List of Publications by Year in descending order

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FU-TONG LUL

#	Article	IF	CITATIONS
1	Galectin-12 modulates sebocyte proliferation and cell cycle progression by regulating cyclin A1 and CDK2. Glycobiology, 2022, 32, 73-82.	2.5	5
2	Visualization of Cytosolic Galectin Accumulation Around Damaged Vesicles and Organelles. Methods in Molecular Biology, 2022, 2442, 353-365.	0.9	0
3	Gal-1 (Galectin-1) Upregulation Contributes to Abdominal Aortic Aneurysm Progression by Enhancing Vascular Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 331-345.	2.4	12
4	Galectin-8 Is Upregulated in Keratinocytes by IL-17A and Promotes Proliferation by Regulating Mitosis in Psoriasis. Journal of Investigative Dermatology, 2021, 141, 503-511.e9.	0.7	8
5	Galectins in allergic inflammatory diseases. Molecular Aspects of Medicine, 2021, 79, 100925.	6.4	8
6	FUT8 Remodeling of EGFR Regulates Epidermal Keratinocyte Proliferation during Psoriasis Development. Journal of Investigative Dermatology, 2021, 141, 512-522.	0.7	8
7	Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. Cellular and Molecular Life Sciences, 2021, 78, 3621-3635.	5.4	2
8	Galectin-7 downregulation in lesional keratinocytes contributes to enhanced IL-17A signaling and skin pathology in psoriasis. Journal of Clinical Investigation, 2021, 131, .	8.2	35
9	Genetic profiles of 103,106 individuals in the Taiwan Biobank provide insights into the health and history of Han Chinese. Npj Genomic Medicine, 2021, 6, 10.	3.8	100
10	Intracellular galectins sense cytosolically exposed glycans as danger and mediate cellular responses. Journal of Biomedical Science, 2021, 28, 16.	7.0	22
11	Indispensable role of Galectin-3 in promoting quiescence of hematopoietic stem cells. Nature Communications, 2021, 12, 2118.	12.8	11
12	The Antiviral Role of Galectins toward Influenza A Virus Infection—An Alternative Strategy for Influenza Therapy. Pharmaceuticals, 2021, 14, 490.	3.8	4
13	Analysis of site-specific glycan profiles of serum proteins in patients with multiple sclerosis or neuromyelitis optica spectrum disorder—a pilot study. Glycobiology, 2021, 31, 1230-1238.	2.5	2
14	Galectin-3 promotes noncanonical inflammasome activation through intracellular binding to lipopolysaccharide glycans. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
15	Intracellular galectins control cellular responses commensurate with cell surface carbohydrate composition. Glycobiology, 2020, 30, 36-48.	2.5	10
16	Palmitoyl Acyltransferase Activity of ZDHHC13 Regulates Skin Barrier Development Partly by Controlling PADi3 and TGM1 Protein Stability. Journal of Investigative Dermatology, 2020, 140, 959-970.e3.	0.7	10
17	The role of galectins in virus infection - A systemic literature review. Journal of Microbiology, Immunology and Infection, 2020, 53, 925-935.	3.1	92
18	An adipose tissue galectin controls endothelial cell function via preferential recognition of 3â€fucosylated glycans. FASEB Journal, 2020, 34, 735-753.	0.5	15

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19	Galectin-3 as a Therapeutic Target for NSAID-Induced Intestinal Ulcers. Frontiers in Immunology, 2020, 11, 550366.	4.8	7
20	Increased APOE glycosylation plays a key role in the atherogenicity of L5 lowâ€density lipoprotein. FASEB Journal, 2020, 34, 9802-9813.	0.5	15
21	Determination of the Maturation Status of Dendritic Cells by Applying Pattern Recognition to High-Resolution Images. Journal of Physical Chemistry B, 2020, 124, 8540-8548.	2.6	8
22	Lumenal Galectin-9-Lamp2 interaction regulates lysosome and autophagy to prevent pathogenesis in the intestine and pancreas. Nature Communications, 2020, 11, 4286.	12.8	38
23	Immunologic aspects of characteristics, diagnosis, and treatment of coronavirus disease 2019 (COVID-19). Journal of Biomedical Science, 2020, 27, 72.	7.0	36
24	BGN/TLR4/NF-κB Mediates Epigenetic Silencing of Immunosuppressive Siglec Ligands in Colon Cancer Cells. Cells, 2020, 9, 397.	4.1	23
25	Intracellular Galectin-9 Enhances Proximal TCR Signaling and Potentiates Autoimmune Diseases. Journal of Immunology, 2020, 204, 1158-1172.	0.8	27
26	Amelioration of bleomycin-induced pulmonary fibrosis via TGF-β-induced Smad and non-Smad signaling pathways in galectin-9-deficient mice and fibroblast cells. Journal of Biomedical Science, 2020, 27, 24.	7.0	13
27	Amino Acid Deletions in p6Gag Domain of HIV-1 CRF07_BC Ameliorate Galectin-3 Mediated Enhancement in Viral Budding. International Journal of Molecular Sciences, 2020, 21, 2910.	4.1	6
28	Galectins in Host Defense Against Microbial Infections. Advances in Experimental Medicine and Biology, 2020, 1204, 141-167.	1.6	19
29	Direct Observations of Silver Nanowire-Induced Frustrated Phagocytosis among NR8383 Lung Alveolar Macrophages. Journal of Physical Chemistry B, 2020, 124, 11584-11592.	2.6	2
30	Galectin-3 is required for the microglia-mediated brain inflammation in a model of Huntington's disease. Nature Communications, 2019, 10, 3473.	12.8	153
31	Sialyl Glycan Expression on T Cell Subsets in Asthma: a correlation with disease severity and blood parameters. Scientific Reports, 2019, 9, 8947.	3.3	2
32	Candida albicans triggers NADPH oxidase-independent neutrophil extracellular traps through dectin-2. PLoS Pathogens, 2019, 15, e1008096.	4.7	69
33	Helicobacter pylori induces intracellular galectin-8 aggregation around damaged lysosomes within gastric epithelial cells in a host O-glycan-dependent manner. Glycobiology, 2019, 29, 151-162.	2.5	24
34	Galectin-9 Is Critical for Mucosal Adaptive Immunity through the T Helper 17–IgA Axis. American Journal of Pathology, 2018, 188, 1225-1235.	3.8	7
35	Galectin-3 Enhances Avian H5N1 Influenza A Virus–Induced Pulmonary Inflammation by Promoting NLRP3 Inflammasome Activation. American Journal of Pathology, 2018, 188, 1031-1042.	3.8	79
36	Periodic Arrangement of Lipopolysaccharides Nanostructures Accelerates and Enhances the Maturation Processes of Dendritic Cells. ACS Applied Nano Materials, 2018, 1, 839-850.	5.0	8

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37	Allyl Isothiocyanate Ameliorates Obesity by Inhibiting Galectinâ€12. Molecular Nutrition and Food Research, 2018, 62, e1700616.	3.3	15
38	The expression and function of galectins in skin physiology and pathology. Experimental Dermatology, 2018, 27, 217-226.	2.9	19
39	Cytosolic galectin-3 and -8 regulate antibacterial autophagy through differential recognition of host glycans on damaged phagosomes. Glycobiology, 2018, 28, 392-405.	2.5	48
40	Decrease of galectin-3 in keratinocytes: A potential diagnostic marker and a critical contributor to the pathogenesis of psoriasis. Journal of Autoimmunity, 2018, 89, 30-40.	6.5	30
41	Galectins as Intracellular Regulators of Cellular Responses through the Detection of Damaged Endocytic Vesicles. Trends in Glycoscience and Glycotechnology, 2018, 30, SE179-SE184.	0.1	14
42	Galectin-1 Restricts Vascular Smooth Muscle Cell Motility Via Modulating Adhesion Force and Focal Adhesion Dynamics. Scientific Reports, 2018, 8, 11497.	3.3	28
43	Galectin-3 Activation and Inhibition in Heart Failure and Cardiovascular Disease: An Update. Theranostics, 2018, 8, 593-609.	10.0	187
44	Galectin-12 is Involved in Corn Silk-Induced Anti-Adipogenesis and Anti-Obesity Effects. The American Journal of Chinese Medicine, 2018, 46, 1045-1063.	3.8	15
45	Galectin-12 in Cellular Differentiation, Apoptosis and Polarization. International Journal of Molecular Sciences, 2018, 19, 176.	4.1	21
46	Applying Pattern Recognition to High-Resolution Images to Determine Cellular Signaling Status. IEEE Transactions on Nanobioscience, 2017, 16, 438-446.	3.3	4
47	Protein Palmitoylation by ZDHHC13 Protects Skin against Microbial-Driven Dermatitis. Journal of Investigative Dermatology, 2017, 137, 894-904.	0.7	10
48	The intrinsically disordered N-terminal domain of galectin-3 dynamically mediates multisite self-association of the protein through fuzzy interactions. Journal of Biological Chemistry, 2017, 292, 17845-17856.	3.4	54
49	Galectin-3 Inhibits Galectin-8/Parkin-Mediated Ubiquitination of Group A Streptococcus. MBio, 2017, 8, .	4.1	38
50	Generation and characterization of new monoclonal antibodies against swine origin 2009 influenza A (H1N1) virus and evaluation of their prophylactic and therapeutic efficacy in a mouse model. Developmental and Comparative Immunology, 2017, 67, 8-17.	2.3	8
51	Cell Intrinsic Galectin-3 Attenuates Neutrophil ROS-Dependent Killing of Candida by Modulating CR3 Downstream Syk Activation. Frontiers in Immunology, 2017, 8, 48.	4.8	41
52	Deletion of Galectin-3 Enhances Xenobiotic Induced Murine Primary Biliary Cholangitis by Facilitating Apoptosis of BECs and Release of Autoantigens. Scientific Reports, 2016, 6, 23348.	3.3	24
53	Galectinâ€3 regulates inflammasome activation in cholestatic liver injury. FASEB Journal, 2016, 30, 4202-4213.	0.5	62
54	Population structure of Han Chinese in the modern Taiwanese population based on 10,000 participants in the Taiwan Biobank project. Human Molecular Genetics, 2016, 25, ddw346.	2.9	196

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55	Dual thio-digalactoside-binding modes of human galectins as the structural basis for the design of potent and selective inhibitors. Scientific Reports, 2016, 6, 29457.	3.3	70
56	Nanoimaging granule dynamics and subcellular structures in activated mast cells using soft X-ray tomography. Scientific Reports, 2016, 6, 34879.	3.3	31
57	Galectin-12 inhibits granulocytic differentiation of human NB4 promyelocytic leukemia cells while promoting lipogenesis. Journal of Leukocyte Biology, 2016, 100, 657-664.	3.3	21
58	Glycolic Acid Silences Inflammasome Complex Genes, <i>NLRC4</i> and <i>ASC</i> , by Inducing DNA Methylation in HaCaT Cells. DNA and Cell Biology, 2016, 35, 124-134.	1.9	10
59	Galectin-12 enhances inflammation by promoting M1 polarization of macrophages and reduces insulin sensitivity in adipocytes. Glycobiology, 2016, 26, 732-744.	2.5	41
60	Galectin-3 Plays an Important Role in Innate Immunity to Gastric Infection by Helicobacter pylori. Infection and Immunity, 2016, 84, 1184-1193.	2.2	59
61	Galectin-7 Regulates Keratinocyte Proliferation and Differentiation through JNK-miR-203-p63 Signaling. Journal of Investigative Dermatology, 2016, 136, 182-191.	0.7	48
62	Galectin-3 modulates the EGFR signalling-mediated regulation of Sox2 expression via c-Myc in lung cancer. Glycobiology, 2016, 26, 155-165.	2.5	45
63	Identification of VPS13C as a Galectin-12-Binding Protein That Regulates Galectin-12 Protein Stability and Adipogenesis. PLoS ONE, 2016, 11, e0153534.	2.5	35
64	Galectin-3 and Its Genetic Variation rs4644 Modulate Enterovirus 71 Infection. PLoS ONE, 2016, 11, e0168627.	2.5	9
65	Galectin-3 level and the severity of cardiac diastolic dysfunction using cellular and animal models and clinical indices. Scientific Reports, 2015, 5, 17007.	3.3	56
66	Patient-Centered, Direct-Access Online Care for Management of Atopic Dermatitis. JAMA Dermatology, 2015, 151, 154.	4.1	68
67	Engineered Nanostructures of Haptens Lead to Unexpected Formation of Membrane Nanotubes Connecting Rat Basophilic Leukemia Cells. ACS Nano, 2015, 9, 6738-6746.	14.6	11
68	Galectin 3 regulates HCC cell invasion by RhoA and MLCK activation. Laboratory Investigation, 2015, 95, 1145-1156.	3.7	39
69	Association of STAT6 genetic variants with childhood atopic dermatitis in Taiwanese population. Journal of Dermatological Science, 2015, 79, 222-228.	1.9	16
70	Melanocytic Galectin-3 Is Associated with Tyrosinase-Related Protein-1 and Pigment Biosynthesis. Journal of Investigative Dermatology, 2015, 135, 202-211.	0.7	5
71	Examination of Galectins in Phagocytosis. Methods in Molecular Biology, 2015, 1207, 201-213.	0.9	13
72	Analysis of the Intracellular Role of Galectins in Cell Growth and Apoptosis. Methods in Molecular Biology, 2015, 1207, 451-463.	0.9	20

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73	Successful treatment of psoriasis with ustekinumab in patients with multiple sclerosis. Dermatology Online Journal, 2015, 21, .	O.5	4
74	Galectinâ€3 disruption impaired tumoral angiogenesis by reducing VEGF secretion from TGF β 1â€induced macrophages. Cancer Medicine, 2014, 3, 201-214.	2.8	42
75	Galectin-3 promotes HIV-1 budding via association with Alix and Gag p6. Glycobiology, 2014, 24, 1022-1035.	2.5	61
76	Galectins and Neuroinflammation. Advances in Neurobiology, 2014, 9, 517-542.	1.8	47
77	Hedgehog signaling pathway mediates tongue tumorigenesis in wild-type mice but not in Gal3-deficient mice. Experimental and Molecular Pathology, 2014, 97, 332-337.	2.1	4
78	Modulation of CD6 function through interaction with Galectinâ€1 and â€3. FEBS Letters, 2014, 588, 2805-2813.	2.8	22
79	Antibody-dependent SARS coronavirus infection is mediated by antibodies against spike proteins. Biochemical and Biophysical Research Communications, 2014, 451, 208-214.	2.1	365
80	Galectins as bacterial sensors in the host innate response. Current Opinion in Microbiology, 2014, 17, 75-81.	5.1	64
81	Expression of APC protein during tongue malignant transformation in galectin-3-deficient mice challenged by the carcinogen 4-nitroquniline-n-oxide. International Journal of Clinical and Experimental Pathology, 2014, 7, 3255-63.	0.5	3
82	Galectin-3 Negatively Regulates Dendritic Cell Production of IL-23/IL-17–Axis Cytokines in Infection by <i>Histoplasma capsulatum</i> . Journal of Immunology, 2013, 190, 3427-3437.	0.8	64
83	Galectin-3 Modulates Th17 Responses by Regulating Dendritic Cell Cytokines. American Journal of Pathology, 2013, 183, 1209-1222.	3.8	50
84	Galectinâ€3 negatively regulates the frequency and function of <scp>CD</scp> 4 <sup>+</sup> <scp>CD</scp> 25 <sup>+</sup> <scp>F</scp> oxp3 <sup>+</sup> regulatory <scp>T</scp> cells and influences the course of <i><scp>L</scp>eishmania major</i> infection. European Journal of Immunology, 2013, 43, 1806-1817.	2.9	41
85	Galectin-3 Regulates the Innate Immune Response of Human Monocytes. Journal of Infectious Diseases, 2013, 207, 947-956.	4.0	41
86	Therapeutic effect of cytotoxic T lymphocyte antigen 4/immunoglobulin on a murine model of primary biliary cirrhosis. Hepatology, 2013, 57, 708-715.	7.3	88
87	Inducible deletion of the Blimp-1 gene in adult epidermis causes granulocyte-dominated chronic skin inflammation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6476-6481.	7.1	36
88	Higher bone marrow LGALS3 expression is an independent unfavorable prognostic factor for overall survival in patients with acute myeloid leukemia. Blood, 2013, 121, 3172-3180.	1.4	58
89	Eosinophil-expressed galectin-3 regulates cell trafficking and migration. Frontiers in Pharmacology, 2013, 4, 37.	3.5	29
90	The murine CCR3 receptor regulates both eosinophilia and hyperresponsiveness in IgE-mediated allergic conjunctivitis. British Journal of Ophthalmology, 2012, 96, 1132-1136.	3.9	16

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91	The ESCRT Machinery Is Recruited by the Viral BFRF1 Protein to the Nucleus-Associated Membrane for the Maturation of Epstein-Barr Virus. PLoS Pathogens, 2012, 8, e1002904.	4.7	110
92	Galectin-3 Regulates Intracellular Trafficking of EGFR through Alix and Promotes Keratinocyte Migration. Journal of Investigative Dermatology, 2012, 132, 2828-2837.	0.7	89
93	Galectin-3 modulates phagocytosis-induced stellate cell activation and liver fibrosis in vivo. American Journal of Physiology - Renal Physiology, 2012, 302, G439-G446.	3.4	61
94	Galectin-12. Adipocyte, 2012, 1, 96-100.	2.8	26
95	Galectins in Immune and Inflammatory Diseases: Insights from Experiments with Galectin Deficient Mice. ACS Symposium Series, 2012, , 343-358.	0.5	1
96	Galectin-3 binds to CD45 on diffuse large B-cell lymphoma cells to regulate susceptibility to cell death. Blood, 2012, 120, 4635-4644.	1.4	83
97	Comparative transcriptomic analyses of atopic dermatitis and psoriasis reveal shared neutrophilic inflammation. Journal of Allergy and Clinical Immunology, 2012, 130, 1335-1343.e5.	2.9	104
98	Galectins and cutaneous immunity. Dermatologica Sinica, 2012, 30, 121-127.	0.5	14
99	The Role of Galectin-3 in Stellate Cell Activation and Liver Fibrosis. ACS Symposium Series, 2012, , 391-395.	0.5	3
100	Deletion of galectinâ€3 exacerbates microglial activation and accelerates disease progression and demise in a <scp>SOD1</scp> <sup>G93A</sup> mouse model of amyotrophic lateral sclerosis. Brain and Behavior, 2012, 2, 563-575.	2.2	76
101	Galectins in acute and chronic inflammation. Annals of the New York Academy of Sciences, 2012, 1253, 80-91.	3.8	114
102	Contribution of spinal galectin-3 to acute herpetic allodynia in mice. Pain, 2012, 153, 585-592.	4.2	31
103	The involvement of the spleen during chronic phase of Schistosoma mansoni infection in galectin-3-/- mice. Histology and Histopathology, 2012, 27, 1109-20.	0.7	18
104	The inactive form of glycogen synthase kinase-3Î <sup>2</sup> is associated with the development of carcinomas in galectin-3 wild-type mice, but not in galectin-3-deficient mice. International Journal of Clinical and Experimental Pathology, 2012, 5, 547-54.	0.5	7
105	Engineered Nanostructures of Antigen Provide an Effective Means for Regulating Mast Cell Activation. ACS Nano, 2011, 5, 8672-8683.	14.6	14
106	Galectin-3 and the skin. Journal of Dermatological Science, 2011, 64, 85-91.	1.9	64
107	Pulmonary Effects of Diesel Exhaust. American Journal of Pathology, 2011, 179, 2678-2682.	3.8	6
108	Lack of Galectin-3 Disturbs Mesenteric Lymph Node Homeostasis and B Cell Niches in the Course of Schistosoma mansoni Infection. PLoS ONE, 2011, 6, e19216.	2.5	24

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109	Absence of galectin-3 does not affect the development of experimental tongue carcinomas in mice. Experimental and Molecular Pathology, 2011, 90, 189-193.	2.1	9
110	IgE, Mast Cells, and Eosinophils in Atopic Dermatitis. Clinical Reviews in Allergy and Immunology, 2011, 41, 298-310.	6.5	350
111	B cell depletion therapy exacerbates murine primary biliary cirrhosis. Hepatology, 2011, 53, 527-535.	7.3	66
112	Ablation of a galectin preferentially expressed in adipocytes increases lipolysis, reduces adiposity, and improves insulin sensitivity in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18696-18701.	7.1	73
113	Galectins in Regulation of Apoptosis. Advances in Experimental Medicine and Biology, 2011, 705, 431-442.	1.6	14
114	Galectin-3 preserves renal tubules and modulates extracellular matrix remodeling in progressive fibrosis. American Journal of Physiology - Renal Physiology, 2011, 300, F245-F253.	2.7	72
115	LPS-Induced Galectin-3 Oligomerization Results in Enhancement of Neutrophil Activation. PLoS ONE, 2011, 6, e26004.	2.5	78
116	The Promigratory Activity of the Matricellular Protein Galectin-3 Depends on the Activation of PI-3 Kinase. PLoS ONE, 2011, 6, e29313.	2.5	14
117	Activation of the Wnt/beta-catenin signaling pathway during oral carcinogenesis process is not influenced by the absence of galectin-3 in mice. Anticancer Research, 2011, 31, 2805-11.	1.1	7
118	The antigen presentation function of bone marrow-derived mast cells is spatiotemporally restricted to a subset expressing high levels of cell surface FcεRI and MHC II. BMC Immunology, 2010, 11, 34.	2.2	35
119	A sweet target for innate immunity. Nature Medicine, 2010, 16, 263-264.	30.7	18
120	Galectins: regulators of acute and chronic inflammation. Annals of the New York Academy of Sciences, 2010, 1183, 158-182.	3.8	348
121	A Novel Clinically Relevant Animal Model for Studying Galectin-3 and Its Ligands During Colon Carcinogenesis. Journal of Histochemistry and Cytochemistry, 2010, 58, 553-565.	2.5	16
122	Evaluation and Comparison of Store-and-Forward Teledermatology Applications. Telemedicine Journal and E-Health, 2010, 16, 424-438.	2.8	29
123	Allergen-Induced Airway Remodeling Is Impaired in Galectin-3–Deficient Mice. Journal of Immunology, 2010, 185, 1205-1214.	0.8	75
124	Galectin-3 is an important mediator of VEGF- and bFGF-mediated angiogenic response. Journal of Experimental Medicine, 2010, 207, 1981-1993.	8.5	266
125	Applications of Atomic Force Microscopy in Biophysical Chemistry of Cells. Journal of Physical Chemistry B, 2010, 114, 5971-5982.	2.6	53
126	Galectin-3 plays a modulatory role in the life span and activation of murine neutrophils during early Toxoplasma gondii infection. Immunobiology, 2010, 215, 475-485.	1.9	33

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127	Lack of galectin-3 alleviates trypanosomiasis-associated anemia of inflammation. Immunobiology, 2010, 215, 833-841.	1.9	13
128	Galectinâ€3 mediates chronic airway allergic inflammation and airway remodeling. FASEB Journal, 2010, 24, 952.5.	0.5	0
129	Galectin-3 is an important mediator of VEGF- and bFGF-mediated angiogenic response. Journal of Cell Biology, 2010, 190, i12-i12.	5.2	0
130	Induction and effector phase of allergic lung inflammation is independent of CCL21/CCL19 and LT-beta. International Journal of Medical Sciences, 2009, 6, 85-92.	2.5	7
131	Lack of Galectin-3 Drives Response to Paracoccidioides brasiliensis toward a Th2-Biased Immunity. PLoS ONE, 2009, 4, e4519.	2.5	49
132	Galectin-3 promotes lamellipodia formation in epithelial cells by interacting with complex N-glycans on α3β1 integrin. Journal of Cell Science, 2009, 122, 3684-3693.	2.0	108
133	Galectin-3 Deficiency Reduces the Severity of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2009, 182, 1167-1173.	0.8	166
134	The Direct Binding of Insulin-like Growth Factor-1 (IGF-1) to Integrin αvβ3 Is Involved in IGF-1 Signaling. Journal of Biological Chemistry, 2009, 284, 24106-24114.	3.4	79
135	Galectin-3 regulates peritoneal B1-cell differentiation into plasma cells. Glycobiology, 2009, 19, 1248-1258.	2.5	42
136	Ablation of type I hypersensitivity in experimental allergic conjunctivitis by eotaxin-1/CCR3 blockade. International Immunology, 2009, 21, 187-201.	4.0	30
137	Galectin-3 negatively regulates TCR-mediated CD4 <sup>+</sup> T-cell activation at the immunological synapse. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14496-14501.	7.1	177
138	The immunological potential of galectin-1 and -3. Autoimmunity Reviews, 2009, 8, 360-363.	5.8	96
139	Endogenous Galectin-3 Is Localized in Membrane Lipid Rafts and Regulates Migration of Dendritic Cells. Journal of Investigative Dermatology, 2009, 129, 573-583.	0.7	88
140	Galectinâ€3 regulates Tâ€cell functions. Immunological Reviews, 2009, 230, 114-127.	6.0	144
141	Critical role of IgE-dependent mast cell activation in a murine model of allergic conjunctivitis. Journal of Allergy and Clinical Immunology, 2009, 124, 827-833.e2.	2.9	38
142	Impact of Actin Rearrangement and Degranulation on the Membrane Structure of Primary Mast Cells: A Combined Atomic Force and Laser Scanning Confocal Microscopy Investigation. Biophysical Journal, 2009, 96, 1629-1639.	0.5	69
143	Galectin-3 Is Critical for the Development of the Allergic Inflammatory Response in a Mouse Model of Atopic Dermatitis. American Journal of Pathology, 2009, 174, 922-931.	3.8	79
144	Targeted disruption of the galectin-3 gene results in decreased susceptibility to NNK-induced lung tumorigenesis: an oligonucleotide microarray study. Journal of Cancer Research and Clinical Oncology, 2008, 134, 777-788.	2.5	28

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145	Lack of galectinâ€3 alters the balance of innate immune cytokines and confers resistance to <i>Rhodococcus equi</i> infection. European Journal of Immunology, 2008, 38, 2762-2775.	2.9	43
146	Galectin-3 Protects Keratinocytes from UVB-Induced Apoptosis by Enhancing AKT Activation and Suppressing ERK Activation. Journal of Investigative Dermatology, 2008, 128, 2403-2411.	0.7	44
147	Dynamics of Neutrophil Infiltration during Cutaneous Wound Healing and Infection Using Fluorescence Imaging. Journal of Investigative Dermatology, 2008, 128, 1812-1820.	0.7	211
148	IgE peptide-specific CTL inhibit IgE production: A transient IgE suppression model in wild-type and HLA-A2.1 transgenic mice. Cellular Immunology, 2008, 254, 28-38.	3.0	2
149	Galectins: structure, function and therapeutic potential. Expert Reviews in Molecular Medicine, 2008, 10, e17.	3.9	644
150	Galectin-3 Expression and Secretion Links Macrophages to the Promotion of Renal Fibrosis. American Journal of Pathology, 2008, 172, 288-298.	3.8	460
151	Nonalcoholic steatohepatitis and hepatocellular carcinoma in galectinâ€3 knockout mice. Hepatology Research, 2008, 38, 1241-1251.	3.4	30
152	Pro-inflammatory Secretory Phospholipase A2 Type IIA Binds to Integrins αvβ3 and α4β1 and Induces Proliferation of Monocytic Cells in an Integrin-dependent Manner. Journal of Biological Chemistry, 2008, 283, 26107-26115.	3.4	86
153	Galectin-3 Is a Negative Regulator of Lipopolysaccharide-Mediated Inflammation. Journal of Immunology, 2008, 181, 2781-2789.	0.8	137
154	Galectinâ€3 regulates cytokine production and bacteria burden in macrophages during Listeria infection. FASEB Journal, 2008, 22, 675.16.	0.5	0
155	Galectinâ€3 Promotes Formation of Lamellipodia in Corneal Epithelial Cells by Interacting with α3β1 Integrins. FASEB Journal, 2008, 22, 808.3.	0.5	0
156	Protein–Glycan Interactions in the Regulation of Immune Cell Function in Cancer: Lessons from the Study of Galectins-1 and -3. , 2008, , 235-258.		0
157	Inhibition of Advanced Glycation and Absence of Galectin-3 Prevent Blood-Retinal Barrier Dysfunction during Short-Term Diabetes. Experimental Diabetes Research, 2007, 2007, 1-10.	3.8	70
158	Galectin-3 Functions as an Adhesion Molecule to Support Eosinophil Rolling and Adhesion under Conditions of Flow. Journal of Immunology, 2007, 179, 7800-7807.	0.8	98
159	Role of Galectin-3 in Human Pulmonary Fibrosis. Allergology International, 2007, 56, 57-65.	3.3	184
160	Role of galectin-3 in prion infections of the CNS. Biochemical and Biophysical Research Communications, 2007, 359, 672-678.	2.1	60
161	Altered Expression of Galectin-3 Induces Cortical Thymocyte Depletion and Premature Exit of Immature Thymocytes during Trypanosoma cruzi Infection. American Journal of Pathology, 2007, 170, 546-556.	3.8	55
162	Rosacea: skin innate immunity gone awry?. Nature Medicine, 2007, 13, 904-906.	30.7	59

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163	Galectinâ€3 Stimulates Preadipocyte Proliferation and Is Upâ€regulated in Growing Adipose Tissue. Obesity, 2007, 15, 32-39.	3.0	55
164	Mast Cells and Immunological Skin Diseases. Clinical Reviews in Allergy and Immunology, 2007, 33, 144-155.	6.5	58
165	Dermal Immunopathology: from Genetics to Effector Mechanisms. Clinical Reviews in Allergy and Immunology, 2007, 33, 1-3.	6.5	1
166	The Role of Galectin-3 in Promotion of the Inflammatory Response. Drug News and Perspectives, 2007, 20, 455.	1.5	70
167	Toxoplasma gondii Infection Reveals a Novel Regulatory Role for Galectin-3 in the Interface of Innate and Adaptive Immunity. American Journal of Pathology, 2006, 168, 1910-1920.	3.8	109
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