Fernando O Martinez

List of Publications by Year in Descending Order

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	Wildlife symbiotic bacteria are indicators of the health status of the host and its ecosystem. *Applied and Environmental Microbiology*, **2021**, AEM0138521	4.8	1
66	Adipoclast: a multinucleated fat-eating macrophage. *BMC Biology*, **2021**, 19, 246	7.3	2
65	CSF1R defines the mononuclear phagocyte system lineage in human blood in health and COVID-19. *Immunotherapy Advances*, **2021**, 1,		2
64	Neuropeptide S receptor 1 is a nonhormonal treatment target in endometriosis. *Science Translational Medicine*, **2021**, 13,	17.5	2
63	Pathogen-induced inflammation is attenuated by the iminosugar MON-DNJ via modulation of the unfolded protein response. *Immunology*, **2021**, 164, 587-601	7.8	3
62	CD9 and ITGA3 are regulated during HIV-1 infection in macrophages to support viral replication. *Virology*, **2021**, 562, 9-18	3.6	1
61	Foam Cell Macrophages in Tuberculosis.. *Frontiers in Immunology*, **2021**, 12, 775326	8.4	0
60	Foam Cells Control Infection. *Frontiers in Microbiology*, **2020**, 11, 1394	5.7	12
59	Beneficial bacteria activate type-I interferon production via the intracellular cytosolic sensors STING and MAVS. *Gut Microbes*, **2020**, 11, 771-788	8.8	20
58	Mass cytometry analysis reveals a distinct immune environment in peritoneal fluid in endometriosis: a characterisation study. *BMC Medicine*, **2020**, 18, 3	11.4	21
57	Monocyte activation in systemic Covid-19 infection: Assay and rationale. *EBioMedicine*, **2020**, 59, 102964	8.8	44
56	Epicardial cell shape and maturation are regulated by Wt1 via transcriptional control of. *Development (Cambridge)*, **2019**, 146,	6.6	15
55	The Elusive Role of Placental Macrophages: The Hofbauer Cell. *Journal of Innate Immunity*, **2019**, 11, 447-456	6.6	37
54	Lactobacilli Isolated From Wild Boar () Antagonize Bacille Calmette-Guerin (BCG) in a Species-Dependent Manner. *Frontiers in Microbiology*, **2019**, 10, 1663	5.7	13
53	Oxidative stress and macrophages: driving forces behind exacerbations of asthma and chronic obstructive pulmonary disease?. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2019**, 316, L369-L384	5.8	28
52	Macrophage Heterogeneity in the Immunopathogenesis of Tuberculosis. *Frontiers in Microbiology*, **2018**, 9, 1028	5.7	27
51	Chronic inflammation is a feature of Achilles tendinopathy and rupture. *British Journal of Sports Medicine*, **2018**, 52, 359-367	10.3	84

50	Persistent stromal fibroblast activation is present in chronic tendinopathy. *Arthritis Research and Therapy*, **2017**, 19, 16	5.7	58
49	E-cadherin cleavage by MT2-MMP regulates apical junctional signaling and epithelial homeostasis in the intestine. *Journal of Cell Science*, **2017**, 130, 4013-4027	5.3	12
48	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. *JCI Insight*, **2017**, 2, e91868	9.9	39
47	Sequential Notch activation regulates ventricular chamber development. *Nature Cell Biology*, **2016**, 18, 7-20	23.4	116
46	The Cellular and Molecular Network of IL-4 and IL-13 **2016**, 519-524		
45	Deficiency of MMP17/MT4-MMP proteolytic activity predisposes to aortic aneurysm in mice. *Circulation Research*, **2015**, 117, e13-26	15.7	36
44	Inflammation activation and resolution in human tendon disease. *Science Translational Medicine*, **2015**, 7, 311ra173	17.5	133
43	CBP30, a selective CBP/p300 bromodomain inhibitor, suppresses human Th17 responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 10768-73	11.5	150
42	G3BP1 restricts HIV-1 replication in macrophages and T-cells by sequestering viral RNA. *Virology*, **2015**, 486, 94-104	3.6	19
41	Transcriptional profiling of macrophages derived from monocytes and iPS cells identifies a conserved response to LPS and novel alternative transcription. *Scientific Reports*, **2015**, 5, 12524	4.9	61
40	Multinucleated Giant Cells Are Specialized for Complement-Mediated Phagocytosis and Large Target Destruction. *Cell Reports*, **2015**, 13, 1937-48	10.6	90
39	The evolution of our understanding of macrophages and translation of findings toward the clinic. *Expert Review of Clinical Immunology*, **2015**, 11, 5-13	5.1	25
38	Cholesterol loading reprograms the microRNA-143/145-myocardin axis to convert aortic smooth muscle cells to a dysfunctional macrophage-like phenotype. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 535-46	9.4	190
37	Chronic exposure to glucocorticoids shapes gene expression and modulates innate and adaptive activation pathways in macrophages with distinct changes in leukocyte attraction. *Journal of Immunology*, **2014**, 192, 1196-208	5.3	61
36	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. *Immunity*, **2014**, 41, 339-340	32.3	41
35	Macrophage activation and polarization: nomenclature and experimental guidelines. *Immunity*, **2014**, 41, 14-20	32.3	3249
34	The M1 and M2 paradigm of macrophage activation: time for reassessment. *F1000prime Reports*, **2014**, 6, 13		2632
33	23 Diversity Of Macrophage Signatures Across A Spectrum Of Supraspinatus Pathology. *British Journal of Sports Medicine*, **2014**, 48, A15-A16	10.3	

32	Hepatic Localization of Macrophage Phenotypes during Fibrogenesis and Resolution of Fibrosis in Mice and Humans. *Frontiers in Immunology*, **2014**, 5, 430	8.4	51
31	Macrophage heterogeneity in tissues: phenotypic diversity and functions. *Immunological Reviews*, **2014**, 262, 36-55	11.3	423
30	The Macrophage Transcriptome **2014**, 559-585		1
29	Alternative Activation of Macrophages: Concepts and Prospects **2014**, 59-76		1
28	Genetic programs expressed in resting and IL-4 alternatively activated mouse and human macrophages: similarities and differences. *Blood*, **2013**, 121, e57-69	2.2	340
27	Mutations in the NOTCH pathway regulator MIB1 cause left ventricular noncompaction cardiomyopathy. *Nature Medicine*, **2013**, 19, 193-201	50.5	232
26	WT1 regulates the expression of inhibitory chemokines during heart development. *Human Molecular Genetics*, **2013**, 22, 5083-95	5.6	17
25	Analysis of gene expression and gene silencing in human macrophages. *Current Protocols in Immunology*, **2012**, Chapter 14, Unit 14.28.1-23	4	17
24	Anti-inflammatory effects of nicotinic acid in human monocytes are mediated by GPR109A dependent mechanisms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 669-76	9.4	139
23	Regulators of macrophage activation. *European Journal of Immunology*, **2011**, 41, 1531-4	6.1	98
22	Alternative activation of macrophages: mechanism and functions. *Immunity*, **2010**, 32, 593-604	32.3	2673
21	The transcriptome of human monocyte subsets begins to emerge. *Journal of Biology*, **2009**, 8, 99		32
20	Alternative activation of macrophages: an immunologic functional perspective. *Annual Review of Immunology*, **2009**, 27, 451-83	34.7	1997
19	Homogeneous monocytes and macrophages from human embryonic stem cells following coculture-free differentiation in M-CSF and IL-3. *Experimental Hematology*, **2008**, 36, 1167-75	3.1	119
18	Essential role of DAP12 signaling in macrophage programming into a fusion-competent state. *Science Signaling*, **2008**, 1, ra11	8.8	82
17	Stage-specific sampling by pattern recognition receptors during Candida albicans phagocytosis. *PLoS Pathogens*, **2008**, 4, e1000218	7.6	98
16	Macrophage activation and polarization. *Frontiers in Bioscience - Landmark*, **2008**, 13, 453-61	2.8	2087
15	The MyD88-independent pathway is not mobilized in human neutrophils stimulated via TLR4. *Journal of Immunology*, **2007**, 178, 7344-56	5.3	91

14	Selective modulation of protein kinase A I and II reveals distinct roles in thyroid cell gene expression and growth. *Molecular Endocrinology*, **2006**, 20, 3196-211		33
13	Analysis of global gene expression profiles activated by chemoattractant receptors. *Methods in Molecular Biology*, **2006**, 332, 313-29	1.4	
12	Differential regulation of chemokine production by Fcgamma receptor engagement in human monocytes: association of CCL1 with a distinct form of M2 monocyte activation (M2b, Type 2). *Journal of Leukocyte Biology*, **2006**, 80, 342-9	6.5	114
11	Transcriptional profiling of the human monocyte-to-macrophage differentiation and polarization: new molecules and patterns of gene expression. *Journal of Immunology*, **2006**, 177, 7303-11	5.3	1690
10	The transcription factors Slug and Snail act as repressors of Claudin-1 expression in epithelial cells. *Biochemical Journal*, **2006**, 394, 449-57	3.8	222
9	Transcriptional profiling reveals complex regulation of the monocyte IL-1 beta system by IL-13. *Journal of Immunology*, **2005**, 174, 834-45	5.3	124
8	Distinct transcriptional programs activated by interleukin-10 with or without lipopolysaccharide in dendritic cells: induction of the B cell-activating chemokine, CXC chemokine ligand 13. *Journal of Immunology*, **2004**, 172, 7031-42	5.3	101
7	Noncompetitive allosteric inhibitors of the inflammatory chemokine receptors CXCR1 and CXCR2: prevention of reperfusion injury. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11791-6	11.5	270
6	IL-8 induces a specific transcriptional profile in human neutrophils: synergism with LPS for IL-1 production. *European Journal of Immunology*, **2004**, 34, 2286-92	6.1	25
5	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. *Journal of Neuroscience Research*, **2004**, 78, 371-82	4.4	38
4	Tuning of innate immunity and polarized responses by decoy receptors. *International Archives of Allergy and Immunology*, **2003**, 132, 109-15	3.7	26
3	Analysis of the gene expression profile activated by the CC chemokine ligand 5/RANTES and by lipopolysaccharide in human monocytes. *Journal of Immunology*, **2002**, 168, 3557-62	5.3	155
2	Albumin-derived advanced glycation end-products trigger the disruption of the vascular endothelial cadherin complex in cultured human and murine endothelial cells. *Biochemical Journal*, **2001**, 359, 567-74	3.8	37
1	Regulation of the chemokine system at the level of chemokine receptor expression and signaling activity. *Immunobiology*, **2001**, 204, 536-42	3.4	11