

Fernando O Martinez

List of Publications by Year in descending order

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papers

24,030
citations

76326

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docs citations

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times ranked

36127
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 14-20.	14.3	4,638
2	The M1 and M2 paradigm of macrophage activation: time for reassessment. <i>F1000prime Reports</i> , 2014, 6, 13.	5.9	3,530
3	Alternative Activation of Macrophages: Mechanism and Functions. <i>Immunity</i> , 2010, 32, 593-604.	14.3	3,322
4	Macrophage activation and polarization. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 453.	3.0	2,558
5	Alternative Activation of Macrophages: An Immunologic Functional Perspective. <i>Annual Review of Immunology</i> , 2009, 27, 451-483.	21.8	2,380
6	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, 7303-7311.	0.8	2,062
7	Macrophage heterogeneity in tissues: phenotypic diversity and functions. <i>Immunological Reviews</i> , 2014, 262, 36-55.	6.0	575
8	Genetic programs expressed in resting and IL-4 alternatively activated mouse and human macrophages: similarities and differences. <i>Blood</i> , 2013, 121, e57-e69.	1.4	426
9	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, 11791-11796.	7.1	310
10	Mutations in the NOTCH pathway regulator MIB1 cause left ventricular noncompaction cardiomyopathy. <i>Nature Medicine</i> , 2013, 19, 193-201.	30.7	296
11	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, 535-546.	2.4	261
12	The transcription factors Slug and Snail act as repressors of Claudin-1 expression in epithelial cells. <i>Biochemical Journal</i> , 2006, 394, 449-457.	3.7	243
13	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, 10768-10773.	7.1	200
14	Inflammation activation and resolution in human tendon disease. <i>Science Translational Medicine</i> , 2015, 7, 311ra173.	12.4	192
15	Anti-Inflammatory Effects of Nicotinic Acid in Human Monocytes Are Mediated by GPR109A Dependent Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 669-676.	2.4	169
16	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, 3557-3562.	0.8	164
17	Sequential Notch activation regulates ventricular chamber development. <i>Nature Cell Biology</i> , 2016, 18, 7-20.	10.3	156
18	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, 1167-1175.	0.4	143

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19	Chronic inflammation is a feature of Achilles tendinopathy and rupture. <i>British Journal of Sports Medicine</i> , 2018, 52, 359-367.	6.7	140
20	Transcriptional Profiling Reveals Complex Regulation of the Monocyte IL-1 β System by IL-13. <i>Journal of Immunology</i> , 2005, 174, 834-845.	0.8	132
21	Differential regulation of chemokine production by Fc γ 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, 342-349.	3.3	131
22	Multinucleated Giant Cells Are Specialized for Complement-Mediated Phagocytosis and Large Target Destruction. <i>Cell Reports</i> , 2015, 13, 1937-1948.	6.4	123
23	Regulators of macrophage activation. <i>European Journal of Immunology</i> , 2011, 41, 1531-1534.	2.9	118
24	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, 7031-7042.	0.8	113
25	Stage-Specific Sampling by Pattern Recognition Receptors during <i>Candida albicans</i> Phagocytosis. <i>PLoS Pathogens</i> , 2008, 4, e1000218.	4.7	110
26	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
27	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.	3.3	94
28	Essential Role of DAP12 Signaling in Macrophage Programming into a Fusion-Competent State. <i>Science Signaling</i> , 2008, 1, ra11.	3.6	92
29	Monocyte activation in systemic Covid-19 infection: Assay and rationale. <i>EBioMedicine</i> , 2020, 59, 102964.	6.1	80
30	Hepatic Localization of Macrophage Phenotypes during Fibrogenesis and Resolution of Fibrosis in Mice and Humans. <i>Frontiers in Immunology</i> , 2014, 5, 430.	4.8	79
31	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, 1196-1208.	0.8	78
32	Persistent stromal fibroblast activation is present in chronic tendinopathy. <i>Arthritis Research and Therapy</i> , 2017, 19, 16.	3.5	73
33	The Elusive Role of Placental Macrophages: The Hofbauer Cell. <i>Journal of Innate Immunity</i> , 2019, 11, 447-456.	3.8	71
34	Macrophage Heterogeneity in the Immunopathogenesis of Tuberculosis. <i>Frontiers in Microbiology</i> , 2018, 9, 1028.	3.5	59
35	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.	5.0	59
36	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.	2.9	55

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37	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 339-340.	14.3	53
38	Deficiency of MMP17/MT4-MMP Proteolytic Activity Predisposes to Aortic Aneurysm in Mice. <i>Circulation Research</i> , 2015, 117, e13-26.	4.5	53
39	Mass cytometry analysis reveals a distinct immune environment in peritoneal fluid in endometriosis: a characterisation study. <i>BMC Medicine</i> , 2020, 18, 3.	5.5	49
40	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. <i>Journal of Neuroscience Research</i> , 2004, 78, 371-382.	2.9	42
41	Beneficial bacteria activate type-I interferon production via the intracellular cytosolic sensors STING and MAVS. <i>Gut Microbes</i> , 2020, 11, 771-788.	9.8	42
42	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.	3.7	41
43	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, 3196-3211.	3.7	38
44	The transcriptome of human monocyte subsets begins to emerge. <i>Journal of Biology</i> , 2009, 8, 99.	2.7	37
45	Tuning of Innate Immunity and Polarized Responses by Decoy Receptors. <i>International Archives of Allergy and Immunology</i> , 2003, 132, 109-115.	2.1	30
46	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, 2286-2292.	2.9	30
47	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.	3.0	28
48	Foam Cells Control Mycobacterium tuberculosis Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1394.	3.5	28
49	WT1 regulates the expression of inhibitory chemokines during heart development. <i>Human Molecular Genetics</i> , 2013, 22, 5083-5095.	2.9	24
50	Neuropeptide S receptor 1 is a nonhormonal treatment target in endometriosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	23
51	G3BP1 restricts HIV-1 replication in macrophages and T-cells by sequestering viral RNA. <i>Virology</i> , 2015, 486, 94-104.	2.4	22
52	Lactobacilli Isolated From Wild Boar (<i>Sus scrofa</i>) Antagonize <i>Mycobacterium bovis</i> Bacille Calmette-Guerin (BCG) in a Species-Dependent Manner. <i>Frontiers in Microbiology</i> , 2019, 10, 1663.	3.5	22
53	Epicardial cell shape and maturation are regulated by Wt1 via transcriptional control of <i>Bmp4</i> . <i>Development (Cambridge)</i> , 2019, 146, .	2.5	22
54	Analysis of Gene Expression and Gene Silencing in Human Macrophages. <i>Current Protocols in Immunology</i> , 2012, 96, Unit 14.28.1-23.	3.6	21

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55	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.	2.0	20
56	Adipoclast: a multinucleated fat-eating macrophage. <i>BMC Biology</i> , 2021, 19, 246.	3.8	15
57	Foam Cell Macrophages in Tuberculosis. <i>Frontiers in Immunology</i> , 2021, 12, 775326.	4.8	15
58	Regulation of the Chemokine System at the Level of Chemokine Receptor Expression and Signaling Activity. <i>Immunobiology</i> , 2001, 204, 536-542.	1.9	11
59	CSF1R defines the mononuclear phagocyte system lineage in human blood in health and COVID-19. <i>Immunotherapy Advances</i> , 2021, 1, .	3.0	10
60	Wildlife Symbiotic Bacteria Are Indicators of the Health Status of the Host and Its Ecosystem. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0138521.	3.1	8
61	Pathogen-induced inflammation is attenuated by the iminosugar M O NDNJ via modulation of the unfolded protein response. <i>Immunology</i> , 2021, 164, 587-601.	4.4	6
62	CD9 and ITGA3 are regulated during HIV-1 infection in macrophages to support viral replication. <i>Virology</i> , 2021, 562, 9-18.	2.4	3
63	The Macrophage Transcriptome. , 2014, , 559-585.		1
64	Alternative Activation of Macrophages: Concepts and Prospects. , 2014, , 59-76.		1
65	Analysis of Global Gene Expression Profiles Activated by Chemoattractant Receptors. , 2006, 332, 311-330.		0
66	23 Diversity Of Macrophage Signatures Across A Spectrum Of Supraspinatus Pathology: Abstract 23 Table 1. <i>British Journal of Sports Medicine</i> , 2014, 48, A15-A16.	6.7	0
67	The Cellular and Molecular Network of IL-4 and IL-13. , 2016, , 519-524.		0