

# Patrick Pierre McDonald

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,873  
citations

159585

30  
h-index

206112

48  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the NF- $\kappa$ B Pathway by Inflammatory Stimuli in Human Neutrophils. <i>Blood</i> , 1997, 89, 3421-3433.	1.4	298
2	Selective activation and functional significance of p38 $\beta$ mitogen-activated protein kinase in lipopolysaccharide-stimulated neutrophils. <i>Journal of Clinical Investigation</i> , 1999, 103, 851-858.	8.2	274
3	Hypoxia-enhanced Expression of the Proprotein Convertase Furin Is Mediated by Hypoxia-inducible Factor-1. <i>Journal of Biological Chemistry</i> , 2005, 280, 6561-6569.	3.4	149
4	Regulated production of the interferon- $\gamma$ -inducible protein $\alpha$ 10 (IP-10) chemokine by human neutrophils. <i>European Journal of Immunology</i> , 1997, 27, 111-115.	2.9	138
5	Physiological Stimuli Induce PAD4-Dependent, ROS-Independent NETosis, With Early and Late Events Controlled by Discrete Signaling Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 2036.	4.8	117
6	Activation of nuclear factor- $\kappa$ B by $\beta$ 2-amyloid peptides and interferon- $\gamma$ in murine microglia. <i>Journal of Neuroimmunology</i> , 1997, 77, 51-56.	2.3	110
7	The MYD88-Independent Pathway Is Not Mobilized in Human Neutrophils Stimulated via TLR4. <i>Journal of Immunology</i> , 2007, 178, 7344-7356.	0.8	102
8	Hypoxia-inducible Factor Mediates Hypoxic and Tumor Necrosis Factor $\alpha$ -induced Increases in Tumor Necrosis Factor- $\alpha$ Converting Enzyme/ADAM17 Expression by Synovial Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 33714-33724.	3.4	100
9	Colocalization of Cytosolic Phospholipase A2, 5-Lipoxygenase, and 5-Lipoxygenase-Activating Protein at the Nuclear Membrane of A23187-Stimulated Human Neutrophils. <i>FEBS Journal</i> , 1996, 238, 250-258.	0.2	97
10	Inflammatory Cytokine Production by Human Neutrophils Involves C/EBP Transcription Factors. <i>Journal of Immunology</i> , 2009, 182, 563-571.	0.8	94
11	Differential involvement of NF- $\kappa$ B and MAP kinase pathways in the generation of inflammatory cytokines by human neutrophils. <i>Journal of Leukocyte Biology</i> , 2007, 81, 567-577.	3.3	88
12	IL-6, in Synergy with IL-7 or IL-15, Stimulates TCR-Independent Proliferation and Functional Differentiation of CD8 $^+$ T Lymphocytes. <i>Journal of Immunology</i> , 2008, 180, 7958-7968.	0.8	86
13	SEPSIS, LEUKOCYTES, AND NITRIC OXIDE (NO). <i>Shock</i> , 2010, 33, 344-352.	2.1	65
14	CD30 ligation induces nuclear factor- $\kappa$ B activation in human T cell lines. <i>European Journal of Immunology</i> , 1995, 25, 2870-2876.	2.9	63
15	Autocrine role of endogenous interleukin $\alpha$ 18 on inflammatory cytokine generation by human neutrophils. <i>FASEB Journal</i> , 2009, 23, 194-203.	0.5	63
16	Activation of Distinct Transcription Factors in Neutrophils by Bacterial LPS, Interferon- $\gamma$ , and GM-CSF and the Necessity to Overcome the Action of Endogenous Proteases $\alpha$ . <i>Biochemistry</i> , 1998, 37, 13165-13173.	2.5	56
17	Constitutive Nuclear Expression of the $\kappa$ B Kinase Complex and Its Activation in Human Neutrophils. <i>Journal of Immunology</i> , 2005, 175, 1834-1842.	0.8	56
18	CysLT1 Receptor Engagement Induces Activator Protein-1 $\alpha$ and NF- $\kappa$ B $\alpha$ -Dependent IL-8 Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 697-704.	2.9	52

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19	Molecular mechanisms underlying the synergistic induction of CXCL10 by LPS and IFN $\gamma$ in human neutrophils. <i>European Journal of Immunology</i> , 2007, 37, 2627-2634.	2.9	51
20	The p38-MSK1 Signaling Cascade Influences Cytokine Production through CREB and C/EBP Factors in Human Neutrophils. <i>Journal of Immunology</i> , 2013, 191, 4299-4307.	0.8	50
21	Activation of transcription factor NF- $\kappa$ B by phagocytic stimuli in human neutrophils. <i>FEBS Letters</i> , 1997, 412, 583-586.	2.8	49
22	Inflammatory Cytokine Expression Is Independent of the c-Jun N-Terminal Kinase/AP-1 Signaling Cascade in Human Neutrophils. <i>Journal of Immunology</i> , 2003, 171, 3751-3761.	0.8	49
23	A class IA PI3K controls inflammatory cytokine production in human neutrophils. <i>European Journal of Immunology</i> , 2011, 41, 1709-1719.	2.9	49
24	Platelet-Derived Growth Factor Receptor Activation Promotes the Prodestructive Invadosome-Forming Phenotype of Synoviocytes from Patients with Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2016, 196, 3264-3275.	0.8	47
25	Cytokine generation, promoter activation, and oxidant-independent NF- $\kappa$ B activation in a transfectable human neutrophilic cellular model. <i>BMC Immunology</i> , 2008, 9, 14.	2.2	41
26	Interleukin-15 and its impact on neutrophil function. <i>Current Opinion in Hematology</i> , 2000, 7, 174-177.	2.5	40
27	Constitutive Association of TGF- $\beta$ -Activated Kinase 1 with the I $\kappa$ B Kinase Complex in the Nucleus and Cytoplasm of Human Neutrophils and Its Impact on Downstream Processes. <i>Journal of Immunology</i> , 2010, 184, 3897-3906.	0.8	39
28	Autocrine enhancement of leukotriene synthesis by endogenous leukotriene B <sub>4</sub> and platelet-activating factor in human neutrophils. <i>British Journal of Pharmacology</i> , 1994, 111, 852-860.	5.4	38
29	MEK-independent ERK activation in human neutrophils and its impact on functional responses. <i>Journal of Leukocyte Biology</i> , 2015, 98, 565-573.	3.3	37
30	Neutrophils expressing lysyl oxidase-like 4 protein are present in colorectal cancer liver metastases resistant to anti-angiogenic therapy. <i>Journal of Pathology</i> , 2020, 251, 213-223.	4.5	36
31	Activation of the human neutrophil 5-lipoxygenase by leukotriene B <sub>4</sub> . <i>British Journal of Pharmacology</i> , 1992, 107, 226-232.	5.4	34
32	Cytokine Production and NET Formation by Monosodium Urate-Activated Human Neutrophils Involves Early and Late Events, and Requires Upstream TAK1 and Syk. <i>Frontiers in Immunology</i> , 2019, 10, 2996.	4.8	33
33	Transcriptional Regulation in Neutrophils: Teaching Old Cells New Tricks. <i>Advances in Immunology</i> , 2004, 82, 1-48.	2.2	31
34	Signaling by the Cysteinyl-Leukotriene Receptor 2. <i>Journal of Biological Chemistry</i> , 2008, 283, 1974-1984.	3.4	27
35	Furin gene ( <i>fur</i> ) regulation in differentiating human megakaryoblastic Dami cells: involvement of the proximal GATA recognition motif in the P1 promoter and impact on the maturation of furin substrates. <i>Blood</i> , 2002, 100, 3578-3587.	1.4	25
36	Translational control of human neutrophil responses by MNK1. <i>Journal of Leukocyte Biology</i> , 2013, 94, 693-703.	3.3	22

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37	Role of the p38 MAPK/C/EBP $\beta$ Pathway in the Regulation of Phenotype and IL-10 and IL-12 Production by Tolerogenic Bone Marrow-Derived Dendritic Cells. <i>Cells</i> , 2018, 7, 256.	4.1	21
38	The Chicken Chorioallantoic Membrane Tumor Assay as a Relevant In Vivo Model to Study the Impact of Hypoxia on Tumor Progression and Metastasis. <i>Cancers</i> , 2021, 13, 1093.	3.7	20
39	An Intracellular Signaling Pathway Linking Lipopolysaccharide Stimulation to Cellular Responses of the Human Neutrophil. <i>Chest</i> , 1999, 116, 54S-55S.	0.8	19
40	20-Hydroxy- and 20-carboxy-leukotriene (LT) B <sub>4</sub> downregulate LTB <sub>4</sub> -mediated responses of human neutrophils and eosinophils. <i>Journal of Leukocyte Biology</i> , 2019, 105, 1131-1142.	3.3	19
41	Activation of TAK1 by Chemotactic and Growth Factors, and Its Impact on Human Neutrophil Signaling and Functional Responses. <i>Journal of Immunology</i> , 2015, 195, 5393-5403.	0.8	18
42	MT6-MMP is present in lipid rafts and faces inward in living human PMNs but translocates to the cell surface during neutrophil apoptosis. <i>International Immunology</i> , 2010, 22, 637-649.	4.0	13
43	Modulation by Interferon- $\gamma$ of the Production and Gene Expression of IL-1 Receptor Antagonist in Human Neutrophils. <i>Cellular Immunology</i> , 1998, 184, 45-50.	3.0	12
44	Regulation of Discrete Functional Responses by Syk and Src Family Tyrosine Kinases in Human Neutrophils. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	2.2	11
45	Differential role of NF- $\kappa$ B, ERK1/2 and AP-1 in modulating the immunoregulatory functions of bone marrow-derived dendritic cells from NOD mice. <i>Cellular Immunology</i> , 2012, 272, 259-268.	3.0	10
46	Early and Late Processes Driving NET Formation, and the Autocrine/Paracrine Role of Endogenous RAGE Ligands. <i>Frontiers in Immunology</i> , 2021, 12, 675315.	4.8	10
47	Airway Mucins Inhibit Oxidative and Non-Oxidative Bacterial Killing by Human Neutrophils. <i>Frontiers in Pharmacology</i> , 2020, 11, 554353.	3.5	8
48	New Insights into the Pro-Inflammatory Activities of Ang1 on Neutrophils: Induction of MIP-1 $\beta$ Synthesis and Release. <i>PLoS ONE</i> , 2016, 11, e0163140.	2.5	6
49	Letter to the Editor for the special issue on "The Neutrophil in Immunity". <i>Journal of Leukocyte Biology</i> , 2013, 94, 541-543.	3.3	0
50	Detection of Intact Transcription Factors in Human Neutrophils. <i>Methods in Molecular Biology</i> , 2020, 2087, 261-275.	0.9	0