

Fernando O Martinez

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.

67
papers

18,569
citations

37
h-index

69
g-index

69
ext. papers

21,870
ext. citations

9.4
avg, IF

7.18
L-index

#	Paper	IF	Citations
67	Macrophage activation and polarization: nomenclature and experimental guidelines. <i>Immunity</i> , 2014 , 41, 14-20	32.3	3249
66	Alternative activation of macrophages: mechanism and functions. <i>Immunity</i> , 2010 , 32, 593-604	32.3	2673
65	The M1 and M2 paradigm of macrophage activation: time for reassessment. <i>F1000prime Reports</i> , 2014 , 6, 13		2632
64	Macrophage activation and polarization. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 453-61	2.8	2087
63	Alternative activation of macrophages: an immunologic functional perspective. <i>Annual Review of Immunology</i> , 2009 , 27, 451-83	34.7	1997
62	Transcriptional profiling of the human monocyte-to-macrophage differentiation and polarization: new molecules and patterns of gene expression. <i>Journal of Immunology</i> , 2006 , 177, 7303-11	5.3	1690
61	Macrophage heterogeneity in tissues: phenotypic diversity and functions. <i>Immunological Reviews</i> , 2014 , 262, 36-55	11.3	423
60	Genetic programs expressed in resting and IL-4 alternatively activated mouse and human macrophages: similarities and differences. <i>Blood</i> , 2013 , 121, e57-69	2.2	340
59	Noncompetitive allosteric inhibitors of the inflammatory chemokine receptors CXCR1 and CXCR2: prevention of reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11791-6	11.5	270
58	Mutations in the NOTCH pathway regulator MIB1 cause left ventricular noncompaction cardiomyopathy. <i>Nature Medicine</i> , 2013 , 19, 193-201	50.5	232
57	The transcription factors Slug and Snail act as repressors of Claudin-1 expression in epithelial cells. <i>Biochemical Journal</i> , 2006 , 394, 449-57	3.8	222
56	Cholesterol loading reprograms the microRNA-143/145-myocardin axis to convert aortic smooth muscle cells to a dysfunctional macrophage-like phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 535-46	9.4	190
55	Analysis of the gene expression profile activated by the CC chemokine ligand 5/RANTES and by lipopolysaccharide in human monocytes. <i>Journal of Immunology</i> , 2002 , 168, 3557-62	5.3	155
54	CBP30, a selective CBP/p300 bromodomain inhibitor, suppresses human Th17 responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10768-73	11.5	150
53	Anti-inflammatory effects of nicotinic acid in human monocytes are mediated by GPR109A dependent mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 669-76	9.4	139
52	Inflammation activation and resolution in human tendon disease. <i>Science Translational Medicine</i> , 2015 , 7, 311ra173	17.5	133
51	Transcriptional profiling reveals complex regulation of the monocyte IL-1 beta system by IL-13. <i>Journal of Immunology</i> , 2005 , 174, 834-45	5.3	124

50	Homogeneous monocytes and macrophages from human embryonic stem cells following coculture-free differentiation in M-CSF and IL-3. <i>Experimental Hematology</i> , 2008 , 36, 1167-75	3.1	119
49	Sequential Notch activation regulates ventricular chamber development. <i>Nature Cell Biology</i> , 2016 , 18, 7-20	23.4	116
48	Differential regulation of chemokine production by Fcγ receptor engagement in human monocytes: association of CCL1 with a distinct form of M2 monocyte activation (M2b, Type 2). <i>Journal of Leukocyte Biology</i> , 2006 , 80, 342-9	6.5	114
47	Distinct transcriptional programs activated by interleukin-10 with or without lipopolysaccharide in dendritic cells: induction of the B cell-activating chemokine, CXCL13. <i>Journal of Immunology</i> , 2004 , 172, 7031-42	5.3	101
46	Regulators of macrophage activation. <i>European Journal of Immunology</i> , 2011 , 41, 1531-4	6.1	98
45	Stage-specific sampling by pattern recognition receptors during <i>Candida albicans</i> phagocytosis. <i>PLoS Pathogens</i> , 2008 , 4, e1000218	7.6	98
44	The MyD88-independent pathway is not mobilized in human neutrophils stimulated via TLR4. <i>Journal of Immunology</i> , 2007 , 178, 7344-56	5.3	91
43	Multinucleated Giant Cells Are Specialized for Complement-Mediated Phagocytosis and Large Target Destruction. <i>Cell Reports</i> , 2015 , 13, 1937-48	10.6	90
42	Chronic inflammation is a feature of Achilles tendinopathy and rupture. <i>British Journal of Sports Medicine</i> , 2018 , 52, 359-367	10.3	84
41	Essential role of DAP12 signaling in macrophage programming into a fusion-competent state. <i>Science Signaling</i> , 2008 , 1, ra11	8.8	82
40	Chronic exposure to glucocorticoids shapes gene expression and modulates innate and adaptive activation pathways in macrophages with distinct changes in leukocyte attraction. <i>Journal of Immunology</i> , 2014 , 192, 1196-208	5.3	61
39	Transcriptional profiling of macrophages derived from monocytes and iPS cells identifies a conserved response to LPS and novel alternative transcription. <i>Scientific Reports</i> , 2015 , 5, 12524	4.9	61
38	Persistent stromal fibroblast activation is present in chronic tendinopathy. <i>Arthritis Research and Therapy</i> , 2017 , 19, 16	5.7	58
37	Hepatic Localization of Macrophage Phenotypes during Fibrogenesis and Resolution of Fibrosis in Mice and Humans. <i>Frontiers in Immunology</i> , 2014 , 5, 430	8.4	51
36	Monocyte activation in systemic Covid-19 infection: Assay and rationale. <i>EBioMedicine</i> , 2020 , 59, 1029648.8		44
35	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014 , 41, 339-340	32.3	41
34	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. <i>JCI Insight</i> , 2017 , 2, e91868	9.9	39
33	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. <i>Journal of Neuroscience Research</i> , 2004 , 78, 371-82	4.4	38

32	The Elusive Role of Placental Macrophages: The Hofbauer Cell. <i>Journal of Innate Immunity</i> , 2019 , 11, 447-456	4.56	37
31	Albumin-derived advanced glycation end-products trigger the disruption of the vascular endothelial cadherin complex in cultured human and murine endothelial cells. <i>Biochemical Journal</i> , 2001 , 359, 567-74	3.8	37
30	Deficiency of MMP17/MT4-MMP proteolytic activity predisposes to aortic aneurysm in mice. <i>Circulation Research</i> , 2015 , 117, e13-26	15.7	36
29	Selective modulation of protein kinase A I and II reveals distinct roles in thyroid cell gene expression and growth. <i>Molecular Endocrinology</i> , 2006 , 20, 3196-211		33
28	The transcriptome of human monocyte subsets begins to emerge. <i>Journal of Biology</i> , 2009 , 8, 99		32
27	Oxidative stress and macrophages: driving forces behind exacerbations of asthma and chronic obstructive pulmonary disease?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L369-L384	5.8	28
26	Macrophage Heterogeneity in the Immunopathogenesis of Tuberculosis. <i>Frontiers in Microbiology</i> , 2018 , 9, 1028	5.7	27
25	Tuning of innate immunity and polarized responses by decoy receptors. <i>International Archives of Allergy and Immunology</i> , 2003 , 132, 109-15	3.7	26
24	The evolution of our understanding of macrophages and translation of findings toward the clinic. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 5-13	5.1	25
23	IL-8 induces a specific transcriptional profile in human neutrophils: synergism with LPS for IL-1 production. <i>European Journal of Immunology</i> , 2004 , 34, 2286-92	6.1	25
22	Mass cytometry analysis reveals a distinct immune environment in peritoneal fluid in endometriosis: a characterisation study. <i>BMC Medicine</i> , 2020 , 18, 3	11.4	21
21	Beneficial bacteria activate type-I interferon production via the intracellular cytosolic sensors STING and MAVS. <i>Gut Microbes</i> , 2020 , 11, 771-788	8.8	20
20	G3BP1 restricts HIV-1 replication in macrophages and T-cells by sequestering viral RNA. <i>Virology</i> , 2015 , 486, 94-104	3.6	19
19	Analysis of gene expression and gene silencing in human macrophages. <i>Current Protocols in Immunology</i> , 2012 , Chapter 14, Unit 14.28.1-23	4	17
18	WT1 regulates the expression of inhibitory chemokines during heart development. <i>Human Molecular Genetics</i> , 2013 , 22, 5083-95	5.6	17
17	Epicardial cell shape and maturation are regulated by Wt1 via transcriptional control of. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	15
16	Lactobacilli Isolated From Wild Boar () Antagonize Bacille Calmette-Guerin (BCG) in a Species-Dependent Manner. <i>Frontiers in Microbiology</i> , 2019 , 10, 1663	5.7	13
15	E-cadherin cleavage by MT2-MMP regulates apical junctional signaling and epithelial homeostasis in the intestine. <i>Journal of Cell Science</i> , 2017 , 130, 4013-4027	5.3	12

14	Foam Cells Control Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 1394	5.7	12
13	Regulation of the chemokine system at the level of chemokine receptor expression and signaling activity. <i>Immunobiology</i> , 2001 , 204, 536-42	3.4	11
12	Pathogen-induced inflammation is attenuated by the iminosugar MON-DNJ via modulation of the unfolded protein response. <i>Immunology</i> , 2021 , 164, 587-601	7.8	3
11	Adipoclast: a multinucleated fat-eating macrophage. <i>BMC Biology</i> , 2021 , 19, 246	7.3	2
10	CSF1R defines the mononuclear phagocyte system lineage in human blood in health and COVID-19. <i>Immunotherapy Advances</i> , 2021 , 1,		2
9	Neuropeptide S receptor 1 is a nonhormonal treatment target in endometriosis. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	2
8	The Macrophage Transcriptome 2014 , 559-585		1
7	Wildlife symbiotic bacteria are indicators of the health status of the host and its ecosystem. <i>Applied and Environmental Microbiology</i> , 2021 , AEM0138521	4.8	1
6	Alternative Activation of Macrophages: Concepts and Prospects 2014 , 59-76		1
5	CD9 and ITGA3 are regulated during HIV-1 infection in macrophages to support viral replication. <i>Virology</i> , 2021 , 562, 9-18	3.6	1
4	Foam Cell Macrophages in Tuberculosis.. <i>Frontiers in Immunology</i> , 2021 , 12, 775326	8.4	0
3	23 Diversity Of Macrophage Signatures Across A Spectrum Of Supraspinatus Pathology. <i>British Journal of Sports Medicine</i> , 2014 , 48, A15-A16	10.3	
2	Analysis of global gene expression profiles activated by chemoattractant receptors. <i>Methods in Molecular Biology</i> , 2006 , 332, 313-29	1.4	
1	The Cellular and Molecular Network of IL-4 and IL-13 2016 , 519-524		