

Andrea Doni

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Regulation of the chemokine receptor CXCR4 by hypoxia. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1391-402 | 16.6 | 695 |
| 81 | Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immune response. <i>Nature</i> , 2002 , 420, 182-6 | 50.4 | 550 |
| 80 | 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 |
| 79 | An integrated view of humoral innate immunity: pentraxins as a paradigm. <i>Annual Review of Immunology</i> , 2010 , 28, 157-83 | 34.7 | 411 |
| 78 | 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 |
| 77 | Regulation of leukocyte recruitment by the long pentraxin PTX3. <i>Nature Immunology</i> , 2010 , 11, 328-34 | 19.1 | 322 |
| 76 | 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 |
| 75 | Cross-linking of the mannose receptor on monocyte-derived dendritic cells activates an anti-inflammatory immunosuppressive program. <i>Journal of Immunology</i> , 2003 , 171, 4552-60 | 5.3 | 306 |
| 74 | 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 |
| 73 | A human promyelocytic-like population is responsible for the immune suppression mediated by myeloid-derived suppressor cells. <i>Blood</i> , 2011 , 118, 2254-65 | 2.2 | 280 |
| 72 | 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 |
| 71 | 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 |
| 70 | Role of c-MYC in alternative activation of human macrophages and tumor-associated macrophage biology. <i>Blood</i> , 2012 , 119, 411-21 | 2.2 | 237 |
| 69 | PTX3 is an extrinsic oncosuppressor regulating complement-dependent inflammation in cancer. <i>Cell</i> , 2015 , 160, 700-714 | 56.2 | 233 |
| 68 | PTX3 in small-vessel vasculitides: an independent indicator of disease activity produced at sites of inflammation. <i>Arthritis and Rheumatism</i> , 2001 , 44, 2841-50 | | 228 |
| 67 | 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 |
| 66 | Unique role of junctional adhesion molecule-a in maintaining mucosal homeostasis in inflammatory bowel disease. <i>Gastroenterology</i> , 2008 , 135, 173-84 | 13.3 | 184 |

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|----|---|------|-----|
| 65 | 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, 2147-58 | 12.9 | 168 |
| 64 | CCR7 is involved in the migration of neutrophils to lymph nodes. <i>Blood</i> , 2011 , 117, 1196-204 | 2.2 | 151 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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, 2319-24 | 11.5 | 150 |
| 60 | Synergy between ficolin-2 and pentraxin 3 boosts innate immune recognition and complement deposition. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28263-28275 | 5.4 | 149 |
| 59 | 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 |
| 58 | The chemokine receptor CX3CR1 is involved in the neural tropism and malignant behavior of pancreatic ductal adenocarcinoma. <i>Cancer Research</i> , 2008 , 68, 9060-9 | 10.1 | 125 |
| 57 | RORC1 Regulates Tumor-Promoting "Emergency" Granulo-Monocytopoiesis. <i>Cancer Cell</i> , 2015 , 28, 253-69 | 14.3 | 121 |
| 56 | Chemokines, sTNF-Rs and sCD30 serum levels in healthy aged people and centenarians. <i>Mechanisms of Ageing and Development</i> , 2000 , 121, 37-46 | 5.6 | 116 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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, 410-21 | 5.7 | 97 |
| 51 | 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 |
| 50 | The long pentraxin PTX3 in vascular pathology. <i>Vascular Pharmacology</i> , 2006 , 45, 326-30 | 5.9 | 92 |
| 49 | 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, 3405-17 | 5.4 | 91 |
| 48 | 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 |

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|----|--|------|----|
| 47 | 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 |
| 46 | 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 | 6.5 | 76 |
| 45 | 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 |
| 44 | Regulation of D6 chemokine scavenging activity by ligand- and Rab11-dependent surface up-regulation. <i>Blood</i> , 2008 , 112, 493-503 | 2.2 | 67 |
| 43 | 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 |
| 42 | Early and transient release of leukocyte pentraxin 3 during acute myocardial infarction. <i>Journal of Immunology</i> , 2011 , 187, 970-9 | 5.3 | 65 |
| 41 | M-CSF induces the expression of a membrane-bound form of IL-18 in a subset of human monocytes differentiating in vitro toward macrophages. <i>European Journal of Immunology</i> , 2012 , 42, 1618-26 | 6.1 | 64 |
| 40 | Ficolin-1-PTX3 complex formation promotes clearance of altered self-cells and modulates IL-8 production. <i>Journal of Immunology</i> , 2013 , 191, 1324-33 | 5.3 | 64 |
| 39 | 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, 5815-22 | 5.3 | 64 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | Phosphoinositide 3-kinase plays a critical role in bleomycin-induced pulmonary inflammation and fibrosis in mice. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 269-82 | 6.5 | 54 |
| 34 | Interactions of the humoral pattern recognition molecule PTX3 with the complement system. <i>Immunobiology</i> , 2012 , 217, 1122-8 | 3.4 | 51 |
| 33 | Mesenchymal Stromal Cell-Derived PTX3 Promotes Wound Healing via Fibrin Remodeling. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 293-300 | 4.3 | 49 |
| 32 | Tertiary intratumor lymphoid tissue in colo-rectal cancer. <i>Cancers</i> , 2011 , 4, 1-10 | 6.6 | 48 |
| 31 | 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 |
| 30 | Tumor-Derived Prostaglandin E2 Promotes p50 NF- κ B-Dependent Differentiation of Monocytic MDSCs. <i>Cancer Research</i> , 2020 , 80, 2874-2888 | 10.1 | 42 |

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|----|--|------|----|
| 29 | Presence of Twist1-positive neoplastic cells in the stroma of chromosome-unstable colorectal tumors. <i>Gastroenterology</i> , 2013 , 145, 647-57.e15 | 13.3 | 39 |
| 28 | Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4335-50 | 15.9 | 39 |
| 27 | Innate immunity, hemostasis and matrix remodeling: PTX3 as a link. <i>Seminars in Immunology</i> , 2016 , 28, 570-577 | 10.7 | 36 |
| 26 | 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 |
| 25 | 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, 320-6 | 6.5 | 35 |
| 24 | 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, 676-88 | | 34 |
| 23 | The Fractalkine-Receptor Axis Improves Human Colorectal Cancer Prognosis by Limiting Tumor Metastatic Dissemination. <i>Journal of Immunology</i> , 2016 , 196, 902-14 | 5.3 | 28 |
| 22 | 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 | 7.5 | 17 |
| 21 | Serotonin-mediated tuning of human helper T cell responsiveness to the chemokine CXCL12. <i>PLoS ONE</i> , 2011 , 6, e22482 | 3.7 | 16 |
| 20 | Follicular fluid levels of the long pentraxin PTX3. <i>Journal of the Society for Gynecologic Investigation</i> , 2006 , 13, 226-31 | | 15 |
| 19 | Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules.. <i>Nature Immunology</i> , 2022 , | 19.1 | 14 |
| 18 | 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 |
| 17 | Heme catabolism by tumor-associated macrophages controls metastasis formation. <i>Nature Immunology</i> , 2021 , 22, 595-606 | 19.1 | 11 |
| 16 | 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, 730828 | | 9 |
| 15 | Pentraxins in Innate Immunity and Inflammation. <i>Novartis Foundation Symposium</i> , 80-91 | | 9 |
| 14 | 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 | 3.7 | 7 |
| 13 | 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, 255-64 | | 5 |
| 12 | 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 | 8.4 | 5 |

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| 11 | Evaluation of cell metabolic adaptation in wound and tumour by Fluorescence Lifetime Imaging Microscopy. <i>Scientific Reports</i> , 2020 , 10, 6289 | 4.9 | 5 |
| 10 | Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. <i>Nature Cancer</i> , 2021 , 2, 218-232 | 15.4 | 5 |
| 9 | The Long Pentraxin PTX3 Controls Severe Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 666198 | 8.4 | 3 |
| 8 | Optical imaging detection of preclinical models of gut tumors through the expression of integrin α B. <i>Oncotarget</i> , 2018 , 9, 31380-31396 | 3.3 | 2 |
| 7 | Serum amyloid P component is an essential element of resistance against <i>Aspergillus fumigatus</i> . <i>Nature Communications</i> , 2021 , 12, 3739 | 17.4 | 2 |
| 6 | Complementary Roles of Short and Long Pentraxins in the Complement-Mediated Immune Response to Infections. <i>Frontiers in Immunology</i> , 2021 , 12, 785883 | 8.4 | 1 |
| 5 | Recognition and inhibition of SARS-CoV-2 by humoral innate immunity pattern recognition molecules | | 1 |
| 4 | Production of the Long Pentraxin PTX3 by Myeloid Dendritic Cells: Linking Cellular and Humoral Innate Immunity165-174 | | |
| 3 | The long pentraxin PTX3: from innate immunity to ischemic heart disorders. <i>International Congress Series</i> , 2004 , 1262, 63-66 | | |
| 2 | Phagocytes Are a Source of the Fluid-Phase Pattern Recognition Receptor PTX3: Interplay between Cellular and Humoral Innate Immunity171-P2 | | |
| 1 | An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Cell Biology</i> , 2015 , 209, 2094OIA93 | 7.3 | |