers

5,807  
citations

172457

29  
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223800

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48  
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48  
docs citations

48  
times ranked

6118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligonucleotide IMT504 Improves Glucose Metabolism and Controls Immune Cell Mediators in Female Diabetic NOD Mice. <i>Nucleic Acid Therapeutics</i> , 2021, 31, 155-171.	3.6	3
2	Spatiotemporal regulation of galectin-1-induced T-cell death in lamina propria from Crohn's disease and ulcerative colitis patients. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 323-337.	4.9	0
3	Control of intestinal inflammation by glycosylation-dependent lectin-driven immunoregulatory circuits. <i>Science Advances</i> , 2021, 7, .	10.3	12
4	Suppression of age-related salivary gland autoimmunity by glycosylation-dependent galectin-1-driven immune inhibitory circuits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6630-6639.	7.1	37
5	Galectins: Key Players at the Frontiers of Innate and Adaptive Immunity. <i>Trends in Glycoscience and Glycotechnology</i> , 2018, 30, SE97-SE107.	0.1	8
6	Untangling Galectin-Driven Regulatory Circuits in Autoimmune Inflammation. <i>Trends in Molecular Medicine</i> , 2018, 24, 348-363.	6.7	54
7	Translating the "Sugar Code" into Immune and Vascular Signaling Programs. <i>Trends in Biochemical Sciences</i> , 2017, 42, 255-273.	7.5	95
8	Lack of galectin-3 increases Jagged1/Notch activation in bone marrow-derived dendritic cells and promotes dysregulation of T helper cell polarization. <i>Molecular Immunology</i> , 2016, 76, 22-34.	2.2	22
9	Inflammation Controls Sensitivity of Human and Mouse Intestinal Epithelial Cells to Galectin-1. <i>Journal of Cellular Physiology</i> , 2016, 231, 1575-1585.	4.1	19
10	A galectin-specific signature in the gut delineates Crohn's disease and ulcerative colitis from other human inflammatory intestinal disorders. <i>BioFactors</i> , 2016, 42, 93-105.	5.4	34
11	Regulation of Galectins by Hypoxia and Their Relevance in Angiogenesis: Strategies and Methods. <i>Methods in Molecular Biology</i> , 2015, 1207, 293-304.	0.9	3
12	Study of Galectins in Tumor Immunity: Strategies and Methods. <i>Methods in Molecular Biology</i> , 2015, 1207, 249-268.	0.9	5
13	Galectin-1 Prevents Infection and Damage Induced by <i>Trypanosoma cruzi</i> on Cardiac Cells. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004148.	3.0	39
14	Glycosylation-Dependent Lectin-Receptor Interactions Preserve Angiogenesis in Anti-VEGF Refractory Tumors. <i>Cell</i> , 2014, 156, 744-758.	28.9	423
15	Nurse-like cells control the activity of chronic lymphocytic leukemia B cells via galectin-1. <i>Leukemia</i> , 2013, 27, 1413-1416.	7.2	47
16	Targeting Galectin-1 Overcomes Breast Cancer-Associated Immunosuppression and Prevents Metastatic Disease. <i>Cancer Research</i> , 2013, 73, 1107-1117.	0.9	216
17	Disrupting galectin-1 interactions with N-glycans suppresses hypoxia-driven angiogenesis and tumorigenesis in Kaposi's sarcoma. <i>Journal of Experimental Medicine</i> , 2012, 209, 1985-2000.	8.5	168
18	Galectin-1 confers immune privilege to human trophoblast: implications in recurrent fetal loss. <i>Glycobiology</i> , 2012, 22, 1374-1386.	2.5	56

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19	Endogenous galectin-3 controls experimental malaria in a species-specific manner. <i>Parasite Immunology</i> , 2012, 34, 383-387.	1.5	16
20	Nuclear factor (NF)- $\kappa$ B controls expression of the immunoregulatory glycan-binding protein galectin-1. <i>Molecular Immunology</i> , 2011, 48, 1940-1949.	2.2	45
21	The glycan-binding protein galectin-1 controls survival of epithelial cells along the crypt-villus axis of small intestine. <i>Cell Death and Disease</i> , 2011, 2, e163-e163.	6.3	16
22	Dissecting the signal transduction pathways triggered by galectin-glycan interactions in physiological and pathological settings. <i>IUBMB Life</i> , 2010, 62, 1-13.	3.4	29
23	Lack of TNFR p55 Results in Heightened Expression of IFN- $\gamma$ and IL-17 during the Development of Reactive Arthritis. <i>Journal of Immunology</i> , 2010, 185, 4485-4495.	0.8	28
24	Duodenal Intraepithelial Lymphocytes of Children with Cow Milk Allergy Preferentially Bind the Glycan-Binding Protein Galectin-3. <i>International Journal of Immunopathology and Pharmacology</i> , 2009, 22, 207-217.	2.1	13
25	Tolerogenic signals delivered by dendritic cells to T cells through a galectin-1-driven immunoregulatory circuit involving interleukin 27 and interleukin 10. <i>Nature Immunology</i> , 2009, 10, 981-991.	14.5	403
26	Turning 'sweet' on immunity: galectin-glycan interactions in immune tolerance and inflammation. <i>Nature Reviews Immunology</i> , 2009, 9, 338-352.	22.7	784
27	Galectin-1 as a potential therapeutic target in autoimmune disorders and cancer. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 45-57.	3.1	79
28	A Novel Function for Galectin-1 at the Crossroad of Innate and Adaptive Immunity: Galectin-1 Regulates Monocyte/Macrophage Physiology through a Nonapoptotic ERK-Dependent Pathway. <i>Journal of Immunology</i> , 2007, 178, 436-445.	0.8	186
29	Dissecting the pathophysiologic role of endogenous lectins: Glycan-binding proteins with cytokine-like activity?. <i>Cytokine and Growth Factor Reviews</i> , 2007, 18, 57-71.	7.2	71
30	Differential glycosylation of TH1, TH2 and TH-17 effector cells selectively regulates susceptibility to cell death. <i>Nature Immunology</i> , 2007, 8, 825-834.	14.5	574
31	A pivotal role for galectin-1 in fetomaternal tolerance. <i>Nature Medicine</i> , 2007, 13, 1450-1457.	30.7	431
32	Functions of cell surface galectin-glycoprotein lattices. <i>Current Opinion in Structural Biology</i> , 2007, 17, 513-520.	5.7	341
33	Regulation of galectin-1 expression by transforming growth factor $\beta$ 21 in metastatic mammary adenocarcinoma cells: implications for tumor-immune escape. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 491-499.	4.2	37
34	Roles of galectins in chronic inflammatory microenvironments. <i>Future Rheumatology</i> , 2006, 1, 441-454.	0.2	3
35	Low-dose cyclophosphamide modulates galectin-1 expression and function in an experimental rat lymphoma model. <i>Cancer Immunology, Immunotherapy</i> , 2006, 56, 237-248.	4.2	14
36	Impact of protein-glycan interactions in the regulation of autoimmunity and chronic inflammation. <i>Autoimmunity Reviews</i> , 2006, 5, 349-356.	5.8	30

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37	Galectin-1 Suppresses Autoimmune Retinal Disease by Promoting Concomitant Th2- and T Regulatory-Mediated Anti-Inflammatory Responses. <i>Journal of Immunology</i> , 2006, 176, 6323-6332.	0.8	180
38	Regulated Expression of Galectin-1 after In Vitro Productive Infection with Herpes Simplex Virus Type I: Implications for T Cell Apoptosis. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 615-623.	2.1	24
39	Galectin-3 and soluble fibrinogen act in concert to modulate neutrophil activation and survival: involvement of alternative MAPK pathways. <i>Glycobiology</i> , 2005, 15, 519-527.	2.5	95
40	Galectin-1 Sensitizes Resting Human T Lymphocytes to Fas (CD95)-mediated Cell Death via Mitochondrial Hyperpolarization, Budding, and Fission. <i>Journal of Biological Chemistry</i> , 2005, 280, 6969-6985.	3.4	157
41	The Sweet Kiss of Death: A Link between Galectin-1, Glycosylation and the Generation of Immune Privilege. <i>Trends in Glycoscience and Glycotechnology</i> , 2005, 17, 133-143.	0.1	8
42	The role of galectins in the initiation, amplification and resolution of the inflammatory response. <i>Tissue Antigens</i> , 2004, 64, 1-12.	1.0	161
43	Targeted inhibition of galectin-1 gene expression in tumor cells results in heightened T cell-mediated rejection. <i>Cancer Cell</i> , 2004, 5, 241-251.	16.8	497
44	Regulated expression of galectin-1 during T-cell activation involves Lck and Fyn kinases and signaling through MEK1/ERK, p38 MAP kinase and p70S6kinase. <i>Molecular and Cellular Biochemistry</i> , 2004, 267, 177-185.	3.1	73
45	Role of galectins in inflammatory and immunomodulatory processes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1572, 274-284.	2.4	202
46	Shedding light on the immunomodulatory properties of galectins: Novel regulators of innate and adaptive immune responses. <i>Glycoconjugate Journal</i> , 2002, 19, 565-573.	2.7	68