Stephen J Galli

List of Publications by Year
in descending order

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302 papers	39,777 citations	3334 91 h-index	2629 194 g-index
315 all docs	315 docs citations	315 times ranked	26328 citing authors

#	Article	IF	Citations
1	IgE antibodies increase honeybee venom responsiveness and detoxification efficiency of mast cells. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 499-512.	5.7	15
2	Mast cells partly contribute to allergic enteritis development: Findings in two different mast cellâ€deficient mice. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1051-1054.	5.7	1
3	Gastrointestinal Î³Î´ T cells reveal differentially expressed transcripts and enriched pathways during peanut oral immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1606-1610.	5.7	3
4	Exponential magnetophoretic gradient for the direct isolation of basophils from whole blood in a microfluidic system. Lab on A Chip, 2022, 22, 1690-1701.	6.0	8
5	An optimized protocol for phenotyping human granulocytes by mass cytometry. STAR Protocols, 2022, 3, 101280.	1.2	2
6	Drug-induced mast cell eradication: AÂnovel approach to treat mast cell activation disorders?. Journal of Allergy and Clinical Immunology, 2022, 149, 1866-1874.	2.9	18
7	KIT as a master regulator of the mast cell lineage. Journal of Allergy and Clinical Immunology, 2022, 149, 1845-1854.	2.9	28
8	Dynamin-related protein 1 differentially regulates FcÎµRI- and substance P-induced mast cell activation. Journal of Allergy and Clinical Immunology, 2022, 150, 1228-1231.e5.	2.9	2
9	Basophil activation test shows high accuracy in the diagnosis of peanut and tree nut allergy: The Markers of Nut Allergy Study. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1800-1812.	5.7	37
10	Increased diversity of gut microbiota during active oral immunotherapy in peanutâ€allergic adults. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 927-930.	5.7	20
11	Omalizumab in â€œnonâ€“IgE-mediatedâ€•diseases. Journal of Allergy and Clinical Immunology, 2021, 147, 1207-1208.	2.9	4
12	E-cadherin is regulated by GATA-2 and marks the early commitment of mouse hematopoietic progenitors to the basophil and mast cell fates. Science Immunology, 2021, 6, .	11.9	25
13	Transcriptome programming of ILâ€3â€dependent bone marrowâ€derived cultured mast cells by stem cell factor (SCF). Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2288-2291.	5.7	7
14	Immune changes beyond Th2 pathways during rapid multifood immunotherapy enabled with omalizumab. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2809-2826.	5.7	18
15	Accurate and reproducible diagnosis of peanut allergy using epitope mapping. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3789-3797.	5.7	45
16	The role of Sp140 revealed in IgE and mast cell responses in Collaborative Cross mice. JCI Insight, 2021, 6, .	5.0	8
17	Letter by Varricchi et al Regarding Article, â€œRole of IgE-FcÎµR1 in Pathological Cardiac Remodeling and Dysfunctionâ€• Circulation, 2021, 144, e214-e215.	1.6	0
18	Assessment of Allergic and Anaphylactic Reactions to mRNA COVID-19 Vaccines With Confirmatory Testing in a US Regional Health System. JAMA Network Open, 2021, 4, e2125524.	5.9	103

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19	Neutrophil-specific gain-of-function mutations in Nlrp3 promote development of cryopyrin-associated periodic syndrome. Journal of Experimental Medicine, 2021, 218, .	8.5	29
20	Updated Diagnostic Criteria and Classification of Mast Cell Disorders: A Consensus Proposal. HemaSphere, 2021, 5, e646.	2.7	128
21	Proposed Diagnostic Criteria and Classification of Canine Mast Cell Neoplasms: A Consensus Proposal. Frontiers in Veterinary Science, 2021, 8, 755258.	2.2	16
22	Epithelial RABGEF1 deficiency promotes intestinal inflammation by dysregulating intrinsic MYD88-dependent innate signaling. Mucosal Immunology, 2020, 13, 96-109.	6.0	4
23	Conflicting verdicts on peanut oral immunotherapy from the Institute for Clinical and Economic Review and US Food and Drug Administration Advisory Committee: Where do we go from here?. Journal of Allergy and Clinical Immunology, 2020, 145, 1153-1156.	2.9	17
24	Trends in egg specific immunoglobulin levels during natural tolerance and oral immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1454-1456.	5.7	6
25	Development of multiple features of antigen-induced asthma pathology in a new strain of mast cell deficient BALB/c-Kit mice. Laboratory Investigation, 2020, 100, 516-526.	3.7	9
26	Sustained successful peanut oral immunotherapy associated with low basophil activation and peanut-specific IgE. Journal of Allergy and Clinical Immunology, 2020, 145, 885-896.e6.	2.9	86
27	Mass Cytometry Phenotyping of Human Granulocytes Reveals Novel Basophil Functional Heterogeneity. IScience, 2020, 23, 101724.	4.1	19
28	Transcriptional changes in peanut-specific CD4+ T cells over the course of oral immunotherapy. Clinical Immunology, 2020, 219, 108568.	3.2	22
29	IgE Effector Mechanisms, in Concert with Mast Cells, Contribute to Acquired Host Defense against Staphylococcus aureus. Immunity, 2020, 53, 793-804.e9.	14.3	38
30	Mast cells as a unique hematopoietic lineage and cell system: From Paul Ehrlich's visions to precision medicine concepts. Theranostics, 2020, 10, 10743-10768.	10.0	107
31	Oral Immunotherapy and Basophil and Mast Cell Reactivity in Food Allergy. Frontiers in Immunology, 2020, 11, 602660.	4.8	17
32	A highly sensitive bioluminescent method for measuring allergenâ€specific IgE in microliter samples. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2952-2956.	5.7	16
33	Origins and clonal convergence of gastrointestinal IgE ⁺ B cells in human peanut allergy. Science Immunology, 2020, 5, .	11.9	88
34	Mast cells and IgE in defense against lethality of venoms: Possible â€œbenefitâ€•of allergy. Allergo Journal International, 2020, 29, 46-62.	2.0	22
35	Butyrate inhibits human mast cell activation via epigenetic regulation of FcÎµRIâ€mediated signaling. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1966-1978.	5.7	92
36	RNA-Seq of Gastrointestinal Biopsies During Oral Immunotherapy Reveals Changes in IgA Pathway. Journal of Allergy and Clinical Immunology, 2020, 145, AB132.	2.9	1

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37	Rapid identification of human mast cell degranulation regulators using functional genomics coupled to high-resolution confocal microscopy. Nature Protocols, 2020, 15, 1285-1310.	12.0	20
38	The TWEAK/Fn14 axis in anaphylactic shock. Journal of Allergy and Clinical Immunology, 2020, 145, 491-493.	2.9	2
39	Identification of crossâ€reactive allergens in cashewâ€and pistachioâ€allergic children during oral immunotherapy. Pediatric Allergy and Immunology, 2020, 31, 709-714.	2.6	4
40	Mast Cells in Inflammation and Disease: Recent Progress and Ongoing Concerns. Annual Review of Immunology, 2020, 38, 49-77.	21.8	178
41	Microfluidic methods for precision diagnostics in food allergy. Biomicrofluidics, 2020, 14, 021503.	2.4	5
42	MIBI-TOF: A multiplexed imaging platform relates cellular phenotypes and tissue structure. Science Advances, 2019, 5, eaax5851.	10.3	252
43	Future Needs in Mast Cell Biology. International Journal of Molecular Sciences, 2019, 20, 4397.	4.1	83
44	Sustained outcomes in oral immunotherapy for peanut allergy (POISED study): a large, randomised, double-blind, placebo-controlled, phase 2 study. Lancet, The, 2019, 394, 1437-1449.	13.7	215
45	Obituary for Teruko Ishizaka (1926â€“2019). Allergology International, 2019, 68, 399-400.	3.3	0
46	ICER report for peanut OIT comes up short. Annals of Allergy, Asthma and Immunology, 2019, 123, 430-432.	1.0	15
47	A Phase 2 Randomized Controlled Multisite Study Using Omalizumab-facilitated Rapid Desensitization to Test Continued vs Discontinued Dosing in Multifood Allergic Individuals. EClinicalMedicine, 2019, 7, 27-38.	7.1	77
48	Basophil-derived tumor necrosis factor can enhance survival in a sepsis model in mice. Nature Immunology, 2019, 20, 129-140.	14.5	56
49	Meningeal Mast Cells as Key Effectors of Stroke Pathology. Frontiers in Cellular Neuroscience, 2019, 13, 126.	3.7	22
50	Immune Mechanism of Desensitization through Rapid Multi-food Oral Immunotherapy. Journal of Allergy and Clinical Immunology, 2019, 143, AB254.	2.9	0
51	House dust mites activate nociceptorâ€“mast cell clusters to drive type 2 skin inflammation. Nature Immunology, 2019, 20, 1435-1443.	14.5	196
52	Complexities in analyzing human basophil responses to autoantibodies to IgE or FcÎµRI. Journal of Allergy and Clinical Immunology, 2019, 143, 932-934.	2.9	4
53	Recruiting CD33 on mast cells to inhibit IgE-mediated mast cellâ€“dependent anaphylaxis. Journal of Clinical Investigation, 2019, 129, 955-957.	8.2	3
54	IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis. ELife, 2019, 8, .	6.0	74

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55	Adoptive Transfer of Basophils Enriched from Mouse Spleen. Bio-protocol, 2019, 9, e3416.	0.4	0
56	Thirdhand smoke component can exacerbate a mouse asthma model through mast cells. Journal of Allergy and Clinical Immunology, 2018, 142, 1618-1627.e9.	2.9	24
57	Mast cells as sources of cytokines, chemokines, and growth factors. Immunological Reviews, 2018, 282, 121-150.	6.0	492
58	Isotype-specific agglutination-PCR (ISAP): AÂsensitive and multiplex method for measuring allergen-specific IgE. Journal of Allergy and Clinical Immunology, 2018, 141, 1901-1904.e15.	2.9	13
59	Anti-IgE treatment with oral immunotherapy in multifood allergic participants: a double-blind, randomised, controlled trial. The Lancet Gastroenterology and Hepatology, 2018, 3, 85-94.	8.1	177
60	Food allergy and omics. Journal of Allergy and Clinical Immunology, 2018, 141, 20-29.	2.9	59
61	Development of a tool predicting severity of allergic reaction during peanut challenge. Annals of Allergy, Asthma and Immunology, 2018, 121, 69-76.e2.	1.0	57
62	Human mast cells as antigen-presenting cells: When is this role important inÂvivo?. Journal of Allergy and Clinical Immunology, 2018, 141, 92-93.	2.9	24
63	Analysis of a Large Standardized Food Challenge Data Set to Determine Predictors of Positive Outcome Across Multiple Allergens. Frontiers in Immunology, 2018, 9, 2689.	4.8	23
64	Baseline Gastrointestinal Eosinophilia Is Common in Oral Immunotherapy Subjects With IgE-Mediated Peanut Allergy. Frontiers in Immunology, 2018, 9, 2624.	4.8	49
65	Eliciting Dose and Safety Outcomes From a Large Dataset of Standardized Multiple Food Challenges. Frontiers in Immunology, 2018, 9, 2057.	4.8	40
66	Mary Hewitt Loveless, MD. Annals of Allergy, Asthma and Immunology, 2018, 121, 268-271.	1.0	2
67	Imaging FITC-dextran as a Reporter for Regulated Exocytosis. Journal of Visualized Experiments, 2018, , .	0.3	5
68	Effect of Dietary Fiber and Metabolites on Mast Cell Activation and Mast Cell-Associated Diseases. Frontiers in Immunology, 2018, 9, 1067.	4.8	34
69	Genetic and Imaging Approaches Reveal Pro-Inflammatory and Immunoregulatory Roles of Mast Cells in Contact Hypersensitivity. Frontiers in Immunology, 2018, 9, 1275.	4.8	38
70	IgG subclasses determine pathways of anaphylaxis in mice. Journal of Allergy and Clinical Immunology, 2017, 139, 269-280.e7.	2.9	78
71	Differences in the Importance of Mast Cells, Basophils, IgE, and IgG versus That of CD4⁺T Cells and ILC2 Cells in Primary and Secondary Immunity to Strongyloides venezuelensis. Infection and Immunity, 2017, 85, .	2.2	62
72	Decoupling the Functional Pleiotropy of Stem Cell Factor by Tuning c-Kit Signaling. Cell, 2017, 168, 1041-1052.e18.	28.9	70

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73	Advances in the Classification and Treatment of Mastocytosis: Current Status and Outlook toward the Future. Cancer Research, 2017, 77, 1261-1270.	0.9	210
74	Mast Cells and KIT as Potential Therapeutic Targets in Severe Asthma. New England Journal of Medicine, 2017, 376, 1983-1984.	27.0	18
75	Reply. Journal of Allergy and Clinical Immunology, 2017, 139, 2029-2031.	2.9	1
76	A new fluorescent-avidinâ€“based method for quantifying basophil activation in whole blood. Journal of Allergy and Clinical Immunology, 2017, 140, 1202-1206.e3.	2.9	19
77	Assessing basophil activation by flow cytometry and mass cytometry in blood stored 24 hours before analysis. Journal of Allergy and Clinical Immunology, 2017, 139, AB124.	2.9	0
78	Characterization of multifood allergic children based on clinical and serological data. Journal of Allergy and Clinical Immunology, 2017, 139, AB140.	2.9	0
79	Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide. Journal of Experimental Medicine, 2017, 214, 1249-1258.	8.5	84
80	Association of Clinical Reactivity with Sensitization to Allergen Components in Multifood-Allergic Children. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 1325-1334.e4.	3.8	60
81	Immune monitoring for precision medicine in allergy and asthma. Current Opinion in Immunology, 2017, 48, 82-91.	5.5	15
82	The pathophysiology of anaphylaxis. Journal of Allergy and Clinical Immunology, 2017, 140, 335-348.	2.9	330
83	Proposed Terminology and Classification of Pre-Malignant Neoplastic Conditions: A Consensus Proposal. EBioMedicine, 2017, 26, 17-24.	6.1	24
84	Rab5 is critical for SNAP23 regulated granule-granule fusion during compound exocytosis. Scientific Reports, 2017, 7, 15315.	3.3	18
85	Pathways of immediate hypothermia and leukocyte infiltration in an adjuvant-free mouse model of anaphylaxis. Journal of Allergy and Clinical Immunology, 2017, 139, 584-596.e10.	2.9	32
86	Assessing basophil activation by using flow cytometry and mass cytometry in blood stored 24Âhours before analysis. Journal of Allergy and Clinical Immunology, 2017, 139, 889-899.e11.	2.9	71
87	Targeting of Immune Cells by Dual TLR2/7 Ligands Suppresses Features of Allergic Th2 Immune Responses in Mice. Journal of Immunology Research, 2017, 2017, 1-12.	2.2	11
88	Imaging protective mast cells in living mice during severe contact hypersensitivity. JCI Insight, 2017, 2, .	5.0	48
89	The tyrosine kinase inhibitor imatinib mesylate suppresses uric acid crystal-induced acute gouty arthritis in mice. PLoS ONE, 2017, 12, e0185704.	2.5	9
90	Mast Cells and IgE can Enhance Survival During Innate and Acquired Host Responses to Venoms. Transactions of the American Clinical and Climatological Association, 2017, 128, 193-221.	0.5	13

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91	A TNFRSF14-FcÉ›RI-mast cell pathway contributes to development of multiple features of asthma pathology in mice. Nature Communications, 2016, 7, 13696.	12.8	36
92	Neutrophils are not required for resolution of acute gouty arthritis in mice. Nature Medicine, 2016, 22, 1382-1384.	30.7	18
93	Mast cells and IgE in defense against venoms: Possible â€œgood sideâ€•of allergy?. Allergology International, 2016, 65, 3-15.	3.3	58
94	IgE and mast cells in host defense against parasites and venoms. Seminars in Immunopathology, 2016, 38, 581-603.	6.1	151
95	Trends in Adverse Reactions Requiring Epinephrine in the Build-up Phase of Oral Immunotherapy. Journal of Allergy and Clinical Immunology, 2016, 137, AB131.	2.9	0
96	Molecular and cellular mechanisms of food allergy and food tolerance. Journal of Allergy and Clinical Immunology, 2016, 137, 984-997.	2.9	227
97	Toward precision medicine and health: Opportunities and challenges in allergic diseases. Journal of Allergy and Clinical Immunology, 2016, 137, 1289-1300.	2.9	75
98	The Nedd4-2/Ndfip1 axis is a negative regulator of IgE-mediated mast cell activation. Nature Communications, 2016, 7, 13198.	12.8	29
99	Severity of Reactions to Oral Peanut Challenges in Children and Adults. Journal of Allergy and Clinical Immunology, 2016, 137, AB134.	2.9	0
100	Successful immunotherapy induces previously unidentified allergen-specific CD4+ T-cell subsets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1286-95.	7.1	115
101	The Mast Cell-IgE Paradox. American Journal of Pathology, 2016, 186, 212-224.	3.8	71
102	Computational Pathology: A Path Ahead. Archives of Pathology and Laboratory Medicine, 2016, 140, 41-50.	2.5	99
103	Evidence that Î²7 Integrin Regulates Hematopoietic Stem Cell Homing and Engraftment Through Interaction with MAdCAM-1. Stem Cells and Development, 2016, 25, 18-26.	2.1	26
104	Different activation signals induce distinct mast cell degranulation strategies. Journal of Clinical Investigation, 2016, 126, 3981-3998.	8.2	285
105	Guanine nucleotide exchange factor RABGEF1 regulates keratinocyte-intrinsic signaling to maintain skin homeostasis. Journal of Clinical Investigation, 2016, 126, 4497-4515.	8.2	11
106	FRT â€“ FONDATION RENE TOURAINE. Experimental Dermatology, 2015, 24, 803-820.	2.9	0
107	Approaches for Analyzing the Roles of Mast Cells and Their Proteases In Vivo. Advances in Immunology, 2015, 126, 45-127.	2.2	93
108	Analyzing the Functions of Mast Cells In Vivo Using 'Mast Cell Knock-in' Mice. Journal of Visualized Experiments, 2015, , e52753.	0.3	17

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109	Testing the â€˜toxin hypothesis of allergyâ€™: mast cells, IgE, and innate and acquired immune responses to venoms. Current Opinion in Immunology, 2015, 36, 80-87.	5.5	30
110	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. Immunity, 2015, 43, 175-186.	14.3	240
111	Editorial overview: Allergy and hypersensitivity: New developments in allergy and type 2 immunity: never a dull moment. Current Opinion in Immunology, 2015, 36, ix-xi.	5.5	0
112	The adherens junctions control susceptibility to Staphylococcus aureus Î±-toxin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14337-14342.	7.1	68
113	SnapShot: Integrated Type 2 Immune Responses. Immunity, 2015, 43, 408-408.e1.	14.3	7
114	Genomics in the clinic: ethical and policy challenges in clinical next-generation sequencing programs at early adopter USA institutions. Personalized Medicine, 2015, 12, 269-282.	1.5	3
115	A Balanced Look at the Implications of Genomic (and Other â€œOmicsâ€) Testing for Disease Diagnosis and Clinical Care. Genes, 2014, 5, 748-766.	2.4	9
116	Contribution of Mast Cellâ€“Derived Interleukinâ€1Î² to Uric Acid Crystalâ€“Induced Acute Arthritis in Mice. Arthritis and Rheumatology, 2014, 66, 2881-2891.	5.6	59
117	Peanut oral immunotherapy results in increased antigen-induced regulatory T-cell function and hypomethylation of forkhead box protein 3 (FOXP3). Journal of Allergy and Clinical Immunology, 2014, 133, 500-510.e11.	2.9	399
118	Evidence that Meningeal Mast Cells Can Worsen Stroke Pathology in Mice. American Journal of Pathology, 2014, 184, 2493-2504.	3.8	55
119	Rethinking the Potential Roles of Mast Cells in Skin Wound Healing and Bleomycin-Induced Skin Fibrosis. Journal of Investigative Dermatology, 2014, 134, 1802-1804.	0.7	8
120	Mechanisms of vitamin D3 metabolite repression of IgE-dependent mast cell activation. Journal of Allergy and Clinical Immunology, 2014, 133, 1356-1364.e14.	2.9	100
121	IgE Antibodies and FcÎµRI Are Critical For Acquired Resistance Against Honeybee Venom In Mice. Journal of Allergy and Clinical Immunology, 2014, 133, AB225.	2.9	0
122	Î²7 Integrin Regulates Intra-Marrow Trafficking of Hematopoietic Stem Cells. Blood, 2014, 124, 2899-2899.	1.4	0
123	PLA2G3 promotes mast cell maturation and function. Nature Immunology, 2013, 14, 527-529.	14.5	16
124	A Beneficial Role for Immunoglobulin E in Host Defense against Honeybee Venom. Immunity, 2013, 39, 963-975.	14.3	151
125	Mast Cells: Potential Positive and Negative Roles in Tumor Biology. Cancer Immunology Research, 2013, 1, 269-279.	3.4	143
126	Selective ablation of mast cells or basophils reduces peanut-induced anaphylaxis in mice. Journal of Allergy and Clinical Immunology, 2013, 132, 881-888.e11.	2.9	91

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127	Mast Cells Are Required for Full Expression of Allergen/SEB-Induced Skin Inflammation. Journal of Investigative Dermatology, 2013, 133, 2695-2705.	0.7	57
128	Rapid desensitization induces internalization of antigen-specific IgE on mouse mast cells. Journal of Allergy and Clinical Immunology, 2013, 132, 922-932.e16.	2.9	74
129	Mast cell anaphylatoxin receptor expression can enhance IgE-dependent skin inflammation in mice. Journal of Allergy and Clinical Immunology, 2013, 131, 541-548.e9.	2.9	83
130	Integration of Genomic Medicine into Pathology Residency Training. Journal of Molecular Diagnostics, 2013, 15, 141-148.	2.8	20
131	Mast cells suppress murine GVHD in a mechanism independent of CD4+CD25+ regulatory T cells. Blood, 2013, 122, 3659-3665.	1.4	52
132	Evidence That Mast Cells Are Not Required for Healing of Splinted Cutaneous Excisional Wounds in Mice. PLoS ONE, 2013, 8, e59167.	2.5	40
133	Mast cells, basophils, and mastocytosis. , 2013, , 284-297.		3
134	Evidence questioning cromolyn's effectiveness and selectivity as a â€˜mast cell stabilizer' in mice. Laboratory Investigation, 2012, 92, 1472-1482.	3.7	109
135	Between hype and hope: whole-genome sequencing in clinical medicine. Personalized Medicine, 2012, 9, 243-246.	1.5	8
136	Critical role of P1-Runx1 in mouse basophil development. Blood, 2012, 120, 76-85.	1.4	69
137	New models for analyzing mast cell functions in vivo. Trends in Immunology, 2012, 33, 613-625.	6.8	172
138	The Chymase Mouse Mast Cell Protease 4 Degrades TNF, Limits Inflammation, and Promotes Survival in a Model of Sepsis. American Journal of Pathology, 2012, 181, 875-886.	3.8	91
139	IgE and mast cells in allergic disease. Nature Medicine, 2012, 18, 693-704.	30.7	1,386
140	Modulation of mTOR Effector Phosphoproteins in Blood Basophils from Allergic Patients. Journal of Clinical Immunology, 2012, 32, 565-573.	3.8	4
141	Role of Î²7 Integrin in Hematopoietic Stem Cell Trafficking.. Blood, 2012, 120, 2992-2992.	1.4	0
142	Mast Cells and Immunoregulation/Immunomodulation. Advances in Experimental Medicine and Biology, 2011, 716, 186-211.	1.6	88
143	Reduced mast cell and basophil numbers and function in Cpa3-Cre; Mcl-1fl/fl mice. Blood, 2011, 118, 6930-6938.	1.4	170
144	The role of mast cells in atrial natriuretic peptide-induced cutaneous inflammation. Regulatory Peptides, 2011, 167, 79-85.	1.9	5

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145	Phenotypic and functional plasticity of cells of innate immunity: macrophages, mast cells and neutrophils. Nature Immunology, 2011, 12, 1035-1044.	14.5	859
146	Basophil CD203c Levels Are Increased at Baseline and Can Be Used to Monitor Omalizumab Treatment in Subjects with Nut Allergy. International Archives of Allergy and Immunology, 2011, 154, 318-327.	2.1	57
147	Mast cell chymase reduces the toxicity of Gila monster venom, scorpion venom, and vasoactive intestinal polypeptide in mice. Journal of Clinical Investigation, 2011, 121, 4180-4191.	8.2	134
148	Mast Cells: Effector Cells of Anaphylaxis. , 2011, , 47-68.		1
149	Identification of an IFN-Î³/mast cell axis in a mouse model of chronic asthma. Journal of Clinical Investigation, 2011, 121, 3133-3143.	8.2	113
150	Localization of anionic constituents in mast cell granules of brachymorphic (bm/bm) mice by using avidin-conjugated colloidal gold. Cell and Tissue Research, 2010, 339, 561-570.	2.9	4
151	Regulation of secretory granule size by the precise generation and fusion of unit granules. Journal of Cellular and Molecular Medicine, 2010, 14, 1904-1916.	3.6	59
152	Mast cells in allergy and infection: Versatile effector and regulatory cells in innate and adaptive immunity. European Journal of Immunology, 2010, 40, 1843-1851.	2.9	338
153	Evidence that vitamin D3 promotes mast cellâ€“dependent reduction of chronic UVB-induced skin pathology in mice. Journal of Experimental Medicine, 2010, 207, 455-463.	8.5	103
154	The role of recipient mast cells in acute and chronic cardiac allograft rejection in C57BL/6-KitW-sh/W-sh mice. Journal of Heart and Lung Transplantation, 2010, 29, 401-409.	0.6	10
155	Distinguishing Mast Cell and Granulocyte Differentiation at the Single-Cell Level. Cell Stem Cell, 2010, 6, 361-368.	11.1	85
156	Mast Cell-Derived TNF Can Exacerbate Mortality during Severe Bacterial Infections in C57BL/6-Kit Mice. American Journal of Pathology, 2010, 176, 926-938.	3.8	131
157	Thymic Stromal Lymphopoietin Contributes to Myeloid Hyperplasia and Increased Immunoglobulins, But Not Epidermal Hyperplasia, in RabGEF1-Deficient Mice. American Journal of Pathology, 2010, 177, 2411-2420.	3.8	4
158	Anaphylaxis: Mechanisms of Mast Cell Activation. Chemical Immunology and Allergy, 2010, 95, 45-66.	1.7	61
159	Antiinflammatory and Immunosuppressive Functions of Mast Cells. Methods in Molecular Biology, 2010, 677, 207-220.	0.9	38
160	Mast Cells Reduce Gvhd Severity In Allogeneic Transplantation by Reducing the Proliferation of Conventional T Cells. Blood, 2010, 116, 243-243.	1.4	0
161	Anaphylaxis to a self-peptide in the absence of mast cells or histamine. Laboratory Investigation, 2009, 89, 398-405.	3.7	9
162	Pillars article: fate of bone marrow-derived cultured mast cells after intracutaneous, intraperitoneal, and intravenous transfer into genetically mast cell-deficient w/wv mice. Evidence that cultured mast cells can give rise to both connective tissue type and mucosal mast cells. Journal of Immunology, 2009, 183, 6863-81.	0.8	6

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163	IL-3 is required for increases in blood basophils in nematode infection in mice and can enhance IgE-dependent IL-4 production by basophils in vitro. Laboratory Investigation, 2008, 88, 1134-1142.	3.7	57
164	The development of allergic inflammation. Nature, 2008, 454, 445-454.	27.8	1,475
165	New developments in mast cell biology. Nature Immunology, 2008, 9, 1215-1223.	14.5	657
166	Neurotensin increases mortality and mast cells reduce neurotensin levels in a mouse model of sepsis. Nature Medicine, 2008, 14, 392-398.	30.7	114
167	Immunomodulatory mast cells: negative, as well as positive, regulators of immunity. Nature Reviews Immunology, 2008, 8, 478-486.	22.7	665
168	Mast cells: Versatile regulators of inflammation, tissue remodeling, host defense and homeostasis. Journal of Dermatological Science, 2008, 49, 7-19.	1.9	221
169	Basophils Are Back!. Immunity, 2008, 28, 495-497.	14.3	25
170	Mast cellâ€“expressed orphan receptor CCRL2 binds chemerin and is required for optimal induction of IgE-mediated passive cutaneous anaphylaxis. Journal of Experimental Medicine, 2008, 205, 2207-2220.	8.5	247
171	Rabaptin-5 regulates receptor expression and functional activation in mast cells. Blood, 2008, 112, 4148-4157.	1.4	14
172	Chair's Introduction. Novartis Foundation Symposium, 2008, , 1-5.	1.1	0
173	Mast cells, basophils and mastocytosis. , 2008, , 345-360.		0
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