

Gunnar P Nilsson

List of Publications by Year in descending order

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89
papers

4,450
citations

81900

39
h-index

114465

63
g-index

94
all docs

94
docs citations

94
times ranked

5413
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutaneous manifestations in patients with mastocytosis: Consensus report of the European Competence Network on Mastocytosis; the American Academy of Allergy, Asthma & Immunology; and the European Academy of Allergology and Clinical Immunology. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 35-45.	2.9	289
2	Advances in the Classification and Treatment of Mastocytosis: Current Status and Outlook toward the Future. <i>Cancer Research</i> , 2017, 77, 1261-1270.	0.9	210
3	Human mast cells express functional TrkA and are a source of nerve growth factor. <i>European Journal of Immunology</i> , 1997, 27, 2295-2301.	2.9	209
4	Mast Cells as Sensors of Cell Injury through IL-33 Recognition. <i>Journal of Immunology</i> , 2011, 186, 2523-2528.	0.8	182
5	Induction of human regulatory innate lymphoid cells from group 2 innate lymphoid cells by retinoic acid. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2190-2201.e9.	2.9	133
6	Updated Diagnostic Criteria and Classification of Mast Cell Disorders: A Consensus Proposal. <i>HemaSphere</i> , 2021, 5, e646.	2.7	128
7	Biomarkers of the involvement of mast cells, basophils and eosinophils in asthma and allergic diseases. <i>World Allergy Organization Journal</i> , 2016, 9, 7.	3.5	124
8	Molecular targets on mast cells and basophils for novel therapies. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 530-544.	2.9	123
9	Mast cell CD30 ligand is upregulated in cutaneous inflammation and mediates degranulation-independent chemokine secretion. <i>Journal of Clinical Investigation</i> , 2006, 116, 2748-2756.	8.2	119
10	Mast cells express functional CD30 ligand and are the predominant CD30L-positive cells in Hodgkin's disease. <i>British Journal of Haematology</i> , 2001, 114, 616-623.	2.5	116
11	Human mast cell migration in response to members of the transforming growth factor- β family. <i>Journal of Leukocyte Biology</i> , 2000, 67, 350-356.	3.3	108
12	Positive and Negative Signals in Mast Cell Activation. <i>Trends in Immunology</i> , 2017, 38, 657-667.	6.8	107
13	Mast cells as a unique hematopoietic lineage and cell system: From Paul Ehrlich's visions to precision medicine concepts. <i>Theranostics</i> , 2020, 10, 10743-10768.	10.0	107
14	Functional and phenotypic studies of two variants of a human mast cell line with a distinct set of mutations in the c-kit proto-oncogene. <i>Immunology</i> , 2003, 108, 89-97.	4.4	105
15	Chemokine Receptor Expression by Mast Cells. , 2005, 87, 130-144.		98
16	Tissue-specific transcriptional imprinting and heterogeneity in human innate lymphoid cells revealed by full-length single-cell RNA-sequencing. <i>Cell Research</i> , 2021, 31, 554-568.	12.0	97
17	Essential Role of the Prosurvival bcl-2 Homologue A1 in Mast Cell Survival After Allergic Activation. <i>Journal of Experimental Medicine</i> , 2001, 194, 1561-1570.	8.5	95
18	Mast Cell Migratory Response to Interleukin-8 Is Mediated Through Interaction With Chemokine Receptor CXCR2/Interleukin-8RB. <i>Blood</i> , 1999, 93, 2791-2797.	1.4	93

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19	Intraperitoneal influx of neutrophils in response to IL-33 is mast cell-dependent. <i>Blood</i> , 2013, 121, 530-536.	1.4	89
20	The chemokine receptor CXCR4 is expressed within the mast cell lineage and its ligand stromal cell-derived factor-1 α acts as a mast cell chemotaxin. <i>European Journal of Immunology</i> , 2000, 30, 3614-3622.	2.9	81
21	Mast Cells Respond to Cell Injury through the Recognition of IL-33. <i>Frontiers in Immunology</i> , 2012, 3, 82.	4.8	74
22	Selective CCL5/RANTES-induced mast cell migration through interactions with chemokine receptors CCR1 and CCR4. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 480-485.	2.1	72
23	Opportunistic pathogen <i>Candida albicans</i> elicits a temporal response in primary human mast cells. <i>Scientific Reports</i> , 2015, 5, 12287.	3.3	69
24	The ingenious mast cell: Contemporary insights into mast cell behavior and function. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 83-99.	5.7	69
25	Effects of interleukin (IL)-13 on immediate-early response gene expression, phenotype and differentiation of human mast cells. Comparison with IL-4. <i>European Journal of Immunology</i> , 1995, 25, 870-873.	2.9	67
26	IgE-mediated mast cell degranulation and recovery monitored by time-lapse photography. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 116-121.	2.9	61
27	Risk Factor Analysis of Anaphylactic Reactions in Patients With Systemic Mastocytosis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 1248-1255.	3.8	61
28	Cytokine-induced endogenous production of prostaglandin D2 is essential for human group 2 innate lymphoid cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2202-2214.e5.	2.9	57
29	Bitter taste receptor (TAS2R) agonists inhibit IgE-dependent mast cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 475-478.	2.9	51
30	Distinct and regulated expression of Notch receptors in hematopoietic lineages and during myeloid differentiation. <i>European Journal of Immunology</i> , 2001, 31, 3240-3247.	2.9	49
31	Expression of 15-lipoxygenase type-1 in human mast cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 1156-1165.	2.4	49
32	Deciphering the differentiation trajectory from hematopoietic stem cells to mast cells. <i>Blood Advances</i> , 2018, 2, 2273-2281.	5.2	49
33	Human Cord Blood-Derived Mast Cells Are Activated by the Nod1 Agonist M-TriDAP to Release Pro-Inflammatory Cytokines and Chemokines. <i>Journal of Innate Immunity</i> , 2011, 3, 142-149.	3.8	48
34	Fc μ R1-Mediated Mast Cell Reactivity Is Amplified through Prolonged Toll-Like Receptor-Ligand Treatment. <i>PLoS ONE</i> , 2012, 7, e43547.	2.5	47
35	Expression of Prostaglandin E Synthases in Periodontitis. <i>American Journal of Pathology</i> , 2011, 178, 1676-1688.	3.8	46
36	Mast Cell Survival and Mediator Secretion in Response to Hypoxia. <i>PLoS ONE</i> , 2010, 5, e12360.	2.5	46

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37	Interleukin-33 Promotes Recruitment of Microglia/Macrophages in Response to Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3173-3182.	3.4	45
38	IL-33 and Thymic Stromal Lymphopoietin in mast cell functions. <i>European Journal of Pharmacology</i> , 2016, 778, 68-76.	3.5	44
39	KIT signaling is dispensable for human mast cell progenitor development. <i>Blood</i> , 2017, 130, 1785-1794.	1.4	42
40	Changing the threshold—Signals and mechanisms of mast cell priming. <i>Immunological Reviews</i> , 2018, 282, 73-86.	6.0	41
41	Vaccination against IL-33 Inhibits Airway Hyperresponsiveness and Inflammation in a House Dust Mite Model of Asthma. <i>PLoS ONE</i> , 2015, 10, e0133774.	2.5	39
42	Glioma-derived macrophage migration inhibitory factor (MIF) promotes mast cell recruitment in a STAT5-dependent manner. <i>Molecular Oncology</i> , 2014, 8, 50-58.	4.6	37
43	Selecting the Right Criteria and Proper Classification to Diagnose Mast Cell Activation Syndromes: A Critical Review. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3918-3928.	3.8	33
44	Expression of the insulin-like growth factor 1 receptor (IGF-1R) in breast cancer cells: evidence for a regulatory role of dolichyl phosphate in the transition from an intracellular to an extracellular IGF-1 pathway. <i>Glycobiology</i> , 1999, 9, 571-579.	2.5	32
45	FcÎµRI Aggregation Promotes Survival of Connective Tissue-Like Mast Cells but Not Mucosal-Like Mast Cells. <i>Journal of Immunology</i> , 2007, 178, 4177-4183.	0.8	32
46	Human mast cells express two leukotriene C4 synthase isoenzymes and the CysLT1 receptor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1583, 53-62.	2.4	31
47	An Optimized Protocol for the Isolation and Functional Analysis of Human Lung Mast Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2193.	4.8	31
48	Divergent Effects of Acute and Prolonged Interleukin 33 Exposure on Mast Cell IgE-Mediated Functions. <i>Frontiers in Immunology</i> , 2019, 10, 1361.	4.8	31
49	Mast Cell Apoptosis and Survival. <i>Advances in Experimental Medicine and Biology</i> , 2011, 716, 47-60.	1.6	31
50	Murine mast cell lines as indicators of early events in mast cell and basophil development. <i>European Journal of Immunology</i> , 2000, 30, 3396-3402.	2.9	29
51	Curdlan induces selective mast cell degranulation without concomitant release of LTC4, IL-6 or CCL2. <i>Immunobiology</i> , 2017, 222, 647-650.	1.9	27
52	Achilles tendon rupture healing is enhanced by intermittent pneumatic compression upregulating collagen type I synthesis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2021-2029.	4.2	26
53	Back to the future: re-establishing guinea pig <i>in vivo</i> asthma models. <i>Clinical Science</i> , 2020, 134, 1219-1242.	4.3	26
54	Flushing, fatigue, and recurrent anaphylaxis: a delayed diagnosis of mastocytosis. <i>Lancet</i> , The, 2014, 383, 1608.	13.7	23

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55	Single-cell analysis reveals the KIT D816V mutation in haematopoietic stem and progenitor cells in systemic mastocytosis. <i>EBioMedicine</i> , 2019, 43, 150-158.	6.1	22
56	Mast Cell Migratory Response to Interleukin-8 Is Mediated Through Interaction With Chemokine Receptor CXCR2/Interleukin-8RB. <i>Blood</i> , 1999, 93, 2791-2797.	1.4	20
57	Bcl-2 and Bcl-XL are indispensable for the late phase of mast cell development from mouse embryonic stem cells. <i>Experimental Hematology</i> , 2007, 35, 385-393.	0.4	17
58	Amelioration of Compound 48/80-Mediated Itch and LL-37-Induced Inflammation by a Single-Stranded Oligonucleotide. <i>Frontiers in Immunology</i> , 2020, 11, 559589.	4.8	17
59	The Effect of Bacterial, Viral and Fungal Infection on Mast Cell Reactivity in the Allergic Setting. <i>Journal of Innate Immunity</i> , 2011, 3, 120-130.	3.8	16
60	Knockdown of the Antiapoptotic Bcl-2 Family Member A1/Bfl-1 Protects Mice from Anaphylaxis. <i>Journal of Immunology</i> , 2015, 194, 1316-1322.	0.8	16
61	New insights into the origin of mast cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 844-845.	5.7	16
62	Histone deacetylase inhibitor SAHA mediates mast cell death and epigenetic silencing of constitutively active D816V KIT in systemic mastocytosis. <i>Oncotarget</i> , 2017, 8, 9647-9659.	1.8	16
63	ALTERATIONS IN MAST CELL PROTEINASES AND PROTEASE INHIBITORS IN THE PROGRESS OF CUTANEOUS HERPES ZOSTER INFECTION. , 1996, 180, 434-440.		13
64	<i>Cryptococcus neoformans</i> Induces MCP-1 Release and Delays the Death of Human Mast Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 289.	3.9	13
65	Anti-Apoptotic Bfl-1 Is the Major Effector in Activation-Induced Human Mast Cell Survival. <i>PLoS ONE</i> , 2012, 7, e39117.	2.5	13
66	Immunoprofiling Reveals Novel Mast Cell Receptors and the Continuous Nature of Human Lung Mast Cell Heterogeneity. <i>Frontiers in Immunology</i> , 2021, 12, 804812.	4.8	13
67	CD203c distinguishes the erythroid and mast cellâ€basophil differentiation trajectories among human FcÎµRI⁺ bone marrow progenitors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 211-214.	5.7	12
68	Distinct plasma biomarkers confirm the diagnosis of mastocytosis and identify increased risk of anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 889-894.	2.9	12
69	FcÎ³RI-Mediated Activation of Human Mast Cells Promotes Survival and Induction of the Pro-survival Gene Bfl-1. <i>Journal of Clinical Immunology</i> , 2008, 28, 250-255.	3.8	10
70	Single-cell transcriptomics reveals the identity and regulators of human mast cell progenitors. <i>Blood Advances</i> , 2022, 6, 4439-4449.	5.2	10
71	The potential of human mast cell progenitors to differentiate into mature mast cells remains after prolonged culture with flt3 ligand, interleukin-3 or granulocyte-macrophage colony stimulating factor. <i>British Journal of Haematology</i> , 1999, 104, 516-522.	2.5	9
72	Coaggregation of FcÎµRI with FcÎ³RIIB Inhibits Degranulation but Not Induction of Bcl-2 Family Members A1 and Bim in Mast Cells. <i>Allergy, Asthma and Clinical Immunology</i> , 2006, 2, 87-97.	2.0	8

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73	Wnt-3a Induces Cytokine Release in Human Mast Cells. <i>Cells</i> , 2019, 8, 1372.	4.1	8
74	Selective inhibition of prostaglandin D ₂ biosynthesis in human mast cells to overcome need for multiple receptor antagonists: Biochemical consequences. <i>Clinical and Experimental Allergy</i> , 2021, 51, 594-603.	2.9	7
75	Activation of succinate receptor 1 boosts human mast cell reactivity and allergic bronchoconstriction. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2677-2687.	5.7	7
76	A new house dust mite-driven and mast cell-activated model of asthma in the guinea pig. <i>Clinical and Experimental Allergy</i> , 2020, 50, 1184-1195.	2.9	6
77	Epigenetic Changes in Neoplastic Mast Cells and Potential Impact in Mastocytosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2964.	4.1	6
78	Modulating T-cell activation with antisense oligonucleotides targeting lymphocyte cytosolic protein 2. <i>Journal of Autoimmunity</i> , 2022, 131, 102857.	6.5	6
79	Graft-versus-mastocytosis effect after donor lymphocyte infusion: Proof of principle. <i>European Journal of Haematology</i> , 2021, 106, 290-293.	2.2	5
80	Regulation of Mast Cell Survival and Apoptosis. <i>Methods in Molecular Biology</i> , 2015, 1220, 257-267.	0.9	5
81	Novel aspects of mast cell and basophil function: Highlights from the 9th meeting of the European Mast Cell and Basophil Research Network (EMBRN) – A Marcus Wallenberg Symposium. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 707-708.	5.7	4
82	ALTERATIONS IN MAST CELL PROTEINASES AND PROTEASE INHIBITORS IN THE PROGRESS OF CUTANEOUS HERPES ZOSTER INFECTION. <i>Journal of Pathology</i> , 1996, 180, 434-440.	4.5	3
83	Histone Deacetylase Inhibitor SAHA Mediates Epigenetic Silencing of KIT D816V Mutated Systemic Mastocytosis Primary Mast Cells and Selective Apoptosis of Mutated Mast Cells. <i>Blood</i> , 2015, 126, 2834-2834.	1.4	3
84	Mast cells derived from systemic mastocytosis exhibit an increased responsiveness to hyperosmolarity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1909-1911.	5.7	3
85	COX-1 dependent biosynthesis of 15-hydroxyeicosatetraenoic acid in human mast cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158886.	2.4	2
86	Psychometric characteristics of a modified Sympathy-Acceptance-Understanding-Caring competence model questionnaire among foreign-born parents encountering nurses in primary child health care services. <i>Primary Health Care Research and Development</i> , 2016, 17, 298-310.	1.2	1
87	Distinct effects of antigen and compound 48/80 in the guinea pig trachea. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2270-2273.	5.7	1
88	FRT – FONDATION RENE TOURAINE. <i>Experimental Dermatology</i> , 2015, 24, 803-820.	2.9	0
89	Legends of Allergy/Immunology: Gunnar Johansson. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 635-636.	5.7	0