

Cecilia Garlanda

List of Publications by Year in descending order

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246
papers

28,864
citations

5574

82
h-index

5539

163
g-index

262
all docs

262
docs citations

262
times ranked

33860
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer-related inflammation, the seventh hallmark of cancer: links to genetic instability. <i>Carcinogenesis</i> , 2009, 30, 1073-1081.	2.8	2,335
2	The Interleukin-1 Family: Back to the Future. <i>Immunity</i> , 2013, 39, 1003-1018.	14.3	1,560
3	Central Role for G Protein-Coupled Phosphoinositide 3-Kinase \hat{I}^3 in Inflammation. <i>Science</i> , 2000, 287, 1049-1053.	12.6	1,187
4	PENTRAXINS AT THE CROSSROADS BETWEEN INNATE IMMUNITY, INFLAMMATION, MATRIX DEPOSITION, AND FEMALE FERTILITY. <i>Annual Review of Immunology</i> , 2005, 23, 337-366.	21.8	762
5	AHR drives the development of gut ILC22 cells and postnatal lymphoid tissues via pathways dependent on and independent of Notch. <i>Nature Immunology</i> , 2012, 13, 144-151.	14.5	646
6	Interleukin-1 and Related Cytokines in the Regulation of Inflammation and Immunity. <i>Immunity</i> , 2019, 50, 778-795.	14.3	639
7	Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. <i>Nature</i> , 2002, 420, 182-186.	27.8	636
8	The Yin-Yang of tumor-associated macrophages in neoplastic progression and immune surveillance. <i>Immunological Reviews</i> , 2008, 222, 155-161.	6.0	573
9	An Integrated View of Humoral Innate Immunity: Pentraxins as a Paradigm. <i>Annual Review of Immunology</i> , 2010, 28, 157-183.	21.8	515
10	Tumor associated macrophages and neutrophils in cancer. <i>Immunobiology</i> , 2013, 218, 1402-1410.	1.9	500
11	The humoral pattern recognition receptor PTX3 is stored in neutrophil granules and localizes in extracellular traps. <i>Journal of Experimental Medicine</i> , 2007, 204, 793-804.	8.5	492
12	Heterogeneity of Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 1193-1202.	2.4	445
13	Sexual Dimorphism in Innate Immunity. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 56, 308-321.	6.5	430
14	Complement as a target in COVID-19?. <i>Nature Reviews Immunology</i> , 2020, 20, 343-344.	22.7	426
15	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010, 11, 328-334.	14.5	396
16	PTX3 plays a key role in the organization of the cumulus oophorus extracellular matrix and in in vivo fertilization. <i>Development (Cambridge)</i> , 2004, 131, 1577-1586.	2.5	385
17	Macrophage Diversity and Polarization in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1419-1423.	2.4	372
18	Pathways connecting inflammation and cancer. <i>Current Opinion in Genetics and Development</i> , 2008, 18, 3-10.	3.3	368

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19	Pentraxins in Innate Immunity: From C-Reactive Protein to the Long Pentraxin PTX3. <i>Journal of Clinical Immunology</i> , 2008, 28, 1-13.	3.8	364
20	IL-37 requires the receptors IL-18R α and IL-1R8 (SIGIRR) to carry out its multifaceted anti-inflammatory program upon innate signal transduction. <i>Nature Immunology</i> , 2015, 16, 354-365.	14.5	352
21	Tumor associated macrophages and neutrophils in tumor progression. <i>Journal of Cellular Physiology</i> , 2013, 228, 1404-1412.	4.1	346
22	PTX3 Is an Extrinsic Oncosuppressor Regulating Complement-Dependent Inflammation in Cancer. <i>Cell</i> , 2015, 160, 700-714.	28.9	334
23	Cardioprotective Function of the Long Pentraxin PTX3 in Acute Myocardial Infarction. <i>Circulation</i> , 2008, 117, 1055-1064.	1.6	322
24	Tumor-associated macrophages and the related myeloid-derived suppressor cells as a paradigm of the diversity of macrophage activation. <i>Human Immunology</i> , 2009, 70, 325-330.	2.4	304
25	The long pentraxin PTX3 binds to apoptotic cells and regulates their clearance by antigen-presenting dendritic cells. <i>Blood</i> , 2000, 96, 4300-4306.	1.4	298
26	IL-1 family nomenclature. <i>Nature Immunology</i> , 2010, 11, 973-973.	14.5	294
27	IL-1 and IL-1 regulatory pathways in cancer progression and therapy. <i>Immunological Reviews</i> , 2018, 281, 57-61.	6.0	288
28	Production of the Long Pentraxin PTX3 in Advanced Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, e10-4.	2.4	273
29	Complexity and Complementarity of Outer Membrane Protein A Recognition by Cellular and Humoral Innate Immunity Receptors. <i>Immunity</i> , 2005, 22, 551-560.	14.3	271
30	Deficiency of the Long Pentraxin PTX3 Promotes Vascular Inflammation and Atherosclerosis. <i>Circulation</i> , 2009, 120, 699-708.	1.6	252
31	The first case of COVID-19 treated with the complement C3 inhibitor AMY-101. <i>Clinical Immunology</i> , 2020, 215, 108450.	3.2	252
32	Intestinal inflammation in mice deficient in Tir8, an inhibitory member of the IL-1 receptor family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3522-3526.	7.1	236
33	Neutrophils in innate and adaptive immunity. <i>Seminars in Immunopathology</i> , 2013, 35, 377-394.	6.1	221
34	Extracellular forms of IL-37 inhibit innate inflammation in vitro and in vivo but require the IL-1 family decoy receptor IL-1R8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2497-2502.	7.1	203
35	A General Strategy for Isolation of Endothelial Cells From Murine Tissues. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 1599-1604.	2.4	202
36	Complement C3 vs C5 inhibition in severe COVID-19: Early clinical findings reveal differential biological efficacy. <i>Clinical Immunology</i> , 2020, 220, 108598.	3.2	191

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37	Role of complement and Fc γ 3 receptors in the protective activity of the long pentraxin PTX3 against <i>Aspergillus fumigatus</i> . <i>Blood</i> , 2010, 116, 5170-5180.	1.4	188
38	Inflammation-mediated promotion of invasion and metastasis. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 243-248.	5.9	177
39	IL-1R8 is a checkpoint in NK cells regulating anti-tumour and anti-viral activity. <i>Nature</i> , 2017, 551, 110-114.	27.8	176
40	Neutrophils Driving Unconventional T Cells Mediate Resistance against Murine Sarcomas and Selected Human Tumors. <i>Cell</i> , 2019, 178, 346-360.e24.	28.9	176
41	Production of the soluble pattern recognition receptor PTX3 by myeloid, but not plasmacytoid, dendritic cells. <i>European Journal of Immunology</i> , 2003, 33, 2886-2893.	2.9	173
42	Molecular pathways and targets in cancer-related inflammation. <i>Annals of Medicine</i> , 2010, 42, 161-170.	3.8	165
43	The long pentraxin PTX3 as a prototypic humoral pattern recognition receptor: interplay with cellular innate immunity. <i>Immunological Reviews</i> , 2009, 227, 9-18.	6.0	162
44	PTX3, a Humoral Pattern Recognition Molecule, in Innate Immunity, Tissue Repair, and Cancer. <i>Physiological Reviews</i> , 2018, 98, 623-639.	28.8	160
45	Pentraxins as a key component of innate immunity. <i>Current Opinion in Immunology</i> , 2006, 18, 10-15.	5.5	158
46	Progressive growth in immunodeficient mice and host cell recruitment by mouse endothelial cells transformed by polyoma middle-sized T antigen: implications for the pathogenesis of opportunistic vascular tumors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 7291-7295.	7.1	154
47	Defective dendritic cell migration and activation of adaptive immunity in PI3K δ -deficient mice. <i>EMBO Journal</i> , 2004, 23, 3505-3515.	7.8	146
48	Occurrence and significance of tumor-associated neutrophils in patients with colorectal cancer. <i>International Journal of Cancer</i> , 2016, 139, 446-456.	5.1	141
49	Pentraxins in innate immunity: lessons from PTX3. <i>Cell and Tissue Research</i> , 2011, 343, 237-249.	2.9	138
50	Long Pentraxin 3, a Key Component of Innate Immunity, Is Modulated by High-Density Lipoproteins in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 925-931.	2.4	137
51	The Long Pentraxin PTX3: A Modulator of the Immunoinflammatory Response in Atherosclerosis and Cardiovascular Diseases. <i>Trends in Cardiovascular Medicine</i> , 2010, 20, 35-40.	4.9	136
52	IL-37 Inhibits Inflammasome Activation and Disease Severity in Murine Aspergillosis. <i>PLoS Pathogens</i> , 2014, 10, e1004462.	4.7	136
53	An Alternative Role of C1q in Cell Migration and Tissue Remodeling: Contribution to Trophoblast Invasion and Placental Development. <i>Journal of Immunology</i> , 2010, 185, 4420-4429.	0.8	135
54	The pentraxins PTX3 and SAP in innate immunity, regulation of inflammation and tissue remodelling. <i>Journal of Hepatology</i> , 2016, 64, 1416-1427.	3.7	134

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55	Pentraxin 3 protects from MCMV infection and reactivation through TLR sensing pathways leading to IRF3 activation. <i>Blood</i> , 2006, 108, 3387-3396.	1.4	130
56	Pattern Recognition by Pentraxins. <i>Advances in Experimental Medicine and Biology</i> , 2009, 653, 98-116.	1.6	129
57	Pentraxins, humoral innate immunity and tissue injury. <i>Current Opinion in Immunology</i> , 2008, 20, 538-544.	5.5	128
58	TIR8/SIGIRR: an IL-1R/TLR family member with regulatory functions in inflammation and T cell polarization. <i>Trends in Immunology</i> , 2009, 30, 439-446.	6.8	128
59	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Experimental Medicine</i> , 2015, 212, 905-925.	8.5	128
60	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 712.	4.8	125
61	The tumor microenvironment of colorectal cancer: stromal TLR-4 expression as a potential prognostic marker. <i>Journal of Translational Medicine</i> , 2010, 8, 112.	4.4	120
62	Detrimental and protective action of microglial extracellular vesicles on myelin lesions: astrocyte involvement in remyelination failure. <i>Acta Neuropathologica</i> , 2019, 138, 987-1012.	7.7	120
63	Increased Susceptibility to Colitis-Associated Cancer of Mice Lacking <i>TIR8</i> , an Inhibitory Member of the Interleukin-1 Receptor Family. <i>Cancer Research</i> , 2007, 67, 6017-6021.	0.9	115
64	Elevated maternal levels of the long pentraxin 3 (PTX3) in preeclampsia and intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 1347-1353.	1.3	114
65	Structure and Function of the Long Pentraxin PTX3 Glycosidic Moiety: Fine-Tuning of the Interaction with C1q and Complement Activation. <i>Biochemistry</i> , 2006, 45, 11540-11551.	2.5	113
66	The Humoral Pattern Recognition Molecule PTX3 Is a Key Component of Innate Immunity against Urinary Tract Infection. <i>Immunity</i> , 2014, 40, 621-632.	14.3	111
67	The long pentraxin PTX3 in vascular pathology. <i>Vascular Pharmacology</i> , 2006, 45, 326-330.	2.1	109
68	Pentraxin 3, a non-redundant soluble pattern recognition receptor involved in innate immunity. <i>Vaccine</i> , 2003, 21, S43-S47.	3.8	108
69	Regulation of PTX3, a key component of humoral innate immunity in human dendritic cells: stimulation by IL-10 and inhibition by IFN- γ . <i>Journal of Leukocyte Biology</i> , 2006, 79, 797-802.	3.3	107
70	Damping Excessive Inflammation and Tissue Damage in <i>Mycobacterium tuberculosis</i> Infection by Toll IL-1 Receptor 8/Single Ig IL-1-Related Receptor, a Negative Regulator of IL-1/TLR Signaling. <i>Journal of Immunology</i> , 2007, 179, 3119-3125.	0.8	105
71	Immunohistochemical localization of the murine transferrin receptor (TfR) on blood-tissue barriers using a novel anti-TfR monoclonal antibody. <i>Histochemistry and Cell Biology</i> , 1998, 110, 63-72.	1.7	103
72	Lack of Toll IL-1R8 Exacerbates Th17 Cell Responses in Fungal Infection. <i>Journal of Immunology</i> , 2008, 180, 4022-4031.	0.8	102

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73	Tir8/Sigirr prevents murine lupus by suppressing the immunostimulatory effects of lupus autoantigens. <i>Journal of Experimental Medicine</i> , 2008, 205, 1879-1888.	8.5	102
74	Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. <i>Nature Immunology</i> , 2021, 22, 19-24.	14.5	101
75	Tumor-associated myeloid cells: diversity and therapeutic targeting. <i>Cellular and Molecular Immunology</i> , 2021, 18, 566-578.	10.5	100
76	The Long Pentraxin PTX3 Is Crucial for Tissue Inflammation after Intestinal Ischemia and Reperfusion in Mice. <i>American Journal of Pathology</i> , 2009, 174, 1309-1318.	3.8	96
77	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules. <i>Nature Immunology</i> , 2022, 23, 275-286.	14.5	95
78	Pentraxins in the activation and regulation of innate immunity. <i>Immunological Reviews</i> , 2016, 274, 202-217.	6.0	93
79	Resident Dendritic Cells Prevent Postischemic Acute Renal Failure by Help of Single Ig IL-1 Receptor-Related Protein. <i>Journal of Immunology</i> , 2009, 183, 4109-4118.	0.8	90
80	The long pentraxin PTX3 as a correlate of cancer-related inflammation and prognosis of malignancy in gliomas. <i>Journal of Neuroimmunology</i> , 2013, 260, 99-106.	2.3	88
81	Endogenous and exogenous pentraxin-3 limits postischemic acute and chronic kidney injury. <i>Kidney International</i> , 2013, 83, 647-661.	5.2	87
82	Interleukin 37 reverses the metabolic cost of inflammation, increases oxidative respiration, and improves exercise tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2313-2318.	7.1	87
83	Unique pattern of expression and inhibition of IL-1 signaling by the IL-1 receptor family member TIR8/SIGIRR. <i>European Cytokine Network</i> , 2003, 14, 211-8.	2.0	85
84	PTX3 as a paradigm for the interaction of pentraxins with the Complement system. <i>Seminars in Immunology</i> , 2013, 25, 79-85.	5.6	83
85	The Long Pentraxin PTX3 as a Humoral Innate Immunity Functional Player and Biomarker of Infections and Sepsis. <i>Frontiers in Immunology</i> , 2019, 10, 794.	4.8	83
86	Early and Transient Release of Leukocyte Pentraxin 3 during Acute Myocardial Infarction. <i>Journal of Immunology</i> , 2011, 187, 970-979.	0.8	82
87	The Therapeutic Potential of the Humoral Pattern Recognition Molecule PTX3 in Chronic Lung Infection Caused by <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2011, 186, 5425-5434.	0.8	82
88	Negative regulatory receptors of the IL-1 family. <i>Seminars in Immunology</i> , 2013, 25, 408-415.	5.6	82
89	PTX3 genetic variations affect the risk of <i>Pseudomonas aeruginosa</i> airway colonization in cystic fibrosis patients. <i>Genes and Immunity</i> , 2010, 11, 665-670.	4.1	81
90	Pentraxins: Multifunctional proteins at the interface of innate immunity and inflammation. <i>BioFactors</i> , 2009, 35, 138-145.	5.4	80

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91	Dynamic induction of the long pentraxin PTX3 in the CNS after limbic seizures: evidence for a protective role in seizure-induced neurodegeneration. <i>Neuroscience</i> , 2001, 105, 43-53.	2.3	79
92	The long pentraxin PTX3: a paradigm for humoral pattern recognition molecules. <i>Annals of the New York Academy of Sciences</i> , 2013, 1285, 1-14.	3.8	79
93	Coregulation in human leukocytes of the long pentraxin PTX3 and TSG-6. <i>Journal of Leukocyte Biology</i> , 2009, 86, 123-132.	3.3	77
94	Pentraxin 3 mediates neurogenesis and angiogenesis after cerebral ischaemia. <i>Journal of Neuroinflammation</i> , 2015, 12, 15.	7.2	77
95	Treating experimental arthritis with the innate immune inhibitor interleukin-37 reduces joint and systemic inflammation. <i>Rheumatology</i> , 2016, 55, 2220-2229.	1.9	77
96	Long pentraxin PTX3 is associated with mortality and disease severity in severe Leptospirosis. <i>Journal of Infection</i> , 2009, 58, 425-432.	3.3	74
97	Interactions of the humoral pattern recognition molecule PTX3 with the complement system. <i>Immunobiology</i> , 2012, 217, 1122-1128.	1.9	74
98	Pathogenic NLRP3 Inflammasome Activity during Candida Infection Is Negatively Regulated by IL-22 via Activation of NLRC4 and IL-1Ra. <i>Cell Host and Microbe</i> , 2015, 18, 198-209.	11.0	74
99	IL-1F5 mediates anti-inflammatory activity in the brain through induction of IL-4 following interaction with SIGIRR/TIR8. <i>Journal of Neurochemistry</i> , 2008, 105, 1960-1969.	3.9	73
100	The Acute-Phase Protein PTX3 is an Essential Mediator of Glial Scar Formation and Resolution of Brain Edema after Ischemic Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 480-488.	4.3	73
101	Regulatory Role of IL-1R8 in Immunity and Disease. <i>Frontiers in Immunology</i> , 2016, 7, 149.	4.8	73
102	Tuning inflammation and immunity by the negative regulators IL-1R2 and IL-1R8. <i>Immunological Reviews</i> , 2018, 281, 233-247.	6.0	73
103	Antibody against murine PECAM-1 inhibits tumor angiogenesis in mice. <i>Angiogenesis</i> , 1999, 3, 181-188.	7.2	71
104	Nonredundant role of CCRL2 in lung dendritic cell trafficking. <i>Blood</i> , 2010, 116, 2942-2949.	1.4	71
105	The long pentraxin PTX3 as a link among innate immunity, inflammation, and female fertility. <i>Journal of Leukocyte Biology</i> , 2006, 79, 909-912.	3.3	69
106	Long Pentraxin 3/Tumor Necrosis Factor-Stimulated Gene-6 Interaction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 696-703.	2.4	69
107	The soluble pattern recognition receptor PTX3 links humoral innate and adaptive immune responses by helping marginal zone B cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 2167-2185.	8.5	69
108	Evolution of the Pentraxin Family: The New Entry PTX4. <i>Journal of Immunology</i> , 2010, 184, 5055-5064.	0.8	67

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109	The long pentraxin PTX3 at the crossroads between innate immunity and tissue remodelling. <i>Tissue Antigens</i> , 2011, 77, 271-282.	1.0	67
110	Pathogen Recognition by the Long Pentraxin PTX3. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-15.	3.0	67
111	TIR8/SIGIRR is an Interleukin-1 Receptor/Toll Like Receptor Family Member with Regulatory Functions in Inflammation and Immunity. <i>Frontiers in Immunology</i> , 2012, 3, 322.	4.8	67
112	Long pentraxin as an epithelial stromal fibroblast growth factor targeting inhibitor in prostate cancer. <i>Journal of Pathology</i> , 2013, 230, 228-238.	4.5	64
113	Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. <i>Journal of Investigative Dermatology</i> , 2016, 136, 293-300.	0.7	63
114	The Dual Complexity of PTX3 in Health and Disease: A Balancing Act?. <i>Trends in Molecular Medicine</i> , 2016, 22, 497-510.	6.7	62
115	Extracellular and intracellular decoys in the tuning of inflammatory cytokines and Toll-like receptors: the new entry TIR8/SIGIRR. <i>Journal of Leukocyte Biology</i> , 2004, 75, 738-742.	3.3	61
116	PTX3, a humoral pattern recognition molecule at the interface between microbe and matrix recognition. <i>Current Opinion in Immunology</i> , 2016, 38, 39-44.	5.5	61
117	Different roles of TIR8/Sigirr on toll-like receptor signaling in intrarenal antigen-presenting cells and tubular epithelial cells. <i>Kidney International</i> , 2007, 72, 182-192.	5.2	59
118	Interleukin-1 β and HMGB1 Mediate Hippocampal Dysfunction in SIGIRR-Deficient Mice. <i>Journal of Neuroscience</i> , 2011, 31, 3871-3879.	3.6	59
119	Platelet-macrophage partnership in innate immunity and inflammation. <i>Nature Immunology</i> , 2013, 14, 768-770.	14.5	57
120	Epigenetic regulation of the extrinsic oncosuppressor PTX3 gene in inflammation and cancer. <i>OncImmunology</i> , 2017, 6, e1333215.	4.6	56
121	Influence of Pentraxin 3 (PTX3) Genetic Variants on Myocardial Infarction Risk and PTX3 Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e53030.	2.5	54
122	Complement Dependent Amplification of the Innate Response to a Cognate Microbial Ligand by the Long Pentraxin PTX3. <i>Journal of Immunology</i> , 2007, 179, 6311-6317.	0.8	53
123	Lack of SIGIRR/TIR8 aggravates hydrocarbon oil-induced lupus nephritis. <i>Journal of Pathology</i> , 2010, 220, 596-607.	4.5	53
124	Decoys and Regulatory Receptors of the IL-1/Toll-Like Receptor Superfamily. <i>Frontiers in Immunology</i> , 2013, 4, 180.	4.8	53
125	Innate immunity, hemostasis and matrix remodeling: PTX3 as a link. <i>Seminars in Immunology</i> , 2016, 28, 570-577.	5.6	52
126	Regulation of endothelial cell function by pro- and anti-inflammatory cytokines. <i>Transplantation Proceedings</i> , 1998, 30, 4239-4243.	0.6	51

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127	PTX3 expression in the heart tissues of patients with myocardial infarction and infectious myocarditis. <i>Cardiovascular Pathology</i> , 2011, 20, e27-e35.	1.6	51
128	The "sweet" side of a long pentraxin: how glycosylation affects PTX3 functions in innate immunity and inflammation. <i>Frontiers in Immunology</i> , 2012, 3, 407.	4.8	51
129	Pentraxins in Humoral Innate Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2012, 946, 1-20.	1.6	50
130	The Long Pentraxin PTX3 as a Key Component of Humoral Innate Immunity and a Candidate Diagnostic for Inflammatory Diseases. <i>International Archives of Allergy and Immunology</i> , 2014, 165, 165-178.	2.1	50
131	Prognostic and diagnostic potential of local and circulating levels of pentraxin 3 in lung cancer patients. <i>International Journal of Cancer</i> , 2016, 138, 983-991.	5.1	49
132	SIGIRR/TIR8 is an inhibitor of toll-like receptor signaling in primary human cells and regulates inflammation in models of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 2249-2261.	6.7	47
133	Pentraxins and Atherosclerosis: The Role of PTX3. <i>Current Pharmaceutical Design</i> , 2011, 17, 38-46.	1.9	47
134	The long pentraxin <sc>PTX</sc>3: A prototypical sensor of tissue injury and a regulator of homeostasis. <i>Immunological Reviews</i> , 2017, 280, 112-125.	6.0	47
135	Interleukin-1 in tumor progression, therapy, and prevention. <i>Cancer Cell</i> , 2021, 39, 1023-1027.	16.8	47
136	The Toll-IL-1R Member Tir8/SIGIRR Negatively Regulates Adaptive Immunity against Kidney Grafts. <i>Journal of Immunology</i> , 2009, 183, 4249-4260.	0.8	46
137	Toll-Like Receptor Signaling and SIGIRR in Renal Fibrosis upon Unilateral Ureteral Obstruction. <i>PLoS ONE</i> , 2011, 6, e19204.	2.5	45
138	Lack of the Long Pentraxin PTX3 Promotes Autoimmune Lung Disease but not Glomerulonephritis in Murine Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2011, 6, e20118.	2.5	45
139	Lack of TIR8/SIGIRR triggers progression of chronic lymphocytic leukemia in mouse models. <i>Blood</i> , 2011, 118, 660-669.	1.4	43
140	Role of Toll Interleukin-1 Receptor (IL-1R) 8, a Negative Regulator of IL-1R/Toll-Like Receptor Signaling, in Resistance to Acute Pseudomonas aeruginosa Lung Infection. <i>Infection and Immunity</i> , 2012, 80, 100-109.	2.2	43
141	Cytokine decoy and scavenger receptors as key regulators of immunity and inflammation. <i>Cytokine</i> , 2016, 87, 37-45.	3.2	43
142	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling and $\alpha 1$ -integrin. <i>EMBO Journal</i> , 2019, 38, .	7.8	42
143	Macrophage Control of Inflammation: Negative Pathways of Regulation of Inflammatory Cytokines. <i>Novartis Foundation Symposium</i> , 2008, 234, 120-135.	1.1	41
144	Repeated 5-day cycles of low dose aldesleukin in amyotrophic lateral sclerosis (IMODALS): A phase 2a randomised, double-blind, placebo-controlled trial. <i>EBioMedicine</i> , 2020, 59, 102844.	6.1	41

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145	The soluble pattern recognition receptor pentraxin-3 in innate immunity, inflammation and fertility. <i>Journal of Reproductive Immunology</i> , 2009, 83, 128-133.	1.9	40
146	First trimester PTX3 levels in women who subsequently develop preeclampsia and fetal growth restriction. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009, 88, 846-849.	2.8	39
147	Response of CFTR-Deficient Mice to Long-Term chronic <i>Pseudomonas aeruginosa</i> Infection and PTX3 Therapy. <i>Journal of Infectious Diseases</i> , 2013, 208, 130-138.	4.0	39
148	PTX3 as a potential endothelial dysfunction biomarker for severity of preeclampsia and IUGR. <i>Placenta</i> , 2012, 33, 1039-1044.	1.5	38
149	Pentraxin 3 deficiency protects from the metabolic inflammation associated to diet-induced obesity. <i>Cardiovascular Research</i> , 2019, 115, 1861-1872.	3.8	36
150	Pentraxin 3 recruits complement factor H to protect against oxidative stress-induced complement and inflammasome overactivation. <i>Journal of Pathology</i> , 2016, 240, 495-506.	4.5	35
151	The yin-yang of the interaction between myelomonocytic cells and NK cells. <i>Scandinavian Journal of Immunology</i> , 2018, 88, e12705.	2.7	34
152	Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. <i>Nature Cancer</i> , 2021, 2, 218-232.	13.2	34
153	PTX3 predicts severe disease in febrile patients at the emergency department. <i>Journal of Infection</i> , 2010, 60, 122-127.	3.3	32
154	Role of Pentraxin 3 in Shaping Arthritogenic Alphaviral Disease: From Enhanced Viral Replication to Immunomodulation. <i>PLoS Pathogens</i> , 2015, 11, e1004649.	4.7	32
155	Vascular pentraxin 3 controls arterial thrombosis by targeting collagen and fibrinogen induced platelets aggregation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1182-1190.	3.8	32
156	Lack of IL-1R8 in neurons causes hyperactivation of IL-1 receptor pathway and induces MECP2-dependent synaptic defects. <i>ELife</i> , 2017, 6, .	6.0	32
157	Inflammatory Reaction and Implantation: the New Entries PTX3 and D6. <i>Placenta</i> , 2008, 29, 129-134.	1.5	31
158	Ligands and Receptors of the Interleukin-1 Family in Immunity and Disease. <i>Frontiers in Immunology</i> , 2013, 4, 396.	4.8	31
159	Prototypic Long Pentraxin PTX3 Is Present in Breast Milk, Spreads in Tissues, and Protects Neonate Mice from <i>Pseudomonas aeruginosa</i> Lung Infection. <i>Journal of Immunology</i> , 2013, 191, 1873-1882.	0.8	31
160	Gene and Protein Expression in Response to Different Growth Temperatures and Oxygen Availability in <i>Burkholderia thailandensis</i> . <i>PLoS ONE</i> , 2014, 9, e93009.	2.5	31
161	The immunoproteasome controls the availability of the cardioprotective pattern recognition molecule Pentraxin3. <i>European Journal of Immunology</i> , 2016, 46, 619-633.	2.9	31
162	Expression and function of IL-1R8 (TIR8/SIGIRR), a regulatory member of the IL-1 receptor family in platelets. <i>Cardiovascular Research</i> , 2016, 111, 373-384.	3.8	30

#	ARTICLE	IF	CITATIONS
163	Inflammation and multiple myeloma: the Toll connection. <i>Leukemia</i> , 2006, 20, 937-938.	7.2	29
164	Regulatory pathways in inflammation. <i>Autoimmunity Reviews</i> , 2007, 7, 8-11.	5.8	29
165	Recognition of <i>Neisseria meningitidis</i> by the Long Pentraxin PTX3 and Its Role as an Endogenous Adjuvant. <i>PLoS ONE</i> , 2015, 10, e0120807.	2.5	29
166	Cerebrospinal fluid pentraxin 3 early after subarachnoid hemorrhage is associated with vasospasm. <i>Intensive Care Medicine</i> , 2011, 37, 302-309.	8.2	25
167	Toll IL-1R8/Single Ig IL-1-Related Receptor Regulates Psoriasiform Inflammation through Direct Inhibition of Innate IL-17A Expression by CD^4 T Cells. <i>Journal of Immunology</i> , 2013, 191, 3337-3346.	0.8	25
168	The Long Pentraxin PTX3 in Human Endometrium: Regulation by Steroids and Trophoblast Products. <i>Endocrinology</i> , 2008, 149, 1136-1143.	2.8	24
169	Humoral innate immunity at the crossroad between microbe and matrix recognition: The role of PTX3 in tissue damage. <i>Seminars in Cell and Developmental Biology</i> , 2017, 61, 31-40.	5.0	24
170	High IL-1R8 expression in breast tumors promotes tumor growth and contributes to impaired antitumor immunity. <i>Oncotarget</i> , 2017, 8, 49470-49483.	1.8	24
171	Pentraxin 3 promotes long-term cerebral blood flow recovery, angiogenesis, and neuronal survival after stroke. <i>Journal of Molecular Medicine</i> , 2018, 96, 1319-1332.	3.9	24
172	Absence of Toll-IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptor-Related Molecule Reduces House Dust Mite-Induced Allergic Airway Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 481-490.	2.9	23
173	Pentraxin-3 is upregulated in the central nervous system during MS and EAE, but does not modulate experimental neurological disease. <i>European Journal of Immunology</i> , 2016, 46, 701-711.	2.9	22
174	Cigarette smoke induces PTX3 expression in pulmonary veins of mice in an IL-1 dependent manner. <i>Respiratory Research</i> , 2010, 11, 134.	3.6	21
175	The complement system in <i>Aspergillus fumigatus</i> infections and its crosstalk with pentraxins. <i>FEBS Letters</i> , 2020, 594, 2480-2501.	2.8	20
176	Single Immunoglobulin Interleukin-1 Receptor-Related Molecule Impairs Host Defense during Pneumonia and Sepsis Caused by <i>Streptococcus Pneumoniae</i> . <i>Journal of Innate Immunity</i> , 2014, 6, 542-552.	3.8	19
177	Plasma pentraxin-3 as a marker of bioincompatibility in hemodialysis patients. <i>Journal of Nephrology</i> , 2012, 25, 120-126.	2.0	19
178	Follicular Fluid Levels of the Long Pentraxin PTX3. <i>Journal of the Society for Gynecologic Investigation</i> , 2006, 13, 226-231.	1.7	18
179	The expression pattern of TIR8 is conserved among vertebrates. <i>Veterinary Immunology and Immunopathology</i> , 2009, 131, 44-49.	1.2	18
180	Serum amyloid P component is an essential element of resistance against <i>Aspergillus fumigatus</i> . <i>Nature Communications</i> , 2021, 12, 3739.	12.8	18

#	ARTICLE	IF	CITATIONS
181	MiR-146b Mediates Endotoxin Tolerance in Human Phagocytes. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	3.0	17
182	Pro-inflammatory M1/Th1 type immune network and increased expression of TSG-6 in the eutopic endometrium from women with endometriosis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 218, 99-105.	1.1	17
183	Amyotrophic lateral sclerosis transcriptomics reveals immunological effects of low-dose interleukin-2. <i>Brain Communications</i> , 2021, 3, fcab141.	3.3	17
184	Role of a fluid-phase PRR in fighting an intracellular pathogen: PTX3 in Shigella infection. <i>PLoS Pathogens</i> , 2018, 14, e1007469.	4.7	16
185	Circulating biomarkers and cardiac function over 3 years after chemotherapy with anthracyclines: the ICOS ONE trial. <i>ESC Heart Failure</i> , 2020, 7, 1452-1466.	3.1	16
186	Pentraxins in Innate Immunity and Inflammation. <i>Novartis Foundation Symposium</i> , 0, , 80-91.	1.1	16
187	Monocyte macrophage polarization and recruitment pathways in the tumour microenvironment of B cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2021, 193, 1157-1171.	2.5	15
188	Glucose availability enhances lipopolysaccharide production and immunogenicity in the opportunistic pathogen <i>Acinetobacter baumannii</i> . <i>Future Microbiology</i> , 2016, 11, 335-349.	2.0	14
189	Fluid phase recognition molecules in neutrophil-dependent immune responses. <i>Seminars in Immunology</i> , 2016, 28, 109-118.	5.6	14
190	The Long Pentraxin PTX3 Is an Endogenous Inhibitor of Hyperoxaluria-Related Nephrocalcinosis and Chronic Kidney Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2173.	4.8	14
191	TLR3 preconditioning induces anti-inflammatory and anti-ictogenic effects in mice mediated by the IRF3/IFN- β axis. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 598-607.	4.1	14
192	Editorial: The Role of Pentraxins: From Inflammation, Tissue Repair and Immunity to Biomarkers. <i>Frontiers in Immunology</i> , 2019, 10, 2817.	4.8	14
193	Negative Regulation of the IL-1 System by IL-1R2 and IL-1R8: Relevance in Pathophysiology and Disease. <i>Frontiers in Immunology</i> , 2022, 13, 804641.	4.8	14
194	IL-37 exerts therapeutic effects in experimental autoimmune encephalomyelitis through the receptor complex IL-1R5/IL-1R8. <i>Theranostics</i> , 2021, 11, 1-13.	10.0	13
195	PTX3 orchestrates tissue repair. <i>Oncotarget</i> , 2015, 6, 30435-30436.	1.8	13
196	Long pentraxin PTX3 is upregulated systemically and centrally after experimental neurotrauma, but its depletion leaves unaltered sensorimotor deficits or histopathology. <i>Scientific Reports</i> , 2021, 11, 9616.	3.3	12
197	SIGIRR Negatively Regulates IL-36 Driven Psoriasiform Inflammation and Neutrophil Infiltration in the Skin. <i>Journal of Immunology</i> , 2021, 207, 651-660.	0.8	12
198	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 206.	5.4	12

#	ARTICLE	IF	CITATIONS
199	Anti-tumor activity of cytokines against opportunistic vascular tumors in mice. , 1996, 65, 700-708.		11
200	Extracellular and nuclear roles of IL-37 after spinal cord injury. Brain, Behavior, and Immunity, 2021, 91, 194-201.	4.1	11
201	PTX3 acts as an extrinsic oncosuppressor. Oncotarget, 2015, 6, 32309-32310.	1.8	11
202	A "Multiomic" Approach of Saliva Metabolomics, Microbiota, and Serum Biomarkers to Assess the Need of Hospitalization in Coronavirus Disease 2019. , 2022, 1, 194-209.		11
203	The long pentraxin 3 is a soluble and cell-associated component of the human semen. Journal of Developmental and Physical Disabilities, 2009, 32, 255-264.	3.6	10
204	Clearance of Cell Remnants and Regeneration of Injured Muscle Depend on Soluble Pattern Recognition Receptor PTX3. Molecular Medicine, 2016, 22, 809-820.	4.4	10
205	Intraperitoneal adoptive transfer of mesenchymal stem cells enhances recovery from acid aspiration acute lung injury in mice. Intensive Care Medicine Experimental, 2017, 5, 13.	1.9	10
206	IL1R8 Deficiency Drives Autoimmunity-Associated Lymphoma Development. Cancer Immunology Research, 2019, 7, 874-885.	3.4	10
207	Circulating pentraxin 3 in severe COVID-19 or other pulmonary sepsis. European Journal of Clinical Investigation, 2021, 51, e13530.	3.4	10
208	Complement activation in cancer: Effects on tumor-associated myeloid cells and immunosuppression. Seminars in Immunology, 2022, 60, 101642.	5.6	9
209	The Long Pentraxin PTX3 Controls Klebsiella Pneumoniae Severe Infection. Frontiers in Immunology, 2021, 12, 666198.	4.8	8
210	Complementary Roles of Short and Long Pentraxins in the Complement-Mediated Immune Response to Aspergillus fumigatus Infections. Frontiers in Immunology, 2021, 12, 785883.	4.8	8
211	Chorionic gonadotropin up-regulates long pentraxin 3 expression in myeloid cells. Journal of Leukocyte Biology, 2008, 84, 1346-1352.	3.3	7
212	The long pentraxin PTX3 binds to apoptotic cells and regulates their clearance by antigen-presenting dendritic cells. Blood, 2000, 96, 4300-4306.	1.4	7
213	The Long Pentraxin 3 Contributes to Joint Inflammation in Gout by Facilitating the Phagocytosis of Monosodium Urate Crystals. Journal of Immunology, 2019, 202, 1807-1814.	0.8	7
214	Pentraxin 3 plasma levels at graft-versus-host disease onset predict disease severity and response to therapy in children given haematopoietic stem cell transplantation. Oncotarget, 2016, 7, 82123-82138.	1.8	6
215	Evidence for a DC-Specific Inhibitory Mechanism that Depends on MyD88 and SIGIRR. Scandinavian Journal of Immunology, 2010, 71, 393-402.	2.7	5
216	Optical <i>in vivo</i> imaging detection of preclinical models of gut tumors through the expression of integrin $\alpha V\beta 3$. Oncotarget, 2018, 9, 31380-31396.	1.8	4

#	ARTICLE	IF	CITATIONS
217	Reply to: Hultström et al., Genetic determinants of mannose-binding lectin activity predispose to thromboembolic complications in critical COVID-19. Mannose-binding lectin genetics in COVID-19. <i>Nature Immunology</i> , 2022, 23, 865-867.	14.5	4
218	Membrane and soluble pattern recognition receptors: the unique functions of the long pentraxin PTX3. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 150-154.	0.3	3
219	Interplay between Myeloid Cells and Humoral Innate Immunity. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	3
220	Noncanonical Functions of C1s Complement Its Canonical Functions in Renal Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 855-855.	3.4	3
221	IL-1R8 silencing improves the anti-tumor function of freshly isolated human NK cells. , 2022, 10, e003858.		3
222	The Interleukin-1 Family. , 2016, , 438-446.		2
223	The Yin Yang of Cancer Related Inflammation. , 2011, , 11-16.		2
224	Editorial: Interactions of Pentraxins and Complement in Infection, Inflammation, and Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 861359.	4.8	2
225	Cytokines and Adhesion Molecules in Mesothelial Cell Pathophysiology. , 1999, 3, 271-283.		1
226	Novel Players in Female Fertility: The Long Pentraxin PTX3 and the Chemokine Decoy Receptor D6. <i>Advances in Neuroimmune Biology</i> , 2011, 2, 41-50.	0.7	1
227	Correction: Early and Transient Release of Leukocyte Pentraxin 3 during Acute Myocardial Infarction. <i>Journal of Immunology</i> , 2011, 187, 6582-6582.	0.8	1
228	Bertilaccio MT, Simonetti G, Dagklis A, et al. Lack of TIR8/SIGIRR triggers progression of chronic lymphocytic leukemia in mouse models. <i>Blood</i> . 2011;118(3):660-669. <i>Blood</i> , 2012, 120, 2773-2773.	1.4	1
229	Regulation of Immunity and Disease by the IL-1 Receptor Family Members IL-1R2 and IL-1R8. , 2018, , 225-246.		1
230	The Long Pentraxin PTX3, a Soluble Pattern Recognition Receptor Involved in Innate Immunity, Inflammation and Female Fertility. <i>Current Immunology Reviews</i> , 2006, 2, 319-329.	1.2	1
231	Pentraxin 3 As a Novel Diagnostic and Prognostic Biomarker for Acute GvHD and Fungal Infections in Adult Allogeneic HSCT Recipients. <i>Blood</i> , 2016, 128, 4600-4600.	1.4	1
232	The long pentraxin PTX3: from innate immunity to ischemic heart disorders. <i>International Congress Series</i> , 2004, 1262, 63-66.	0.2	0
233	Tuning of inflammatory cytokines and toll-like receptors by TIR8/SIGIRR, a member of the IL-1 receptor family with unique structure and regulation. , 2006, , 213-222.		0
234	Production of the Long Pentraxin PTX3 by Myeloid Dendritic Cells: Linking Cellular and Humoral Innate Immunity. , 0, , 165-174.		0

#	ARTICLE	IF	CITATIONS
235	Tir8/Sigirr prevents murine lupus by suppressing the immunostimulatory effects of lupus autoantigens. <i>Journal of Experimental Medicine</i> , 2008, 205, 2179-2179.	8.5	0
236	Correction: The Therapeutic Potential of the Humoral Pattern Recognition Molecule PTX3 in Chronic Lung Infection Caused by <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2011, 186, 7273-7273.	0.8	0
237	Pentraxins in the Orchestration of Defense and Tissue Repair during the Acute Phase Response. , 2017, , 1347-1362.		0
238	Interplay between Myeloid Cells and Humoral Innate Immunity. , 2017, , 659-678.		0
239	Pentraxins and Atherosclerosis. , 2012, , 219-237.		0
240	Role Of Long Pentraxin 3 (PTX3) In Wound Closure Induced By Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Blood</i> , 2013, 122, 1220-1220.	1.4	0
241	Phagocytes Are a Source of the Fluid-Phase Pattern Recognition Receptor PTX3: Interplay between Cellular and Humoral Innate Immunity. , 0, , 171-P2.		0
242	Pentraxins. , 2015, , 1-12.		0
243	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Cell Biology</i> , 2015, 209, 2094OIA93.	5.2	0
244	Pentraxins. , 2016, , 1069-1079.		0
245	Interleukin 1 receptor 8 deficiency does not impact atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2022, 0, .	3.4	0
246	Pentraxins in Vascular Pathology: The Role of PTX3. , 0, , 137-154.		0