

Andrea Doni

List of Publications by Year in descending order

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87
papers

11,699
citations

28274

55
h-index

58581

82
g-index

89
all docs

89
docs citations

89
times ranked

13662
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of the Chemokine Receptor CXCR4 by Hypoxia. <i>Journal of Experimental Medicine</i> , 2003, 198, 1391-1402.	8.5	778
2	Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. <i>Nature</i> , 2002, 420, 182-186.	27.8	636
3	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective) Tj ETQq1 1 0.784314 rgBT /Ov 1.4 610	1.4	610
4	An Integrated View of Humoral Innate Immunity: Pentraxins as a Paradigm. <i>Annual Review of Immunology</i> , 2010, 28, 157-183.	21.8	515
5	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
6	Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010, 11, 328-334.	14.5	396
7	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
8	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
9	Cross-Linking of the Mannose Receptor on Monocyte-Derived Dendritic Cells Activates an Anti-Inflammatory Immunosuppressive Program. <i>Journal of Immunology</i> , 2003, 171, 4552-4560.	0.8	334
10	PTX3 Is an Extrinsic Oncosuppressor Regulating Complement-Dependent Inflammation in Cancer. <i>Cell</i> , 2015, 160, 700-714.	28.9	334
11	A human promyelocytic-like population is responsible for the immune suppression mediated by myeloid-derived suppressor cells. <i>Blood</i> , 2011, 118, 2254-2265.	1.4	328
12	Circulating levels of the long pentraxin PTX3 correlate with severity of infection in critically ill patients. <i>Critical Care Medicine</i> , 2001, 29, 1404-1407.	0.9	302
13	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
14	Role of c-MYC in alternative activation of human macrophages and tumor-associated macrophage biology. <i>Blood</i> , 2012, 119, 411-421.	1.4	292
15	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
16	Occurrence of Tertiary Lymphoid Tissue Is Associated with T-Cell Infiltration and Predicts Better Prognosis in Early-Stage Colorectal Cancers. <i>Clinical Cancer Research</i> , 2014, 20, 2147-2158.	7.0	264
17	PTX3 in small-vessel vasculitides: An independent indicator of disease activity produced at sites of inflammation. <i>Arthritis and Rheumatism</i> , 2001, 44, 2841-2850.	6.7	250
18	Unique Role of Junctional Adhesion Molecule-A in Maintaining Mucosal Homeostasis in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2008, 135, 173-184.	1.3	210

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19	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
20	Synergy between Ficolin-2 and Pentraxin 3 Boosts Innate Immune Recognition and Complement Deposition. <i>Journal of Biological Chemistry</i> , 2009, 284, 28263-28275.	3.4	184
21	CCR7 is involved in the migration of neutrophils to lymph nodes. <i>Blood</i> , 2011, 117, 1196-1204.	1.4	183
22	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
23	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, 8433-8440.	0.8	173
24	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2319-2324.	7.1	171
25	RORC1 Regulates Tumor-Promoting "Emergency" Granulo-Monocytopoiesis. <i>Cancer Cell</i> , 2015, 28, 253-269.	16.8	154
26	The Chemokine Receptor CX3CR1 Is Involved in the Neural Tropism and Malignant Behavior of Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2008, 68, 9060-9069.	0.9	153
27	Chemokines, sTNF-Rs and sCD30 serum levels in healthy aged people and centenarians. <i>Mechanisms of Ageing and Development</i> , 2001, 121, 37-46.	4.6	139
28	PTX3 Interacts with Inter- β -trypsin Inhibitor. <i>Journal of Biological Chemistry</i> , 2007, 282, 30161-30170.	3.4	138
29	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
30	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
31	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
32	Role of the Chemokine Receptor CXCR2 in Bleomycin-Induced Pulmonary Inflammation and Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 410-421.	2.9	119
33	Heterocomplexes of Mannose-binding Lectin and the Pentraxins PTX3 or Serum Amyloid P Component Trigger Cross-activation of the Complement System. <i>Journal of Biological Chemistry</i> , 2011, 286, 3405-3417.	3.4	114
34	Structure and Function of the Long Pentraxin PTX3 Glycosidic Moiety: A Fine-Tuning of the Interaction with C1q and Complement Activation. <i>Biochemistry</i> , 2006, 45, 11540-11551.	2.5	113
35	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
36	The long pentraxin PTX3 in vascular pathology. <i>Vascular Pharmacology</i> , 2006, 45, 326-330.	2.1	109

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37	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
38	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
39	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
40	Early and Transient Release of Leukocyte Pentraxin 3 during Acute Myocardial Infarction. <i>Journal of Immunology</i> , 2011, 187, 970-979.	0.8	82
41	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. <i>Journal of Leukocyte Biology</i> , 2002, 72, 643-9.	3.3	82
42	Tumor-Derived Prostaglandin E2 Promotes p50 NF- κ B-Dependent Differentiation of Monocytic MDSCs. <i>Cancer Research</i> , 2020, 80, 2874-2888.	0.9	81
43	Cell-specific Regulation of PTX3 by Glucocorticoid Hormones in Hematopoietic and Nonhematopoietic Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 29983-29992.	3.4	78
44	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
45	Regulation of D6 chemokine scavenging activity by ligand- and Rab11-dependent surface up-regulation. <i>Blood</i> , 2008, 112, 493-503.	1.4	76
46	<sc>M-CSF</sc> induces the expression of a membrane-bound form of <sc>IL-18</sc> in a subset of human monocytes differentiating in vitro toward macrophages. <i>European Journal of Immunology</i> , 2012, 42, 1618-1626.	2.9	76
47	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. <i>Nature Immunology</i> , 2019, 20, 1012-1022.	14.5	75
48	Interactions of the humoral pattern recognition molecule PTX3 with the complement system. <i>Immunobiology</i> , 2012, 217, 1122-1128.	1.9	74
49	M-Ficolin Interacts with the Long Pentraxin PTX3: A Novel Case of Cross-Talk between Soluble Pattern-Recognition Molecules. <i>Journal of Immunology</i> , 2011, 186, 5815-5822.	0.8	72
50	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
51	Tertiary Intratumor Lymphoid Tissue in Colo-Rectal Cancer. <i>Cancers</i> , 2012, 4, 1-10.	3.7	68
52	Ficolin-1-PTX3 Complex Formation Promotes Clearance of Altered Self-Cells and Modulates IL-8 Production. <i>Journal of Immunology</i> , 2013, 191, 1324-1333.	0.8	68
53	Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. <i>Journal of Investigative Dermatology</i> , 2016, 136, 293-300.	0.7	63
54	Phosphoinositide 3-kinase γ plays a critical role in bleomycin-induced pulmonary inflammation and fibrosis in mice. <i>Journal of Leukocyte Biology</i> , 2010, 89, 269-282.	3.3	61

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55	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
56	Heme catabolism by tumor-associated macrophages controls metastasis formation. <i>Nature Immunology</i> , 2021, 22, 595-606.	14.5	59
57	Innate immunity, hemostasis and matrix remodeling: PTX3 as a link. <i>Seminars in Immunology</i> , 2016, 28, 570-577.	5.6	52
58	Presence of Twist1-Positive Neoplastic Cells in the Stroma of Chromosome-Unstable Colorectal Tumors. <i>Gastroenterology</i> , 2013, 145, 647-657.e15.	1.3	49
59	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014, 124, 4335-4350.	8.2	46
60	Regulation of the microsomal prostaglandin E synthase-1 in polarized mononuclear phagocytes and its constitutive expression in neutrophils. <i>Journal of Leukocyte Biology</i> , 2007, 82, 320-326.	3.3	43
61	The Third Intracellular Loop of the Human Somatostatin Receptor 5 Is Crucial for Arrestin Binding and Receptor Internalization after Somatostatin Stimulation. <i>Molecular Endocrinology</i> , 2008, 22, 676-688.	3.7	39
62	The Fractalkine-Receptor Axis Improves Human Colorectal Cancer Prognosis by Limiting Tumor Metastatic Dissemination. <i>Journal of Immunology</i> , 2016, 196, 902-914.	0.8	35
63	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
64	PTX3 Regulation of Inflammation, Hemostatic Response, Tissue Repair, and Resolution of Fibrosis Favors a Role in Limiting Idiopathic Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2021, 12, 676702.	4.8	27
65	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
66	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
67	Serotonin-Mediated Tuning of Human Helper T Cell Responsiveness to the Chemokine CXCL12. <i>PLoS ONE</i> , 2011, 6, e22482.	2.5	19
68	Follicular Fluid Levels of the Long Pentraxin PTX3. <i>Journal of the Society for Gynecologic Investigation</i> , 2006, 13, 226-231.	1.7	18
69	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
70	Pentraxins in Innate Immunity and Inflammation. <i>Novartis Foundation Symposium</i> , 0, , 80-91.	1.1	16
71	PTX3 orchestrates tissue repair. <i>Oncotarget</i> , 2015, 6, 30435-30436.	1.8	13
72	Broadband stimulated Raman imaging based on multi-channel lock-in detection for spectral histopathology. <i>APL Photonics</i> , 2022, 7, .	5.7	12

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73	Dexamethasone Prophylaxis in Pediatric Open Heart Surgery Is Associated with Increased Blood Long Pentraxin PTX3: Potential Clinical Implications. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-6.	3.3	11
74	The long pentraxin 3 is a soluble and cell-associated component of the human semen. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 255-264.	3.6	10
75	Intraperitoneal adoptive transfer of mesenchymal stem cells enhances recovery from acid aspiration acute lung injury in mice. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 13.	1.9	10
76	The Long Pentraxin PTX3 Controls <i>Klebsiella Pneumoniae</i> Severe Infection. <i>Frontiers in Immunology</i> , 2021, 12, 666198.	4.8	8
77	Complementary Roles of Short and Long Pentraxins in the Complement-Mediated Immune Response to <i>Aspergillus fumigatus</i> Infections. <i>Frontiers in Immunology</i> , 2021, 12, 785883.	4.8	8
78	Evaluation of cell metabolic adaptation in wound and tumour by Fluorescence Lifetime Imaging Microscopy. <i>Scientific Reports</i> , 2020, 10, 6289.	3.3	6
79	Optical <i>in vivo</i> imaging detection of preclinical models of gut tumors through the expression of integrin $\alpha V\beta 3$. <i>Oncotarget</i> , 2018, 9, 31380-31396.	1.8	4
80	Editorial: Interactions of Pentraxins and Complement in Infection, Inflammation, and Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 861359.	4.8	2
81	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
82	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014, 124, 5085-5085.	8.2	1
83	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
84	The long pentraxin PTX3: from innate immunity to ischemic heart disorders. <i>International Congress Series</i> , 2004, 1262, 63-66.	0.2	0
85	Production of the Long Pentraxin PTX3 by Myeloid Dendritic Cells: Linking Cellular and Humoral Innate Immunity. , 0, , 165-174.		0
86	Phagocytes Are a Source of the Fluid-Phase Pattern Recognition Receptor PTX3: Interplay between Cellular and Humoral Innate Immunity. , 0, , 171-P2.		0
87	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