

# Martin Pelletier

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

4,268  
citations

186265

28  
h-index

168389

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

7617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial reactive oxygen species promote production of proinflammatory cytokines and are elevated in TNFR1-associated periodic syndrome (TRAPS). <i>Journal of Experimental Medicine</i> , 2011, 208, 519-533.	8.5	749
2	Evidence for a cross-talk between human neutrophils and Th17 cells. <i>Blood</i> , 2010, 115, 335-343.	1.4	655
3	Additive loss-of-function proteasome subunit mutations in CANDLE/PRAAS patients promote type I IFN production. <i>Journal of Clinical Investigation</i> , 2015, 125, 4196-4211.	8.2	258
4	Colchicine for community-treated patients with COVID-19 (COLCORONA): a phase 3, randomised, double-blinded, adaptive, placebo-controlled, multicentre trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 924-932.	10.7	218
5	Tumor-Associated Macrophages Enhance Tumor Hypoxia and Aerobic Glycolysis. <i>Cancer Research</i> , 2019, 79, 795-806.	0.9	188
6	Toll-Like Receptor-3-Activated Human Mesenchymal Stromal Cells Significantly Prolong the Survival and Function of Neutrophils. <i>Stem Cells</i> , 2011, 29, 1001-1011.	3.2	185
7	Critical role of fatty acid metabolism in ILC2-mediated barrier protection during malnutrition and helminth infection. <i>Journal of Experimental Medicine</i> , 2016, 213, 1409-1418.	8.5	137
8	The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity. <i>Journal of Immunotoxicology</i> , 2020, 17, 163-174.	1.7	137
9	Fasting and refeeding differentially regulate NLRP3 inflammasome activation in human subjects. <i>Journal of Clinical Investigation</i> , 2015, 125, 4592-4600.	8.2	135
10	The TNF-family cytokine TL1A promotes allergic immunopathology through group 2 innate lymphoid cells. <i>Mucosal Immunology</i> , 2014, 7, 958-968.	6.0	132
11	In Vivo and In Vitro Roles of IL-21 in Inflammation. <i>Journal of Immunology</i> , 2004, 173, 7521-7530.	0.8	106
12	S100A9 induces differentiation of acute myeloid leukemia cells through TLR4. <i>Blood</i> , 2017, 129, 1980-1990.	1.4	104
13	The TNF-Family Ligand TL1A and Its Receptor DR3 Promote T Cell-Mediated Allergic Immunopathology by Enhancing Differentiation and Pathogenicity of IL-9-Producing T Cells. <i>Journal of Immunology</i> , 2015, 194, 3567-3582.	0.8	96
14	Human neutrophils interact with both 6-sulfo LacNAc <sup>+</sup> DC and NK cells to amplify NK-derived IFN $\gamma$ : role of CD18, ICAM-1, and ICAM-3. <i>Blood</i> , 2011, 117, 1677-1686.	1.4	92
15	Mechanisms Involved in Spontaneous and <i>Viscum album</i> Agglutinin-I-Induced Human Neutrophil Apoptosis: <i>Viscum album</i> Agglutinin-I Accelerates the Loss of Antiapoptotic Mcl-1 Expression and the Degradation of Cytoskeletal Paxillin and Vimentin Proteins Via Caspases. <i>Journal of Immunology</i> , 2002, 168, 1419-1427.	0.8	75
16	Mechanisms involved in interleukin-15-induced suppression of human neutrophil apoptosis: role of the anti-apoptotic Mcl-1 protein and several kinases including Janus kinase-2, p38 mitogen-activated protein kinase and extracellular signal-regulated kinases. <i>FEBS Letters</i> , 2002, 532, 164-170.	2.8	74
17	Extracellular Flux Analysis to Monitor Glycolytic Rates and Mitochondrial Oxygen Consumption. <i>Methods in Enzymology</i> , 2014, 542, 125-149.	1.0	67
18	Recruitment of A20 by the C-terminal domain of NEMO suppresses NF- $\kappa$ B activation and autoinflammatory disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1612-1617.	7.1	65

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19	New tricks from an old dog: Mitochondrial redox signaling in cellular inflammation. <i>Seminars in Immunology</i> , 2012, 24, 384-392.	5.6	53
20	Angiopoietin chemotactic activities on neutrophils are regulated by PI-3K activation. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1093-1101.	3.3	51
21	ICAM1+ neutrophils promote chronic inflammation via ASPRV1 in B cell-dependent autoimmune encephalomyelitis. <i>JCI Insight</i> , 2017, 2, .	5.0	48
22	Molecular mechanisms involved in interleukin-4-induced human neutrophils: expression and regulation of suppressor of cytokine signaling. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1287-1296.	3.3	46
23	Modulation of human neutrophil survival and antigen expression by activated CD4+ and CD8+ T cells. <i>Journal of Leukocyte Biology</i> , 2010, 88, 1163-1170.	3.3	44
24	Anti-mitochondrial autoantibodies in systemic lupus erythematosus and their association with disease manifestations. <i>Scientific Reports</i> , 2019, 9, 4530.	3.3	43
25	Functional responses of human neutrophils to sodium sulfite (Na2SO3) in vitro. <i>Human and Experimental Toxicology</i> , 1998, 17, 600-605.	2.2	37
26	Activation of Human Neutrophils by the Pollutant Sodium Sulfite: Effect on Cytokine Production, Chemotaxis, and Cell Surface Expression of Cell Adhesion Molecules. <i>Clinical Immunology</i> , 2002, 105, 169-175.	3.2	37
27	Activation of Human Epithelial Lung A549 Cells by the Pollutant Sodium Sulfite: Enhancement of Neutrophil Adhesion. <i>Toxicological Sciences</i> , 2002, 69, 210-216.	3.1	30
28	Activation of Human Neutrophils by the Air Pollutant Sodium Sulfite (Na2SO3): Comparison with Immature Promyelocytic HL-60 and DMSO-Differentiated HL-60 Cells Reveals That Na2SO3 Is a Neutrophil but Not a HL-60 Cell Agonist. <i>Clinical Immunology</i> , 2000, 96, 131-139.	3.2	29
29	Interleukin-15 increases neutrophil adhesion onto human respiratory epithelial A549 cells and attracts neutrophils in vivo. <i>Clinical and Experimental Immunology</i> , 2005, 141, 315-325.	2.6	28
30	Activation of Human Neutrophils by Technical Toxaphene. <i>Clinical Immunology</i> , 2001, 98, 46-53.	3.2	27
31	Toxaphene, but Not Beryllium, Induces Human Neutrophil Chemotaxis and Apoptosis via Reactive Oxygen Species (ROS): Involvement of Caspases and ROS in the Degradation of Cytoskeletal Proteins. <i>Clinical Immunology</i> , 2002, 104, 40-48.	3.2	24
32	Bisphenol A, bisphenol S and their glucuronidated metabolites modulate glycolysis and functional responses of human neutrophils. <i>Environmental Research</i> , 2021, 196, 110336.	7.5	22
33	Biological Functions of Interleukin-21 and Its Role in Inflammation. <i>Scientific World Journal</i> , The, 2007, 7, 1715-1735.	2.1	21
34	Wishing Away Inflammation? New Links between Serotonin and TNF Signaling. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2009, 9, 299-301.	3.4	21
35	Impacts of endocrine-disrupting chemicals on prostate function and cancer. <i>Environmental Research</i> , 2022, 204, 112085.	7.5	20
36	Modulation of Interleukin-15-Induced Human Neutrophil Responses by the Plant Lectin <i>Viscum album</i> Agglutinin-I. <i>Clinical Immunology</i> , 2001, 101, 229-236.	3.2	19

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37	Differential Effects of IL-15 and IL-21 in Myeloid (CD11b+) and Lymphoid (CD11b <sup>hi</sup> ) Bone Marrow Cells. <i>Journal of Immunology</i> , 2006, 177, 100-108.	0.8	19
38	Endocrine-disrupting effects of bisphenols on urological cancers. <i>Environmental Research</i> , 2021, 195, 110485.	7.5	18
39	The evaluation of cytokines to help establish diagnosis and guide treatment of autoinflammatory and autoimmune diseases. <i>Journal of Leukocyte Biology</i> , 2020, 108, 647-657.	3.3	17
40	S100A9 potentiates the activation of neutrophils by the etiological agent of gout, monosodium urate crystals. <i>Journal of Leukocyte Biology</i> , 2017, 102, 805-813.	3.3	15
41	KLF5 and NFYA factors as novel regulators of prostate cancer cell metabolism. <i>Endocrine-Related Cancer</i> , 2021, 28, 257-271.	3.1	15
42	Merocytic Dendritic Cells Compose a Conventional Dendritic Cell Subset with Low Metabolic Activity. <i>Journal of Immunology</i> , 2020, 205, 121-132.	0.8	11
43	Arf6 regulates energy metabolism in neutrophils. <i>Free Radical Biology and Medicine</i> , 2021, 172, 550-561.	2.9	10
44	A FACS-Free Purification Method to Study Estrogen Signaling, Organoid Formation, and Metabolic Reprogramming in Mammary Epithelial Cells. <i>Frontiers in Endocrinology</i> , 2021, 12, 672466.	3.5	10
45	Bisphenol A Alters the Energy Metabolism of Stromal Cells and Could Promote Bladder Cancer Progression. <i>Cancers</i> , 2021, 13, 5461.	3.7	10
46	Dieldrin induces human neutrophil superoxide production via protein kinases C and tyrosine kinases. <i>Human and Experimental Toxicology</i> , 2002, 21, 415-420.	2.2	8
47	Expression of the myeloid inhibitory receptor CLEC12A correlates with disease activity and cytokines in early rheumatoid arthritis. <i>Scientific Reports</i> , 2021, 11, 11248.	3.3	8
48	Quinoline-3-carboxamides such as tasquinimod are not specific inhibitors of S100A9. <i>Blood Advances</i> , 2018, 2, 1170-1171.	5.2	7
49	Enhanced myelopoiesis and aggravated arthritis in S100a8-deficient mice. <i>PLoS ONE</i> , 2019, 14, e0221528.	2.5	7
50	The use of leukocytes <sup>TM</sup> secretome to individually target biological therapy in autoimmune arthritis: a case report. <i>Clinical and Translational Medicine</i> , 2019, 8, 19.	4.0	5
51	Heat-Inactivation of Fetal and Newborn Sera Did Not Impair the Expansion and Scaffold Engineering Potentials of Fibroblasts. <i>Bioengineering</i> , 2021, 8, 184.	3.5	5
52	P98 <sup>hi</sup> ...Neutrophils in lupus: a new phenotype. , 2020, , .		0