Andrea Doni

List of Publications by Year in Descending Order

82 papers	9,464 citations	49 h-index	89 g-index
89 ext. papers	10,801 ext. citations	9.5 avg, IF	5.31 L-index

#	Paper	IF	Citations
82	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules.. *Nature Immunology*, **2022**,	19.1	14
81	Complementary Roles of Short and Long Pentraxins in the Complement-Mediated Immune Response to Infections. *Frontiers in Immunology*, **2021**, 12, 785883	8.4	1
80	Heme catabolism by tumor-associated macrophages controls metastasis formation. *Nature Immunology*, **2021**, 22, 595-606	19.1	11
79	The Long Pentraxin PTX3 Controls Severe Infection. *Frontiers in Immunology*, **2021**, 12, 666198	8.4	3
78	Serum amyloid P component is an essential element of resistance against Aspergillus fumigatus. *Nature Communications*, **2021**, 12, 3739	17.4	2
77	PTX3 Regulation of Inflammation, Hemostatic Response, Tissue Repair, and Resolution of Fibrosis Favors a Role in Limiting Idiopathic Pulmonary Fibrosis. *Frontiers in Immunology*, **2021**, 12, 676702	8.4	5
76	Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. *Nature Cancer*, **2021**, 2, 218-232	15.4	5
75	The complement system in Aspergillus fumigatus infections and its crosstalk with pentraxins. *FEBS Letters*, **2020**, 594, 2480-2501	3.8	11
74	Evaluation of cell metabolic adaptation in wound and tumour by Fluorescence Lifetime Imaging Microscopy. *Scientific Reports*, **2020**, 10, 6289	4.9	5
73	Tumor-Derived Prostaglandin E2 Promotes p50 NF-B-Dependent Differentiation of Monocytic MDSCs. *Cancer Research*, **2020**, 80, 2874-2888	10.1	42
72	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. *Frontiers in Immunology*, **2019**, 10, 712	8.4	54
71	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. *Nature Immunology*, **2019**, 20, 1012-1022	19.1	45
70	Optical imaging detection of preclinical models of gut tumors through the expression of integrin V3. *Oncotarget*, **2018**, 9, 31380-31396	3.3	2
69	Intraperitoneal adoptive transfer of mesenchymal stem cells enhances recovery from acid aspiration acute lung injury in mice. *Intensive Care Medicine Experimental*, **2017**, 5, 13	3.7	7
68	Humoral innate immunity at the crossroad between microbe and matrix recognition: The role of PTX3 in tissue damage. *Seminars in Cell and Developmental Biology*, **2017**, 61, 31-40	7.5	17
67	Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. *Journal of Investigative Dermatology*, **2016**, 136, 293-300	4.3	49
66	The Fractalkine-Receptor Axis Improves Human Colorectal Cancer Prognosis by Limiting Tumor Metastatic Dissemination. *Journal of Immunology*, **2016**, 196, 902-14	5.3	28

65	PTX3, a humoral pattern recognition molecule at the interface between microbe and matrix recognition. *Current Opinion in Immunology*, **2016**, 38, 39-44	7.8	35
64	Innate immunity, hemostasis and matrix remodeling: PTX3 as a link. *Seminars in Immunology*, **2016**, 28, 570-577	10.7	36
63	RORC1 Regulates Tumor-Promoting "Emergency" Granulo-Monocytopoiesis. *Cancer Cell*, **2015**, 28, 253-69	24.3	121
62	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. *Journal of Experimental Medicine*, **2015**, 212, 905-25	16.6	86
61	PTX3 is an extrinsic oncosuppressor regulating complement-dependent inflammation in cancer. *Cell*, **2015**, 160, 700-714	56.2	233
60	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. *Journal of Cell Biology*, **2015**, 209, 2094OIA93	7.3	
59	The humoral pattern recognition molecule PTX3 is a key component of innate immunity against urinary tract infection. *Immunity*, **2014**, 40, 621-32	32.3	81
58	Occurrence of tertiary lymphoid tissue is associated with T-cell infiltration and predicts better prognosis in early-stage colorectal cancers. *Clinical Cancer Research*, **2014**, 20, 2147-58	12.9	168
57	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. *Journal of Clinical Investigation*, **2014**, 124, 4335-50	15.9	39
56	Presence of Twist1-positive neoplastic cells in the stroma of chromosome-unstable colorectal tumors. *Gastroenterology*, **2013**, 145, 647-57.e15	13.3	39
55	PTX3 as a paradigm for the interaction of pentraxins with the complement system. *Seminars in Immunology*, **2013**, 25, 79-85	10.7	62
54	Ficolin-1-PTX3 complex formation promotes clearance of altered self-cells and modulates IL-8 production. *Journal of Immunology*, **2013**, 191, 1324-33	5.3	64
53	Role of c-MYC in alternative activation of human macrophages and tumor-associated macrophage biology. *Blood*, **2012**, 119, 411-21	2.2	237
52	Interactions of the humoral pattern recognition molecule PTX3 with the complement system. *Immunobiology*, **2012**, 217, 1122-8	3.4	51
51	M-CSF induces the expression of a membrane-bound form of IL-18 in a subset of human monocytes differentiating in vitro toward macrophages. *European Journal of Immunology*, **2012**, 42, 1618-26	6.1	64
50	Phosphoinositide 3-kinase plays a critical role in bleomycin-induced pulmonary inflammation and fibrosis in mice. *Journal of Leukocyte Biology*, **2011**, 89, 269-82	6.5	54
49	CCR7 is involved in the migration of neutrophils to lymph nodes. *Blood*, **2011**, 117, 1196-204	2.2	151
48	A human promyelocytic-like population is responsible for the immune suppression mediated by myeloid-derived suppressor cells. *Blood*, **2011**, 118, 2254-65	2.2	280

47	M-ficolin interacts with the long pentraxin PTX3: a novel case of cross-talk between soluble pattern-recognition molecules. *Journal of Immunology*, **2011**, 186, 5815-22	5.3	64
46	Early and transient release of leukocyte pentraxin 3 during acute myocardial infarction. *Journal of Immunology*, **2011**, 187, 970-9	5.3	65
45	Heterocomplexes of mannose-binding lectin and the pentraxins PTX3 or serum amyloid P component trigger cross-activation of the complement system. *Journal of Biological Chemistry*, **2011**, 286, 3405-17	5.4	91
44	Dexamethasone prophylaxis in pediatric open heart surgery is associated with increased blood long pentraxin PTX3: potential clinical implications. *Clinical and Developmental Immunology*, **2011**, 2011, 730828		9
43	Tertiary intratumor lymphoid tissue in colo-rectal cancer. *Cancers*, **2011**, 4, 1-10	6.6	48
42	Serotonin-mediated tuning of human helper T cell responsiveness to the chemokine CXCL12. *PLoS ONE*, **2011**, 6, e22482	3.7	16
41	Regulation of leukocyte recruitment by the long pentraxin PTX3. *Nature Immunology*, **2010**, 11, 328-34	19.1	322
40	An integrated view of humoral innate immunity: pentraxins as a paradigm. *Annual Review of Immunology*, **2010**, 28, 157-83	34.7	411
39	Role of complement and Fc{gamma} receptors in the protective activity of the long pentraxin PTX3 against Aspergillus fumigatus. *Blood*, **2010**, 116, 5170-80	2.2	151
38	Synergy between ficolin-2 and pentraxin 3 boosts innate immune recognition and complement deposition. *Journal of Biological Chemistry*, **2009**, 284, 28263-28275	5.4	149
37	Coregulation in human leukocytes of the long pentraxin PTX3 and TSG-6. *Journal of Leukocyte Biology*, **2009**, 86, 123-32	6.5	66
36	The long pentraxin 3 is a soluble and cell-associated component of the human semen. *Journal of Developmental and Physical Disabilities*, **2009**, 32, 255-64		5
35	Role of the chemokine receptor CXCR2 in bleomycin-induced pulmonary inflammation and fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 40, 410-21	5.7	97
34	Unique role of junctional adhesion molecule-a in maintaining mucosal homeostasis in inflammatory bowel disease. *Gastroenterology*, **2008**, 135, 173-84	13.3	184
33	Binding of the long pentraxin PTX3 to factor H: interacting domains and function in the regulation of complement activation. *Journal of Immunology*, **2008**, 181, 8433-40	5.3	149
32	Cell-specific regulation of PTX3 by glucocorticoid hormones in hematopoietic and nonhematopoietic cells. *Journal of Biological Chemistry*, **2008**, 283, 29983-92	5.4	67
31	The chemokine receptor CX3CR1 is involved in the neural tropism and malignant behavior of pancreatic ductal adenocarcinoma. *Cancer Research*, **2008**, 68, 9060-9	10.1	125
30	The third intracellular loop of the human somatostatin receptor 5 is crucial for arrestin binding and receptor internalization after somatostatin stimulation. *Molecular Endocrinology*, **2008**, 22, 676-88		34

29	Regulation of D6 chemokine scavenging activity by ligand- and Rab11-dependent surface up-regulation. *Blood*, **2008**, 112, 493-503	2.2	67
28	Pentraxins in innate immunity: from C-reactive protein to the long pentraxin PTX3. *Journal of Clinical Immunology*, **2008**, 28, 1-13	5.7	303
27	PTX3 interacts with inter-alpha-trypsin inhibitor: implications for hyaluronan organization and cumulus oophorus expansion. *Journal of Biological Chemistry*, **2007**, 282, 30161-70	5.4	112
26	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2319-24	11.5	150
25	Regulation of the microsomal prostaglandin E synthase-1 in polarized mononuclear phagocytes and its constitutive expression in neutrophils. *Journal of Leukocyte Biology*, **2007**, 82, 320-6	6.5	35
24	The humoral pattern recognition receptor PTX3 is stored in neutrophil granules and localizes in extracellular traps. *Journal of Experimental Medicine*, **2007**, 204, 793-804	16.6	408
23	The long pentraxin PTX3 in vascular pathology. *Vascular Pharmacology*, **2006**, 45, 326-30	5.9	92
22	Follicular fluid levels of the long pentraxin PTX3. *Journal of the Society for Gynecologic Investigation*, **2006**, 13, 226-31		15
21	Regulation of PTX3, a key component of humoral innate immunity in human dendritic cells: stimulation by IL-10 and inhibition by IFN-gamma. *Journal of Leukocyte Biology*, **2006**, 79, 797-802	6.5	97
20	The long pentraxin PTX3 as a link among innate immunity, inflammation, and female fertility. *Journal of Leukocyte Biology*, **2006**, 79, 909-12	6.5	59
19	Structure and function of the long pentraxin PTX3 glycosidic moiety: fine-tuning of the interaction with C1q and complement activation. *Biochemistry*, **2006**, 45, 11540-51	3.2	100
18	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective NF-kappaB and enhanced IRF-3/STAT1 activation). *Blood*, **2006**, 107, 2112-22	2.2	542
17	Pentraxin 3 protects from MCMV infection and reactivation through TLR sensing pathways leading to IRF3 activation. *Blood*, **2006**, 108, 3387-96	2.2	109
16	Complexity and complementarity of outer membrane protein A recognition by cellular and humoral innate immunity receptors. *Immunity*, **2005**, 22, 551-60	32.3	226
15	PTX3 plays a key role in the organization of the cumulus oophorus extracellular matrix and in in vivo fertilization. *Development (Cambridge)*, **2004**, 131, 1577-86	6.6	319
14	The long pentraxin PTX3: from innate immunity to ischemic heart disorders. *International Congress Series*, **2004**, 1262, 63-66		
13	Regulation of the chemokine receptor CXCR4 by hypoxia. *Journal of Experimental Medicine*, **2003**, 198, 1391-402	16.6	695
12	Cross-linking of the mannose receptor on monocyte-derived dendritic cells activates an anti-inflammatory immunosuppressive program. *Journal of Immunology*, **2003**, 171, 4552-60	5.3	306

11	Production of the soluble pattern recognition receptor PTX3 by myeloid, but not plasmacytoid, dendritic cells. *European Journal of Immunology*, **2003**, 33, 2886-93	6.1	151
10	Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. *Nature*, **2002**, 420, 182-6	50.4	550
9	High circulating levels of the IL-1 type II decoy receptor in critically ill patients with sepsis: association of high decoy receptor levels with glucocorticoid administration. *Journal of Leukocyte Biology*, **2002**, 72, 643-9	6.5	76
8	PTX3 in small-vessel vasculitides: an independent indicator of disease activity produced at sites of inflammation. *Arthritis and Rheumatism*, **2001**, 44, 2841-50		228
7	Circulating levels of the long pentraxin PTX3 correlate with severity of infection in critically ill patients. *Critical Care Medicine*, **2001**, 29, 1404-7	1.4	262
6	Chemokines, sTNF-Rs and sCD30 serum levels in healthy aged people and centenarians. *Mechanisms of Ageing and Development*, **2000**, 121, 37-46	5.6	116
5	The long pentraxin PTX3 binds to apoptotic cells and regulates their clearance by antigen-presenting dendritic cells. *Blood*, **2000**, 96, 4300-4306	2.2	270
4	Production of the Long Pentraxin PTX3 by Myeloid Dendritic Cells: Linking Cellular and Humoral Innate Immunity165-174		
3	Phagocytes Are a Source of the Fluid-Phase Pattern Recognition Receptor PTX3: Interplay between Cellular and Humoral Innate Immunity171-P2		
2	Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules		1
1	Pentraxins in Innate Immunity and Inflammation. *Novartis Foundation Symposium*,80-91		9