

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.

104 papers	4,452 citations	35 h-index	64 g-index
107 ext. papers	5,052 ext. citations	4.8 avg, IF	5.4 L-index

#	Paper	IF	Citations
104	Gut-Microbiota-Brain Axis and Its Effect on Neuropsychiatric Disorders With Suspected Immune Dysregulation. <i>Clinical Therapeutics</i> , 2015 , 37, 984-95	3.5	325
103	Differential release of mast cell mediators and the pathogenesis of inflammation. <i>Immunological Reviews</i> , 2007 , 217, 65-78	11.3	314
102	Mast cells: the Jekyll and Hyde of tumor growth. <i>Trends in Immunology</i> , 2004 , 25, 235-41	14.4	262
101	Mast cells as targets of corticotropin-releasing factor and related peptides. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 563-8	13.2	246
100	IL-33 augments substance P-induced VEGF secretion from human mast cells and is increased in psoriatic skin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4448-53	11.5	225
99	Elevated circulating levels of monocyte chemoattractant protein-1 in patients with restenosis after coronary angioplasty. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 327-34	9.4	189
98	IL-10, an inflammatory/inhibitory cytokine, but not always. <i>Immunology Letters</i> , 2003 , 86, 123-9	4.1	176
97	Impact of Rantes and MCP-1 Chemokines on In Vivo Basophilic Cell Recruitment in Rat Skin Injection Model and Their Role in Modifying the Protein and mRNA Levels for Histidine Decarboxylase. <i>Blood</i> , 1997 , 89, 4120-4127	2.2	116
96	Key Role of DAMP in Inflammation, Cancer, and Tissue Repair. <i>Clinical Therapeutics</i> , 2016 , 38, 1017-28	3.5	109
95	Treatment with an acetylcholinesterase inhibitor in Alzheimer patients modulates the expression and production of the pro-inflammatory and anti-inflammatory cytokines. <i>Journal of Neuroimmunology</i> , 2004 , 148, 162-71	3.5	101
94	Reduced mitogenic stimulation of human lymphocytes by extremely low frequency electromagnetic fields. <i>FEBS Letters</i> , 1983 , 162, 156-60	3.8	90
93	Atherosclerosis: a chronic inflammatory disease mediated by mast cells. <i>Central-European Journal of Immunology</i> , 2015 , 40, 380-6	1.6	85
92	SP and IL-33 together markedly enhance TNF synthesis and secretion from human mast cells mediated by the interaction of their receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4002-E4009	11.5	81
91	IL-10 subfamily members: IL-19, IL-20, IL-22, IL-24 and IL-26. <i>Immunology Letters</i> , 2003 , 88, 171-4	4.1	71
90	A comprehensive outlook on intracerebral therapy of malignant gliomas. <i>Critical Reviews in Oncology/Hematology</i> , 2011 , 80, 54-68	7	70
89	Intramuscular injection of hrRANTES causes mast cell recruitment and increased transcription of histidine decarboxylase in mice: lack of effects in genetically mast cell-deficient W/WV mice. <i>FASEB Journal</i> , 1998 , 12, 1693-700	0.9	68
88	Targeting IL-33 in autoimmunity and inflammation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 24-31	4.7	65

87	Monocyte chemotactic protein 1 (MCP-1) is a mitogen for cultured rat vascular smooth muscle cells. <i>Journal of Vascular Research</i> , 1997 , 34, 58-65	1.9	58
86	Progression in migraine: Role of mast cells and pro-inflammatory and anti-inflammatory cytokines. <i>European Journal of Pharmacology</i> , 2019 , 844, 87-94	5.3	57
85	Treatment of chronic idiopathic urticaria and positive autologous serum skin test with cyclosporine: clinical and immunological evaluation. <i>Allergy and Asthma Proceedings</i> , 2003 , 24, 285-90	2.6	55
84	RANTES production and expression is reduced in relapsing-remitting multiple sclerosis patients treated with interferon-beta-1b. <i>Journal of Neuroimmunology</i> , 2000 , 107, 100-7	3.5	54
83	Anti-inflammatory effects of hypoxia-preconditioned human periodontal ligament cell secretome in an experimental model of multiple sclerosis: a key role of IL-37. <i>FASEB Journal</i> , 2017 , 31, 5592-5608	0.9	52
82	Novel therapeutic targets for autism. <i>Trends in Pharmacological Sciences</i> , 2008 , 29, 375-82	13.2	48
81	Modulation of MCP-1 and iNOS by 50-Hz sinusoidal electromagnetic field. <i>Nitric Oxide - Biology and Chemistry</i> , 2006 , 15, 50-7	5	48
80	Role of mast cells in tumor growth. <i>Annals of Clinical and Laboratory Science</i> , 2007 , 37, 315-22	0.9	48
79	Impact of stress and mast cells on brain metastases. <i>Journal of Neuroimmunology</i> , 2008 , 205, 1-7	3.5	46
78	Substance P and IL-33 administered together stimulate a marked secretion of IL-1 β from human mast cells, inhibited by methoxyluteolin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9381-E9390	11.5	46
77	The emerging role of melatonin agonists in the treatment of major depression: focus on agomelatine. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 119-32	2.6	45
76	Environmental and occupational stress and autoimmunity. <i>Autoimmunity Reviews</i> , 2008 , 7, 340-3	13.6	44
75	Spectrum of mast cell activation disorders. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 729-39	5.1	43
74	Human gingival mesenchymal stem cells pretreated with vesicular moringin nanostructures as a new therapeutic approach in a mouse model of spinal cord injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 1109-1121	4.4	42
73	Antidepressant therapy can improve adherence to antiretroviral regimens among HIV-infected and depressed patients. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 58-61	1.7	41
72	Inhibitory effect of quercetin on tryptase and interleukin-6 release, and histidine decarboxylase mRNA transcription by human mast cell-1 cell line. <i>Clinical and Experimental Medicine</i> , 2006 , 6, 150-6	4.9	40
71	Alzheimer patients treated with an AchE inhibitor show higher IL-4 and lower IL-1 beta levels and expression in peripheral blood mononuclear cells. <i>Journal of Clinical Psychopharmacology</i> , 2004 , 24, 314-21	1.7	39
70	Lymphocyte subset changes in blood and gastrointestinal mucosa after oral nickel challenge in nickel-sensitized women. <i>Contact Dermatitis</i> , 2000 , 43, 206-11	2.7	36

69	Important role of mast cells in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2016 , 5, 77-80	4	34
68	Localization of the e-NOS enzyme in endothelial cells and odontoblasts of healthy human dental pulp. <i>Life Sciences</i> , 2000 , 68, 297-306	6.8	32
67	Generation of TNF alpha, IFN gamma, IL-6, IL-4 and IL-10 in mouse serum from trichinellosis: effect of the anti-inflammatory compound 4-deoxypyridoxine (4-DPD). <i>Immunology Letters</i> , 1996 , 49, 179-84	4.1	32
66	Treatment with silybin-vitamin E-phospholipid complex in patients with hepatitis C infection. <i>Journal of Medical Virology</i> , 2008 , 80, 1900-6	19.7	31
65	IL-32 is increased along with tryptase in lesional psoriatic skin and is up-regulated by substance P in human mast cells. <i>European Journal of Dermatology</i> , 2010 , 20, 865-7	0.8	31
64	The relationship between Bcl-gene expression and learning and memory impairment in chronic aluminum-exposed rats. <i>Neurotoxicity Research</i> , 2007 , 12, 163-9	4.3	30
63	The Role of Mast Cells in Alzheimer's Disease. <i>Advances in Clinical and Experimental Medicine</i> , 2016 , 25, 781-7	1.8	30
62	Immune Modulation by Vitamin D: Special Emphasis on Its Role in Prevention and Treatment of Cancer. <i>Clinical Therapeutics</i> , 2017 , 39, 884-893	3.5	28
61	Differential production of RANTES and MCP-1 in synovial fluid from the inflamed human knee. <i>Immunology Letters</i> , 2002 , 80, 105-11	4.1	28
60	Neuroendocrinology of the skin. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 287-294	10.5	27
59	Effect of Electromagnetic Fields on Two Calcium Dependent Biological Systems. <i>Journal of Bioelectricity</i> , 1985 , 4, 227-236		27
58	Microglia and mast cells generate proinflammatory cytokines in the brain and worsen inflammatory state: Suppressor effect of IL-37. <i>European Journal of Pharmacology</i> , 2020 , 875, 173035	5.3	25
57	Production of MCP-1 and RANTES in bladder cancer patients after bacillus Calmette-Guerin immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2002 , 51, 91-8	7.4	25
56	Mast cell recruitment after subcutaneous injection of RANTES in the sole of the rat paw. <i>British Journal of Haematology</i> , 1998 , 103, 798-803	4.5	24
55	Synergistic activation of serum amyloid A (SAA) by IL-6 and IL-1 in combination on human Hep 3B hepatoma cell line. Role of PGE2 and IL-1 receptor antagonist. <i>Immunological Investigations</i> , 1995 , 24, 523-35	2.9	24
54	Interferon beta-1b modulates MCP-1 expression and production in relapsing-remitting multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2002 , 123, 170-9	3.5	23
53	Effects of low frequency electromagnetic fields on expression of lymphocyte subsets and production of cytokines of men and women employed in a museum. <i>Science of the Total Environment</i> , 2001 , 270, 13-20	10.2	23
52	Interleukin-16 network in inflammation and allergy. <i>Allergy and Asthma Proceedings</i> , 2002 , 23, 103-8	2.6	23

51	IL-37 is increased in brains of children with autism spectrum disorder and inhibits human microglia stimulated by neurotensin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21659-21665	11.5	22
50	Critical role of inflammatory mast cell in fibrosis: Potential therapeutic effect of IL-37. <i>Cell Proliferation</i> , 2018 , 51, e12475	7.9	22
49	RANTES is a pro-inflammatory chemokine and chemoattracts basophil cells to extravascular sites. <i>Journal of Pathology</i> , 1997 , 183, 352-8	9.4	22
48	The Epithelial-to-Mesenchymal Transition as a Possible Therapeutic Target in Fibrotic Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 607483	5.7	22
47	Brain inflammation, neuropsychiatric disorders, and immunoendocrine effects of luteolin. <i>Journal of Clinical Psychopharmacology</i> , 2014 , 34, 187-9	1.7	21
46	Impact of mast cells in mucosal immunity of intestinal inflammation: Inhibitory effect of IL-37. <i>European Journal of Pharmacology</i> , 2018 , 818, 294-299	5.3	20
45	MK-954 (losartan potassium) exerts endothelial protective effects against reperfusion injury: evidence of an e-NOS mRNA overexpression after global ischemia. <i>Atherosclerosis</i> , 2001 , 155, 53-9	3.1	19
44	Mast cells emerge as mediators of atherosclerosis: Special emphasis on IL-37 inhibition. <i>Tissue and Cell</i> , 2017 , 49, 393-400	2.7	18
43	Sodium chromo-glycate and palmitoylethanolamide: A possible strategy to treat mast cell-induced lung inflammation in COVID-19. <i>Medical Hypotheses</i> , 2020 , 143, 109856	3.8	18
42	Mast Cells May Regulate The Anti-Inflammatory Activity of IL-37. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
41	Impact of polyphenols on mast cells with special emphasis on the effect of quercetin and luteolin. <i>Central-European Journal of Immunology</i> , 2018 , 43, 476-481	1.6	16
40	Activated Mast Cells Mediate Low-Grade Inflammation in Type 2 Diabetes: Interleukin-37 Could Be Beneficial. <i>Canadian Journal of Diabetes</i> , 2018 , 42, 568-573	2.1	14
39	Human recombinant interleukin-1 receptor antagonist inhibits lymphocyte blastogenesis induced by concanavalin A. Restorative effect of hrIL-1. <i>FEBS Letters</i> , 1991 , 286, 137-41	3.8	14
38	IL-38 inhibits microglial inflammatory mediators and is decreased in amygdala of children with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16475-16480	11.5	13
37	Link between mast cells and bacteria: Antimicrobial defense, function and regulation by cytokines. <i>Medical Hypotheses</i> , 2017 , 106, 10-14	3.8	13
36	Inhibition of MCP-1 and MIP-2 transcription and translation by mimosine in muscle tissue infected with the parasite <i>Trichinella spiralis</i> . <i>Molecular and Cellular Biochemistry</i> , 2002 , 229, 129-37	4.2	13
35	Impact of extremely low frequency electromagnetic fields on CD4 expression in peripheral blood mononuclear cells. <i>Molecular and Cellular Biochemistry</i> , 1999 , 201, 49-55	4.2	12
34	Transcription and translation of the chemokines RANTES and MCP-1 in nasal polyps and mucosa in allergic and non-allergic rhinopathies. <i>Immunology Letters</i> , 2003 , 90, 71-5	4.1	11

33	Advances in Mast Cell Activation by IL-1 and IL-33 in Sjögren's Syndrome: Promising Inhibitory Effect of IL-37. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
32	New aspect of allergic contact dermatitis, an inflammatory skin disorder mediated by mast cells: Can IL-38 help?. <i>Medical Hypotheses</i> , 2020 , 139, 109687	3.8	9
31	Impact of mast cells in depression disorder: inhibitory effect of IL-37 (new frontiers). <i>Immunologic Research</i> , 2018 , 66, 323-331	4.3	9
30	Potential therapeutic use of IL-37: a key suppressor of innate immunity and allergic immune responses mediated by mast cells. <i>Immunologic Research</i> , 2017 , 65, 982-986	4.3	9
29	Impact of mast cells in fibromyalgia and low-grade chronic inflammation: Can IL-37 play a role?. <i>Dermatologic Therapy</i> , 2020 , 33, e13191	2.2	9
28	Are mast cells important in diabetes?. <i>Polish Journal of Pathology</i> , 2016 , 67, 199-206	0.9	9
27	Differential expression and secretion of RANTES and MCP-1 in activated peripheral blood mononuclear cell cultures of atopic subjects. <i>Immunology Letters</i> , 2001 , 76, 7-14	4.1	8
26	Activation of mast cells mediates inflammatory response in psoriasis: Potential new therapeutic approach with IL-37. <i>Dermatologic Therapy</i> , 2019 , 32, e12943	2.2	7
25	Impact of Fungi on Immune Responses. <i>Clinical Therapeutics</i> , 2018 , 40, 885-888	3.5	7
24	Inhibitory effect of quercetin on tryptase and MCP-1 chemokine release, and histidine decarboxylase mRNA transcription by human mast cell-1 cell line. <i>NeuroImmunoModulation</i> , 2006 , 13, 179-86	2.5	7
23	Effect of interleukin-1 receptor antagonist (IL-1RA) on histamine and serotonin release by rat basophilic leukemia cells (RBL-2H3) and peritoneal mast cells. <i>Molecular and Cellular Biochemistry</i> , 1996 , 155, 61-8	4.2	7
22	Evidence of hepatitis C virus-specific interferon gamma-positive T cells in health care workers in an infectious disease department. <i>American Journal of Infection Control</i> , 2009 , 37, 426-429	3.8	6
21	Mast cells participate in allograft rejection: can IL-37 play an inhibitory role?. <i>Inflammation Research</i> , 2018 , 67, 747-755	7.2	6
20	MCP-1 and MIP-2 response in <i>Trichinella spiralis</i> infected mice treated with 4-deoxypyridoxine (4-DPD). <i>Immunology Letters</i> , 2002 , 83, 31-7	4.1	5
19	Increase in CD45RO+ cells and activated eosinophils in chronic allergic conjunctivitis. <i>Immunobiology</i> , 2000 , 201, 541-51	3.4	5
18	Effect of electromagnetic fields on several CD markers and transcription and expression of CD4. <i>Immunobiology</i> , 1999 , 201, 36-48	3.4	5
17	Powerful anti-inflammatory action of luteolin: Potential increase with IL-38. <i>BioFactors</i> , 2021 , 47, 165-169.	10.1	5
16	Mast Cell Cytokines IL-1, IL-33, and IL-36 Mediate Skin Inflammation in Psoriasis: A Novel Therapeutic Approach with the Anti-Inflammatory Cytokines IL-37, IL-38, and IL-1Ra. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5

15	Comparison of Serum Total Valproic Acid Levels and %CDT Values in Chronic Alcohol Addictive Patients in an Italian Clinic: A Retrospective Study. <i>Drugs - Real World Outcomes</i> , 2016 , 3, 7-12	2.2	4
14	Autophagy processes are dependent on EGF receptor signaling. <i>Oncotarget</i> , 2018 , 9, 30289-30303	3.3	4
13	Mast Cells Mediate Skin Inflammation in Psoriasis: A Novel Therapeutic Approach with the Anti-inflammatory Cytokines IL-37, IL-38 and IL-1Ra		4
12	Recent insights in primary immunodeficiency diseases: the role of T-lymphocytes and innate immunity. <i>Annals of Clinical and Laboratory Science</i> , 2010 , 40, 3-9	0.9	3
11	Differential TBXA2 receptor transcript stability is dependent on the C924T polymorphism. <i>Prostaglandins and Other Lipid Mediators</i> , 2018 , 134, 141-147	3.7	2
10	Expression and secretion of CXCL8 (IL-8), release of tryptase and transcription of histidine decarboxylase mRNA by anti-IgE-activated human umbilical cord blood-derived cultured mast cells. <i>NeuroImmunoModulation</i> , 2007 , 14, 97-104	2.5	2
9	New insight into systemic mastocytosis mediated by cytokines IL-1 and IL-33: Potential inhibitory effect of IL-37. <i>European Journal of Pharmacology</i> , 2019 , 858, 172473	5.3	1
8	Infra-red laser irradiation enhances interleukin-1 receptor antagonist, increases 3H-thymidine incorporation and the release of [3H]arachidonic acid in human monocytes. <i>Molecular and Cellular Biochemistry</i> , 1997 , 169, 51-9	4.2	1
7	Inhibition of leukotriene B4(LTB4) by recombinant interleukin-1 receptor antagonist (IL-1RA) on human monocytes. <i>Agents and Actions</i> , 1992 , 36, C93-C95		1
6	Mast Cells Mediate Rheumatoid Arthritis-Inhibitory Role of IL-37. <i>Critical Reviews in Immunology</i> , 2019 , 39, 267-274	1.8	1
5	Recent progress on pathophysiology, inflammation and defense mechanism of mast cells against invading microbes: inhibitory effect of IL-37. <i>Central-European Journal of Immunology</i> , 2019 , 44, 447-454	1.6	0
4	Analytical Management of Patients Undergoing Oral Anticoagulant Therapy Could Have a Strong Impact on Clinical Outcomes: A Follow-up Study. <i>Cardiology and Therapy</i> , 2017 , 6, 261-271	2.8	
3	IgE and macrophages for cancer rescue?. <i>EBioMedicine</i> , 2019 , 43, 7-8	8.8	
2	Reply to Fattori et al.: Action of SP and IL-33 on mast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10036	11.5	
1	Inhibition of leukotriene B4(LTB4) by recombinant interleukin-1 receptor antagonist (IL-1RA) on human monocytes. <i>Agents and Actions</i> , 1992 , 36, C93-C95		