

Barbara Bottazzi

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196
papers

14,321
citations

63
h-index

117
g-index

207
ext. papers

16,064
ext. citations

7.3
avg, IF

5.91
L-index

#	Paper	IF	Citations
196	The origin and function of tumor-associated macrophages. <i>Trends in Immunology</i> , 1992 , 13, 265-70		861
195	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
194	Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. <i>Nature</i> , 2002 , 420, 182-6	50.4	550
193	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective NF-kappaB and enhanced IRF-3/STAT1 activation). <i>Blood</i> , 2006 , 107, 2112-22	2.2	542
192	An integrated view of humoral innate immunity: pentraxins as a paradigm. <i>Annual Review of Immunology</i> , 2010 , 28, 157-83	34.7	411
191	Autocrine production of IL-10 mediates defective IL-12 production and NF-kappa B activation in tumor-associated macrophages. <i>Journal of Immunology</i> , 2000 , 164, 762-7	5.3	358
190	p50 nuclear factor-kappaB overexpression in tumor-associated macrophages inhibits M1 inflammatory responses and antitumor resistance. <i>Cancer Research</i> , 2006 , 66, 11432-40	10.1	339
189	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010 , 11, 328-34	19.1	322
188	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
187	Interleukin-1-inducible genes in endothelial cells. Cloning of a new gene related to C-reactive protein and serum amyloid P component.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 22190-22197	5.4	305
186	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
185	Multimer formation and ligand recognition by the long pentraxin PTX3. Similarities and differences with the short pentraxins C-reactive protein and serum amyloid P component. <i>Journal of Biological Chemistry</i> , 1997 , 272, 32817-23	5.4	301
184	Regulation of the macrophage content of neoplasms by chemoattractants. <i>Science</i> , 1983 , 220, 210-2	33.3	293
183	Interleukin-1-inducible genes in endothelial cells. Cloning of a new gene related to C-reactive protein and serum amyloid P component. <i>Journal of Biological Chemistry</i> , 1992 , 267, 22190-7	5.4	284
182	Biochemical and functional characterization of the interaction between pentraxin 3 and C1q. <i>European Journal of Immunology</i> , 2003 , 33, 465-73	6.1	279
181	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
180	Circulating levels of the long pentraxin PTX3 correlate with severity of infection in critically ill patients. <i>Critical Care Medicine</i> , 2001 , 29, 1404-7	1.4	262

179	Production of the long pentraxin PTX3 in advanced atherosclerotic plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, e10-4	9.4	229
178	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
177	Inducible expression of PTX3, a new member of the pentraxin family, in human mononuclear phagocytes. <i>Blood</i> , 1994 , 84, 3483-3493	2.2	225
176	Selective recognition of fibroblast growth factor-2 by the long pentraxin PTX3 inhibits angiogenesis. <i>Blood</i> , 2004 , 104, 92-9	2.2	157
175	Monocyte chemotactic cytokine gene transfer modulates macrophage infiltration, growth, and susceptibility to IL-2 therapy of a murine melanoma. <i>Journal of Immunology</i> , 1992 , 148, 1280-5	5.3	154
174	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
173	Antiviral activity of the long chain pentraxin PTX3 against influenza viruses. <i>Journal of Immunology</i> , 2008 , 180, 3391-8	5.3	151
172	Binding of the long pentraxin PTX3 to factor H: interacting domains and function in the regulation of complement activation. <i>Journal of Immunology</i> , 2008 , 181, 8433-40	5.3	149
171	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
170	Pentraxins as a key component of innate immunity. <i>Current Opinion in Immunology</i> , 2006 , 18, 10-5	7.8	144
169	Inflammation and thrombosis in essential thrombocythemia and polycythemia vera: different role of C-reactive protein and pentraxin 3. <i>Haematologica</i> , 2011 , 96, 315-8	6.6	126
168	The signal transduction pathway involved in the migration induced by a monocyte chemotactic cytokine. <i>Journal of Immunology</i> , 1991 , 147, 2215-21	5.3	122
167	Defective expression of the monocyte chemotactic protein-1 receptor CCR2 in macrophages associated with human ovarian carcinoma. <i>Journal of Immunology</i> , 2000 , 164, 733-8	5.3	121
166	Pentraxins in innate immunity: lessons from PTX3. <i>Cell and Tissue Research</i> , 2011 , 343, 237-49	4.2	116
165	Pattern recognition by pentraxins. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 653, 98-116	3.6	113
164	PTX3 interacts with inter-alpha-trypsin inhibitor: implications for hyaluronan organization and cumulus oophorus expansion. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30161-70	5.4	112
163	Pentraxins, humoral innate immunity and tissue injury. <i>Current Opinion in Immunology</i> , 2008 , 20, 538-44	7.8	111
162	Interaction of C1q with IgG1, C-reactive protein and pentraxin 3: mutational studies using recombinant globular head modules of human C1q A, B, and C chains. <i>Biochemistry</i> , 2006 , 45, 4093-104	3.2	108

161	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
160	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
159	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
158	Structural characterization of PTX3 disulfide bond network and its multimeric status in cumulus matrix organization. <i>Journal of Biological Chemistry</i> , 2008 , 283, 10147-61	5.4	95
157	Identification of an antiangiogenic FGF2-binding site in the N terminus of the soluble pattern recognition receptor PTX3. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22605-13	5.4	93
156	The long pentraxin PTX3 in vascular pathology. <i>Vascular Pharmacology</i> , 2006 , 45, 326-30	5.9	92
155	Monocyte function in intravenous drug abusers with lymphadenopathy syndrome and in patients with acquired immunodeficiency syndrome: selective impairment of chemotaxis. <i>Clinical and Experimental Immunology</i> , 1985 , 62, 136-42	6.2	92
154	Pandemic H1N1 influenza A viruses are resistant to the antiviral activities of innate immune proteins of the collectin and pentraxin superfamilies. <i>Journal of Immunology</i> , 2010 , 185, 4284-91	5.3	89
153	Membrane fluidity affects tumor-cell motility, invasion and lung-colonizing potential. <i>International Journal of Cancer</i> , 1989 , 44, 707-13	7.5	89
152	The long pentraxin PTX3 binds to apoptotic cells and regulates their clearance by antigen-presenting dendritic cells. <i>Blood</i> , 2000 , 96, 4300-6	2.2	87
151	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
150	Human renal epithelial cells produce the long pentraxin PTX3. <i>Kidney International</i> , 2005 , 67, 543-53	9.9	84
149	The angiogenic inhibitor long pentraxin PTX3 forms an asymmetric octamer with two binding sites for FGF2. <i>Journal of Biological Chemistry</i> , 2010 , 285, 17681-92	5.4	83
148	Inducible expression of PTX3, a new member of the pentraxin family, in human mononuclear phagocytes. <i>Blood</i> , 1994 , 84, 3483-93	2.2	82
147	PTX3, a Humoral Pattern Recognition Molecule, in Innate Immunity, Tissue Repair, and Cancer. <i>Physiological Reviews</i> , 2018 , 98, 623-639	47.9	81
146	Pentraxin 3 inhibits fibroblast growth factor 2-dependent activation of smooth muscle cells in vitro and neointima formation in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1837-42	9.4	79
145	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
144	Pentraxin-3 in chronic heart failure: the CORONA and GISSI-HF trials. <i>European Journal of Heart Failure</i> , 2012 , 14, 992-9	12.3	72

143	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
142	Pentraxins: multifunctional proteins at the interface of innate immunity and inflammation. <i>BioFactors</i> , 2009 , 35, 138-45	6.1	70
141	A chemoattractant expressed in human sarcoma cells (tumor-derived chemotactic factor, TDCF) is identical to monocyte chemoattractant protein-1/monocyte chemotactic and activating factor (MCP-1/MCAF). <i>International Journal of Cancer</i> , 1990 , 45, 795-7	7.5	69
140	Cell-specific regulation of PTX3 by glucocorticoid hormones in hematopoietic and nonhematopoietic cells. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29983-92	5.4	67
139	Endogenous PTX3 translocates at the membrane of late apoptotic human neutrophils and is involved in their engulfment by macrophages. <i>Cell Death and Differentiation</i> , 2009 , 16, 465-74	12.7	66
138	Inducible expression of the long pentraxin PTX3 in the central nervous system. <i>Journal of Neuroimmunology</i> , 2000 , 106, 87-94	3.5	66
137	Failure to detect production of IL-10 by activated human neutrophils. <i>Nature Immunology</i> , 2011 , 12, 1017-8; author reply 1018-20	19.1	65
136	Early and transient release of leukocyte pentraxin 3 during acute myocardial infarction. <i>Journal of Immunology</i> , 2011 , 187, 970-9	5.3	65
135	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
134	Macrophage infiltration and growth of sarcoma clones expressing different amounts of monocyte chemotactic protein/JE. <i>International Journal of Cancer</i> , 1991 , 49, 431-5	7.5	64
133	Pentraxins in the activation and regulation of innate immunity. <i>Immunological Reviews</i> , 2016 , 274, 202-217.3	11.3	62
132	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
131	Aging, inflammation and cancer. <i>Seminars in Immunology</i> , 2018 , 40, 74-82	10.7	61
130	Pathogen recognition by the long pentraxin PTX3. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 830421		60
129	Impairment of cytokine production in mice fed a vitamin D3-deficient diet. <i>Immunology</i> , 1991 , 73, 466-71.8	17.8	60
128	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
127	Increased levels of serum pentraxin 3, a novel cardiovascular biomarker, in patients with inflammatory rheumatic disease. <i>Arthritis Care and Research</i> , 2010 , 62, 378-85	4.7	58
126	Granulocyte colony-stimulating factor (G-CSF) gene transduction in murine adenocarcinoma drives neutrophil-mediated tumor inhibition in vivo. Neutrophils discriminate between G-CSF-producing and G-CSF-nonproducing tumor cells. <i>Journal of Immunology</i> , 1992 , 149, 113-9	5.3	58

125	The yin-yang of long pentraxin PTX3 in inflammation and immunity. <i>Immunology Letters</i> , 2014 , 161, 38-43.	4.1	57
124	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
123	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
122	The long pentraxin PTX3 at the crossroads between innate immunity and tissue remodelling. <i>Tissue Antigens</i> , 2011 , 77, 271-82		53
121	Tumor-derived chemotactic factor(s) from human ovarian carcinoma: evidence for a role in the regulation of macrophage content of neoplastic tissues. <i>International Journal of Cancer</i> , 1985 , 36, 167-73.	7.5	53
120	Interactions of the humoral pattern recognition molecule PTX3 with the complement system. <i>Immunobiology</i> , 2012 , 217, 1122-8	3.4	51
119	Pentraxin 3 in Cardiovascular Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 823	8.4	50
118	Systemic pentraxin-3 levels reflect vascular enhancement and progression in Takayasu arteritis. <i>Arthritis Research and Therapy</i> , 2014 , 16, 479	5.7	50
117	Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 293-300	4.3	49
116	Pentraxin-3 as a marker of advanced atherosclerosis results from the Bruneck, ARMY and ARFY Studies. <i>PLoS ONE</i> , 2012 , 7, e31474	3.7	49
115	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
114	Chemotactic activity for mononuclear phagocytes of culture supernatants from murine and human tumor cells: evidence for a role in the regulation of the macrophage content of neoplastic tissues. <i>International Journal of Cancer</i> , 1983 , 31, 55-63	7.5	48
113	Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. <i>Nature Immunology</i> , 2021 , 22, 19-24	19.1	47
112	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. <i>Nature Immunology</i> , 2019 , 20, 1012-1022	19.1	45
111	Pentraxin 3 in patients with severe sepsis or shock: the ALBIOS trial. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 73-83	4.6	45
110	Increased peripheral benzodiazepine binding sites and pentraxin 3 expression in the spinal cord during EAE: relation to inflammatory cytokines and modulation by dexamethasone and rolipram. <i>Journal of Neuroimmunology</i> , 2000 , 109, 105-11	3.5	44
109	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
108	PTX3 binds MD-2 and promotes TRIF-dependent immune protection in aspergillosis. <i>Journal of Immunology</i> , 2014 , 193, 2340-8	5.3	43

107	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
106	Pentraxins in humoral innate immunity. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 946, 1-20	3.6	42
105	Augmentation of c-fos mRNA expression by activators of protein kinase C in fresh, terminally differentiated resting macrophages. <i>Molecular and Cellular Biology</i> , 1987 , 7, 595-9	4.8	42
104	Pentraxins and atherosclerosis: the role of PTX3. <i>Current Pharmaceutical Design</i> , 2011 , 17, 38-46	3.3	41
103	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
102	Multiplexed label-free optical biosensor for medical diagnostics. <i>Journal of Biomedical Optics</i> , 2014 , 19, 17006	3.5	39
101	A paracrine circuit in the regulation of the proliferation of macrophages infiltrating murine sarcomas. <i>Journal of Immunology</i> , 1990 , 144, 2409-12	5.3	39
100	Alveolar pentraxin 3 as an early marker of microbiologically confirmed pneumonia: a threshold-finding prospective observational study. <i>Critical Care</i> , 2014 , 18, 562	10.8	36
99	Serum amyloid P is a sialylated glycoprotein inhibitor of influenza A viruses. <i>PLoS ONE</i> , 2013 , 8, e59623	3.7	36
98	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
97	In vitro migration of human large granular lymphocytes. <i>Journal of Immunology</i> , 1985 , 134, 2316-21	5.3	33
96	Driver mutations (JAK2V617F, MPLW515L/K or CALR), pentraxin-3 and C-reactive protein in essential thrombocythemia and polycythemia vera. <i>Journal of Hematology and Oncology</i> , 2017 , 10, 54	22.4	30
95	Origin and regulation of tumor-associated macrophages: the role of tumor-derived chemotactic factor. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1986 , 865, 59-67	11.2	30
94	The Long Pentraxin 3 Plays a Role in Bone Turnover and Repair. <i>Frontiers in Immunology</i> , 2018 , 9, 417	8.4	28
93	Effect of hydrocortisone on the macrophage content, growth and metastasis of transplanted murine tumors. <i>International Journal of Cancer</i> , 1984 , 33, 95-105	7.5	28
92	Inflammatory Long Pentraxin 3 is Associated with Leukocyte Telomere Length in Night-Shift Workers. <i>Frontiers in Immunology</i> , 2017 , 8, 516	8.4	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	A single amino acid substitution in the hemagglutinin of H3N2 subtype influenza A viruses is associated with resistance to the long pentraxin PTX3 and enhanced virulence in mice. <i>Journal of Immunology</i> , 2014 , 192, 271-81	5.3	26

89	Pentraxin 3 (PTX3) plasma levels and carotid intima media thickness progression in the general population. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 518-23	4.5	26
88	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
87	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
86	Pentraxin 3 (PTX3) inhibits plasma cell/stromal cell cross-talk in the bone marrow of multiple myeloma patients. <i>Journal of Pathology</i> , 2013 , 229, 87-98	9.4	23
85	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling and α -integrin. <i>EMBO Journal</i> , 2019 , 38,	13	23
84	Coronary Inflammation by Computed Tomography Pericoronary Fat Attenuation in MINOCA and Tako-Tsubo Syndrome. <i>Journal of the American Heart Association</i> , 2019 , 8, e013235	6	22
83	Identification of MIP-1 alpha/LD78 as a monocyte chemoattractant released by the HTLV-I-transformed cell line MT4. <i>AIDS Research and Human Retroviruses</i> , 1995 , 11, 155-60	1.6	22
82	Detection of Anti-Pentraxin-3 Autoantibodies in ANCA-Associated Vasculitis. <i>PLoS ONE</i> , 2016 , 11, e0147091	9.1	22
81	Monocyte chemotactic protein-1 (MCP-1): signal transduction and involvement in the regulation of macrophage traffic in normal and neoplastic tissues. <i>Advances in Experimental Medicine and Biology</i> , 1993 , 351, 47-54	3.6	22
80	Cytokine regulation of tumour-associated macrophages. <i>Research in Immunology</i> , 1993 , 144, 280-3; discussion 294-8		21
79	Proteolytic cleavage of the long pentraxin PTX3 in the airways of cystic fibrosis patients. <i>Innate Immunity</i> , 2013 , 19, 611-22	2.7	19
78	Plasma pentraxin-3 as a marker of bioincompatibility in hemodialysis patients. <i>Journal of Nephrology</i> , 2012 , 25, 120-6	4.8	18
77	Structural and Functional Characterization of a Single-Chain Form of the Recognition Domain of Complement Protein C1q. <i>Frontiers in Immunology</i> , 2016 , 7, 79	8.4	18
76	Endothelial cell-derived pentraxin 3 limits the vasoreparative therapeutic potential of circulating angiogenic cells. <i>Cardiovascular Research</i> , 2016 , 112, 677-688	9.9	18
75	Elevations of inflammatory markers PTX3 and sST2 after resuscitation from cardiac arrest are associated with multiple organ dysfunction syndrome and early death. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 1847-57	5.9	17
74	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, 701-11	6.1	16
73	Plasma levels of pentraxin-3, an acute phase protein, are increased during sickle cell painful crisis. <i>Blood Cells, Molecules, and Diseases</i> , 2011 , 46, 189-94	2.1	16
72	Augmentation of c-fos mRNA expression by activators of protein kinase C in fresh, terminally differentiated resting macrophages. <i>Molecular and Cellular Biology</i> , 1987 , 7, 595-599	4.8	16

71	Pentraxin 3 deficiency protects from the metabolic inflammation associated to diet-induced obesity. <i>Cardiovascular Research</i> , 2019 , 115, 1861-1872	9.9	15
70	Anti-rheumatic treatment is not associated with reduction of pentraxin 3 in rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis. <i>PLoS ONE</i> , 2017 , 12, e0169830	3.7	15
69	Echocardiography, spirometry, and systemic acute-phase inflammatory proteins in smokers with COPD or CHF: an observational study. <i>PLoS ONE</i> , 2013 , 8, e80166	3.7	15
68	Modulation of the locomotory capacity of human large granular lymphocytes. <i>Cellular Immunology</i> , 1986 , 101, 204-12	4.4	15
67	Increased long-term expression of pentraxin 3 in irradiated human arteries and veins compared to internal controls from free tissue transfers. <i>Journal of Translational Medicine</i> , 2013 , 11, 223	8.5	14
66	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules.. <i>Nature Immunology</i> , 2022 ,	19.1	14
65	Interaction of C1q With Pentraxin 3 and IgM Revisited: Mutational Studies With Recombinant C1q Variants. <i>Frontiers in Immunology</i> , 2019 , 10, 461	8.4	13
64	Development of Redox Arrays for identifying novel glutathionylated proteins in the secretome. <i>Scientific Reports</i> , 2015 , 5, 14630	4.9	13
63	A new surface plasmon resonance-based immunoassay for rapid, reproducible and sensitive quantification of pentraxin-3 in human plasma. <i>Sensors</i> , 2014 , 14, 10864-75	3.8	13
62	Expression of c-fos proto-oncogene in tumor-associated macrophages. <i>Journal of Immunology</i> , 1990 , 144, 4878-82	5.3	13
61	Plasma complement and vascular complement deposition in patients with coronary artery disease with and without inflammatory rheumatic diseases. <i>PLoS ONE</i> , 2017 , 12, e0174577	3.7	13
60	Siltuximab downregulates interleukin-8 and pentraxin 3 to improve ventilatory status and survival in severe COVID-19. <i>Leukemia</i> , 2021 , 35, 2710-2714	10.7	13
59	The Atypical Receptor CCRL2 Is Essential for Lung Cancer Immune Surveillance. <i>Cancer Immunology Research</i> , 2019 , 7, 1775-1788	12.5	12
58	The Long Pentraxin PTX3 in Bone Homeostasis and Pathology. <i>Frontiers in Immunology</i> , 2019 , 10, 2628	8.4	12
57	Pentraxin 3, a novel cardiovascular biomarker, is expressed in aortic specimens of patients with coronary artery disease with and without rheumatoid arthritis. <i>Cardiovascular Pathology</i> , 2013 , 22, 324-331	3.8	12
56	Molecular Signatures of Immunity and Immunogenicity in Infection and Vaccination. <i>Frontiers in Immunology</i> , 2017 , 8, 1563	8.4	12
55	The role of macrophages in the regulation of primary tumor growth. <i>Pathobiology</i> , 1991 , 59, 239-42	3.6	12
54	The complement system in <i>Aspergillus fumigatus</i> infections and its crosstalk with pentraxins. <i>FEBS Letters</i> , 2020 , 594, 2480-2501	3.8	11

53	Characterization of potential biomarkers of reatogenicity of licensed antiviral vaccines: randomized controlled clinical trials conducted by the BIOVACSAFE consortium. <i>Scientific Reports</i> , 2019 , 9, 20362	4.9	11
52	Plasminogen activator activity of metastatic variants from a murine fibrosarcoma; effect of thrombin in vitro. <i>International Journal of Cancer</i> , 1983 , 32, 67-70	7.5	10
51	Pentraxins in Innate Immunity and Inflammation. <i>Novartis Foundation Symposium</i> , 80-91		9
50	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	3.7	8
49	Biomarkers of oxidative-stress and inflammation in exhaled breath condensate from hospital cleaners. <i>Biomarkers</i> , 2016 , 21, 115-22	2.6	8
48	Vaccination of mice for research purpose: alum is as effective as and safer than complete Freund adjuvant. <i>Reumatismo</i> , 2012 , 64, 380-7	1.1	8
47	Failure to warfarin to affect the tissue factor activity and the metastatic potential of murine fibrosarcoma cells. <i>European Journal of Cancer & Clinical Oncology</i> , 1985 , 21, 263-5		8
46	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	6
45	In vitro migration of rat large granular lymphocytes. <i>Cellular Immunology</i> , 1989 , 123, 257-63	4.4	5
44	Pentraxin 3 plasma levels at graft-versus-host disease onset predict disease severity and response to therapy in children given haematopoietic stem cell transplantation. <i>Oncotarget</i> , 2016 , 7, 82123-82138 ^{3,3}		5
43	Inducible expression of PTX3, a new member of the pentraxin family, in human mononuclear phagocytes. <i>Blood</i> , 1994 , 84, 3483-3493	2.2	5
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