

Cecilia Garlanda

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236
papers

22,921
citations

75
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148
g-index

262
ext. papers

26,501
ext. citations

9.6
avg, IF

7
L-index

#	Paper	IF	Citations
236	Cancer-related inflammation, the seventh hallmark of cancer: links to genetic instability. <i>Carcinogenesis</i> , 2009 , 30, 1073-81	4.6	1908
235	The interleukin-1 family: back to the future. <i>Immunity</i> , 2013 , 39, 1003-18	32.3	1226
234	Central role for G protein-coupled phosphoinositide 3-kinase gamma in inflammation. <i>Science</i> , 2000 , 287, 1049-53	33.3	1110
233	Pentraxins at the crossroads between innate immunity, inflammation, matrix deposition, and female fertility. <i>Annual Review of Immunology</i> , 2005 , 23, 337-66	34.7	666
232	Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. <i>Nature</i> , 2002 , 420, 182-6	50.4	550
231	AHR drives the development of gut ILC22 cells and postnatal lymphoid tissues via pathways dependent on and independent of Notch. <i>Nature Immunology</i> , 2011 , 13, 144-51	19.1	542
230	The Yin-Yang of tumor-associated macrophages in neoplastic progression and immune surveillance. <i>Immunological Reviews</i> , 2008 , 222, 155-61	11.3	477
229	Tumor associated macrophages and neutrophils in cancer. <i>Immunobiology</i> , 2013 , 218, 1402-10	3.4	414
228	An integrated view of humoral innate immunity: pentraxins as a paradigm. <i>Annual Review of Immunology</i> , 2010 , 28, 157-83	34.7	411
227	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	16.6	408
226	Heterogeneity of endothelial cells. Specific markers. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1193-202	9.4	402
225	Macrophage diversity and polarization in atherosclerosis: a question of balance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1419-23	9.4	325
224	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010 , 11, 328-34	19.1	322
223	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, 1577-86	6.6	319
222	Complement as a target in COVID-19?. <i>Nature Reviews Immunology</i> , 2020 , 20, 343-344	36.5	312
221	Pathways connecting inflammation and cancer. <i>Current Opinion in Genetics and Development</i> , 2008 , 18, 3-10	4.9	312
220	Interleukin-1 and Related Cytokines in the Regulation of Inflammation and Immunity. <i>Immunity</i> , 2019 , 50, 778-795	32.3	307

219	Pentraxins in innate immunity: from C-reactive protein to the long pentraxin PTX3. <i>Journal of Clinical Immunology</i> , 2008 , 28, 1-13	5.7	303
218	Tumor associated macrophages and neutrophils in tumor progression. <i>Journal of Cellular Physiology</i> , 2013 , 228, 1404-12	7	280
217	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, 325-30	2.3	270
216	Cardioprotective function of the long pentraxin PTX3 in acute myocardial infarction. <i>Circulation</i> , 2008 , 117, 1055-64	16.7	270
215	The long pentraxin PTX3 binds to apoptotic cells and regulates their clearance by antigen-presenting dendritic cells. <i>Blood</i> , 2000 , 96, 4300-4306	2.2	270
214	IL-37 requires the receptors IL-18RA and IL-1R8 (SIGIRR) to carry out its multifaceted anti-inflammatory program upon innate signal transduction. <i>Nature Immunology</i> , 2015 , 16, 354-65	19.1	258
213	Sexual Dimorphism in Innate Immunity. <i>Clinical Reviews in Allergy and Immunology</i> , 2019 , 56, 308-321	12.3	254
212	IL-1 family nomenclature. <i>Nature Immunology</i> , 2010 , 11, 973	19.1	236
211	PTX3 is an extrinsic oncosuppressor regulating complement-dependent inflammation in cancer. <i>Cell</i> , 2015 , 160, 700-714	56.2	233
210	Production of the long pentraxin PTX3 in advanced atherosclerotic plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, e10-4	9.4	229
209	Complexity and complementarity of outer membrane protein A recognition by cellular and humoral innate immunity receptors. <i>Immunity</i> , 2005 , 22, 551-60	32.3	226
208	Deficiency of the long pentraxin PTX3 promotes vascular inflammation and atherosclerosis. <i>Circulation</i> , 2009 , 120, 699-708	16.7	225
207	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, 3522-6	11.5	220
206	The first case of COVID-19 treated with the complement C3 inhibitor AMY-101. <i>Clinical Immunology</i> , 2020 , 215, 108450	9	188
205	A general strategy for isolation of endothelial cells from murine tissues. Characterization of two endothelial cell lines from the murine lung and subcutaneous sponge implants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1599-604	9.4	185
204	IL-1 and IL-1 regulatory pathways in cancer progression and therapy. <i>Immunological Reviews</i> , 2018 , 281, 57-61	11.3	184
203	Neutrophils in innate and adaptive immunity. <i>Seminars in Immunopathology</i> , 2013 , 35, 377-94	12	169
202	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, 2497-502	11.5	161

201	Role of complement and Fc{gamma} receptors in the protective activity of the long pentraxin PTX3 against <i>Aspergillus fumigatus</i> . <i>Blood</i> , 2010 , 116, 5170-80	2.2	151
200	Production of the soluble pattern recognition receptor PTX3 by myeloid, but not plasmacytoid, dendritic cells. <i>European Journal of Immunology</i> , 2003 , 33, 2886-93	6.1	151
199	The long pentraxin PTX3 as a prototypic humoral pattern recognition receptor: interplay with cellular innate immunity. <i>Immunological Reviews</i> , 2009 , 227, 9-18	11.3	147
198	Inflammation-mediated promotion of invasion and metastasis. <i>Cancer and Metastasis Reviews</i> , 2010 , 29, 243-8	9.6	146
197	Molecular pathways and targets in cancer-related inflammation. <i>Annals of Medicine</i> , 2010 , 42, 161-70	1.5	144
196	Pentraxins as a key component of innate immunity. <i>Current Opinion in Immunology</i> , 2006 , 18, 10-5	7.8	144
195	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, 7291-5	11.5	139
194	Defective dendritic cell migration and activation of adaptive immunity in PI3Kgamma-deficient mice. <i>EMBO Journal</i> , 2004 , 23, 3505-15	13	131
193	IL-1R8 is a checkpoint in NK cells regulating anti-tumour and anti-viral activity. <i>Nature</i> , 2017 , 551, 110-114	10.4	127
192	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, 925-31	9.4	122
191	TIR8/SIGIRR: an IL-1R/TLR family member with regulatory functions in inflammation and T cell polarization. <i>Trends in Immunology</i> , 2009 , 30, 439-46	14.4	118
190	Pentraxins in innate immunity: lessons from PTX3. <i>Cell and Tissue Research</i> , 2011 , 343, 237-49	4.2	116
189	IL-37 inhibits inflammasome activation and disease severity in murine aspergillosis. <i>PLoS Pathogens</i> , 2014 , 10, e1004462	7.6	114
188	Pattern recognition by pentraxins. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 653, 98-116	3.6	113
187	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	6.9	113
186	Pentraxins, humoral innate immunity and tissue injury. <i>Current Opinion in Immunology</i> , 2008 , 20, 538-44	7.8	111
185	Pentraxin 3 protects from MCMV infection and reactivation through TLR sensing pathways leading to IRF3 activation. <i>Blood</i> , 2006 , 108, 3387-96	2.2	109
184	Increased susceptibility to colitis-associated cancer of mice lacking TIR8, an inhibitory member of the interleukin-1 receptor family. <i>Cancer Research</i> , 2007 , 67, 6017-21	10.1	108

183	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, 4420-9	5.3	107
182	Occurrence and significance of tumor-associated neutrophils in patients with colorectal cancer. <i>International Journal of Cancer</i> , 2016 , 139, 446-56	7.5	107
181	The pentraxins PTX3 and SAP in innate immunity, regulation of inflammation and tissue remodelling. <i>Journal of Hepatology</i> , 2016 , 64, 1416-27	13.4	106
180	The tumor microenvironment of colorectal cancer: stromal TLR-4 expression as a potential prognostic marker. <i>Journal of Translational Medicine</i> , 2010 , 8, 112	8.5	105
179	Complement C3 vs C5 inhibition in severe COVID-19: Early clinical findings reveal differential biological efficacy. <i>Clinical Immunology</i> , 2020 , 220, 108598	9	105
178	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, 1347-53	6.4	103
177	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, 11540-51	3.2	100
176	Pentraxin 3, a non-redundant soluble pattern recognition receptor involved in innate immunity. <i>Vaccine</i> , 2003 , 21 Suppl 2, S43-7	4.1	98
175	Regulation of PTX3, a key component of humoral innate immunity in human dendritic cells: stimulation by IL-10 and inhibition by IFN-gamma. <i>Journal of Leukocyte Biology</i> , 2006 , 79, 797-802	6.5	97
174	Tir8/Sigirr prevents murine lupus by suppressing the immunostimulatory effects of lupus autoantigens. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1879-88	16.6	96
173	The long pentraxin PTX3 in vascular pathology. <i>Vascular Pharmacology</i> , 2006 , 45, 326-30	5.9	92
172	Lack of Toll IL-1R8 exacerbates Th17 cell responses in fungal infection. <i>Journal of Immunology</i> , 2008 , 180, 4022-31	5.3	91
171	Damping excessive inflammation and tissue damage in Mycobacterium tuberculosis 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, 3119-25	5.3	88
170	Neutrophils Driving Unconventional T Cells Mediate Resistance against Murine Sarcomas and Selected Human Tumors. <i>Cell</i> , 2019 , 178, 346-360.e24	56.2	86
169	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Experimental Medicine</i> , 2015 , 212, 905-25	16.6	86
168	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, 4109-18	5.3	84
167	PTX3, a Humoral Pattern Recognition Molecule, in Innate Immunity, Tissue Repair, and Cancer. <i>Physiological Reviews</i> , 2018 , 98, 623-639	47.9	81
166	The humoral pattern recognition molecule PTX3 is a key component of innate immunity against urinary tract infection. <i>Immunity</i> , 2014 , 40, 621-32	32.3	81

165	The long pentraxin PTX3 is crucial for tissue inflammation after intestinal ischemia and reperfusion in mice. <i>American Journal of Pathology</i> , 2009 , 174, 1309-18	5.8	81
164	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	2.4	81
163	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	3.3	80
162	Tir8/Sigirr prevents murine lupus by suppressing the immunostimulatory effects of lupus autoantigens. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2179-2179	16.6	78
161	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	3.9	75
160	PTX3 genetic variations affect the risk of <i>Pseudomonas aeruginosa</i> airway colonization in cystic fibrosis patients. <i>Genes and Immunity</i> , 2010 , 11, 665-70	4.4	74
159	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	6.5	71
158	Pentraxins: multifunctional proteins at the interface of innate immunity and inflammation. <i>BioFactors</i> , 2009 , 35, 138-45	6.1	70
157	Endogenous and exogenous pentraxin-3 limits postischemic acute and chronic kidney injury. <i>Kidney International</i> , 2013 , 83, 647-61	9.9	68
156	Detrimental and protective action of microglial extracellular vesicles on myelin lesions: astrocyte involvement in remyelination failure. <i>Acta Neuropathologica</i> , 2019 , 138, 987-1012	14.3	67
155	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	3.5	67
154	Coregulation in human leukocytes of the long pentraxin PTX3 and TSG-6. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 123-32	6.5	66
153	Antibody against murine PECAM-1 inhibits tumor angiogenesis in mice. <i>Angiogenesis</i> , 1999 , 3, 181-8	10.6	66
152	Negative regulatory receptors of the IL-1 family. <i>Seminars in Immunology</i> , 2013 , 25, 408-15	10.7	65
151	Early and transient release of leukocyte pentraxin 3 during acute myocardial infarction. <i>Journal of Immunology</i> , 2011 , 187, 970-9	5.3	65
150	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, 5425-34	5.3	65
149	Long pentraxin PTX3 is associated with mortality and disease severity in severe Leptospirosis. <i>Journal of Infection</i> , 2009 , 58, 425-32	18.9	64
148	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, 1960-9	6	63

147	Pentraxins in the activation and regulation of innate immunity. <i>Immunological Reviews</i> , 2016 , 274, 202-217.3	62
146	PTX3 as a paradigm for the interaction of pentraxins with the complement system. <i>Seminars in Immunology</i> , 2013 , 25, 79-85	10.7 62
145	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	11.5 60
144	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	23.4 60
143	Pathogen recognition by the long pentraxin PTX3. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 830421	60
142	The long pentraxin PTX3 as a link among innate immunity, inflammation, and female fertility. <i>Journal of Leukocyte Biology</i> , 2006 , 79, 909-12	6.5 59
141	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, 480-8	7.3 58
140	Treating experimental arthritis with the innate immune inhibitor interleukin-37 reduces joint and systemic inflammation. <i>Rheumatology</i> , 2016 , 55, 2220-2229	3.9 56
139	Evolution of the pentraxin family: the new entry PTX4. <i>Journal of Immunology</i> , 2010 , 184, 5055-64	5.3 56
138	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	8.4 56
137	Nonredundant role of CCRL2 in lung dendritic cell trafficking. <i>Blood</i> , 2010 , 116, 2942-9	2.2 56
136	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, 738-42	6.5 55
135	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. <i>Frontiers in Immunology</i> , 2019 , 10, 712	8.4 54
134	Long pentraxin 3/tumor necrosis factor-stimulated gene-6 interaction: a biological rheostat for fibroblast growth factor 2-mediated angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 696-703	9.4 54
133	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, 182-92	9.9 54
132	The long pentraxin PTX3 at the crossroads between innate immunity and tissue remodelling. <i>Tissue Antigens</i> , 2011 , 77, 271-82	53
131	Interleukin-1alpha and HMGB1 mediate hippocampal dysfunction in SIGIRR-deficient mice. <i>Journal of Neuroscience</i> , 2011 , 31, 3871-9	6.6 52
130	Pentraxin 3 mediates neurogenesis and angiogenesis after cerebral ischaemia. <i>Journal of Neuroinflammation</i> , 2015 , 12, 15	10.1 51

129	Interactions of the humoral pattern recognition molecule PTX3 with the complement system. <i>Immunobiology</i> , 2012 , 217, 1122-8	3.4	51
128	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, 2167-85	16.6	50
127	Lack of SIGIRR/TIR8 aggravates hydrocarbon oil-induced lupus nephritis. <i>Journal of Pathology</i> , 2010 , 220, 596-607	9.4	50
126	Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 293-300	4.3	49
125	Decoys and Regulatory "Receptors" of the IL-1/Toll-Like Receptor Superfamily. <i>Frontiers in Immunology</i> , 2013 , 4, 180	8.4	49
124	Tuning inflammation and immunity by the negative regulators IL-1R2 and IL-1R8. <i>Immunological Reviews</i> , 2018 , 281, 233-247	11.3	48
123	Influence of pentraxin 3 (PTX3) genetic variants on myocardial infarction risk and PTX3 plasma levels. <i>PLoS ONE</i> , 2012 , 7, e53030	3.7	48
122	Long pentraxin-3 as an epithelial-stromal fibroblast growth factor-targeting inhibitor in prostate cancer. <i>Journal of Pathology</i> , 2013 , 230, 228-38	9.4	48
121	Platelet-macrophage partnership in innate immunity and inflammation. <i>Nature Immunology</i> , 2013 , 14, 768-70	19.1	47
120	Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. <i>Nature Immunology</i> , 2021 , 22, 19-24	19.1	47
119	Regulation of endothelial cell function by pro- and anti-inflammatory cytokines. <i>Transplantation Proceedings</i> , 1998 , 30, 4239-43	1.1	46
118	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, 165-78	3.7	44
117	The Toll-IL-1R member Tir8/SIGIRR negatively regulates adaptive immunity against kidney grafts. <i>Journal of Immunology</i> , 2009 , 183, 4249-60	5.3	44
116	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	8.4	43
115	Complement dependent amplification of the innate response to a cognate microbial ligand by the long pentraxin PTX3. <i>Journal of Immunology</i> , 2007 , 179, 6311-7	5.3	43
114	Pentraxins in humoral innate immunity. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 946, 1-20	3.6	42
113	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	3.7	42
112	Regulatory Role of IL-1R8 in Immunity and Disease. <i>Frontiers in Immunology</i> , 2016 , 7, 149	8.4	42

111	The Dual Complexity of PTX3 in Health and Disease: A Balancing Act?. <i>Trends in Molecular Medicine</i> , 2016 , 22, 497-510	11.5	42
110	Pentraxins and atherosclerosis: the role of PTX3. <i>Current Pharmaceutical Design</i> , 2011 , 17, 38-46	3.3	41
109	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	8.4	40
108	PTX3 expression in the heart tissues of patients with myocardial infarction and infectious myocarditis. <i>Cardiovascular Pathology</i> , 2011 , 20, e27-35	3.8	40
107	Lack of TIR8/SIGIRR triggers progression of chronic lymphocytic leukemia in mouse models. <i>Blood</i> , 2011 , 118, 660-9	2.2	40
106	SIGIRR/TIR-8 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, 2249-61		40
105	PTX3 as a potential endothelial dysfunction biomarker for severity of preeclampsia and IUGR. <i>Placenta</i> , 2012 , 33, 1039-44	3.4	38
104	First trimester PTX3 levels in women who subsequently develop preeclampsia and fetal growth restriction. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009 , 88, 846-9	3.8	37
103	Role of Toll interleukin-1 receptor (IL-1R) 8, a negative regulator of IL-1R/Toll-like receptor signaling, in resistance to acute <i>Pseudomonas aeruginosa</i> lung infection. <i>Infection and Immunity</i> , 2012 , 80, 100-9	3.7	37
102	The soluble pattern recognition receptor pentraxin-3 in innate immunity, inflammation and fertility. <i>Journal of Reproductive Immunology</i> , 2009 , 83, 128-33	4.2	36
101	Toll-like receptor signaling and SIGIRR in renal fibrosis upon unilateral ureteral obstruction. <i>PLoS ONE</i> , 2011 , 6, e19204	3.7	36
100	Innate immunity, hemostasis and matrix remodeling: PTX3 as a link. <i>Seminars in Immunology</i> , 2016 , 28, 570-577	10.7	36
99	PTX3, a humoral pattern recognition molecule at the interface between microbe and matrix recognition. <i>Current Opinion in Immunology</i> , 2016 , 38, 39-44	7.8	35
98	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, 130-8	7	34
97	The long pentraxin PTX3: A prototypical sensor of tissue injury and a regulator of homeostasis. <i>Immunological Reviews</i> , 2017 , 280, 112-125	11.3	33
96	Prognostic and diagnostic potential of local and circulating levels of pentraxin 3 in lung cancer patients. <i>International Journal of Cancer</i> , 2016 , 138, 983-91	7.5	33
95	Macrophage control of inflammation: negative pathways of regulation of inflammatory cytokines. <i>Novartis Foundation Symposium</i> , 2001 , 234, 120-31; discussion 131-5		30
94	PTX3 predicts severe disease in febrile patients at the emergency department. <i>Journal of Infection</i> , 2010 , 60, 122-7	18.9	29

93	Inflammatory reaction and implantation: the new entries PTX3 and D6. <i>Placenta</i> , 2008 , 29 Suppl B, 129-34	34	27
92	Regulatory pathways in inflammation. <i>Autoimmunity Reviews</i> , 2007 , 7, 8-11	13.6	27
91	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, 1182-90	6.9	27
90	Cytokine decoy and scavenger receptors as key regulators of immunity and inflammation. <i>Cytokine</i> , 2016 , 87, 37-45	4	26
89	Tumor-associated myeloid cells: diversity and therapeutic targeting. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 566-578	15.4	26
88	Epigenetic regulation of the extrinsic oncosuppressor PTX3 gene in inflammation and cancer. <i>Oncolmmunology</i> , 2017 , 6, e1333215	7.2	25
87	The yin-yang of the interaction between myelomonocytic cells and NK cells. <i>Scandinavian Journal of Immunology</i> , 2018 , 88, e12705	3.4	25
86	Recognition of Neisseria meningitidis by the long pentraxin PTX3 and its role as an endogenous adjuvant. <i>PLoS ONE</i> , 2015 , 10, e0120807	3.7	25
85	Prototypic long pentraxin PTX3 is present in breast milk, spreads in tissues, and protects neonate mice from Pseudomonas aeruginosa lung infection. <i>Journal of Immunology</i> , 2013 , 191, 1873-82	5.3	24
84	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	9.4	24
83	Role of pentraxin 3 in shaping arthritogenic alphaviral disease: from enhanced viral replication to immunomodulation. <i>PLoS Pathogens</i> , 2015 , 11, e1004649	7.6	23
82	Lack of IL-1R8 in neurons causes hyperactivation of IL-1 receptor pathway and induces MECP2-dependent synaptic defects. <i>ELife</i> , 2017 , 6,	8.9	23
81	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling and α -integrin. <i>EMBO Journal</i> , 2019 , 38,	13	23
80	The long pentraxin PTX3 in human endometrium: regulation by steroids and trophoblast products. <i>Endocrinology</i> , 2008 , 149, 1136-43	4.8	21
79	The immunoproteasome controls the availability of the cardioprotective pattern recognition molecule Pentraxin3. <i>European Journal of Immunology</i> , 2016 , 46, 619-33	6.1	21
78	Toll IL-1R8/single Ig IL-1-related receptor regulates psoriasiform inflammation through direct inhibition of innate IL-17A expression by γ T cells. <i>Journal of Immunology</i> , 2013 , 191, 3337-46	5.3	20
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