

Nicolas Gaudenzio

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,912
citations

331670

21
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

2718
citing authors

#	ARTICLE	IF	CITATIONS
1	Different activation signals induce distinct mast cell degranulation strategies. <i>Journal of Clinical Investigation</i> , 2016, 126, 3981-3998.	8.2	285
2	House dust mites activate nociceptor mast cell clusters to drive type 2 skin inflammation. <i>Nature Immunology</i> , 2019, 20, 1435-1443.	14.5	196
3	Mast Cells in Inflammation and Disease: Recent Progress and Ongoing Concerns. <i>Annual Review of Immunology</i> , 2020, 38, 49-77.	21.8	178
4	A Connective Tissue Mast-Cell-Specific Receptor Detects Bacterial Quorum-Sensing Molecules and Mediates Antibacterial Immunity. <i>Cell Host and Microbe</i> , 2019, 26, 114-122.e8.	11.0	89
5	Cell-cell cooperation at the T helper cell/mast cell immunological synapse. <i>Blood</i> , 2009, 114, 4979-4988.	1.4	85
6	Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide. <i>Journal of Experimental Medicine</i> , 2017, 214, 1249-1258.	8.5	84
7	Mast cells form antibody-dependent degranulatory synapse for dedicated secretion and defence. <i>Nature Communications</i> , 2015, 6, 6174.	12.8	81
8	Assessing basophil activation by using flow cytometry and mass cytometry in blood stored 24 hours before analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 889-899.e11.	2.9	71
9	Decoupling the Functional Pleiotropy of Stem Cell Factor by Tuning c-Kit Signaling. <i>Cell</i> , 2017, 168, 1041-1052.e18.	28.9	70
10	Human mast cells drive memory CD4+ T cells toward an inflammatory IL-22+ phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1400-1407.e11.	2.9	60
11	Contribution of Mast Cell-Derived Interleukin-1 β to Uric Acid Crystal-Induced Acute Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 2881-2891.	5.6	59
12	Melanoma cell lysosome secretory burst neutralizes the CTL-mediated cytotoxicity at the lytic synapse. <i>Nature Communications</i> , 2016, 7, 10823.	12.8	54
13	IgE antibodies, Fc μ R1 \pm , and IgE-mediated local anaphylaxis can limit snake venom toxicity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 246-257.e11.	2.9	53
14	Omalizumab in the treatment of adult patients with mastocytosis: A systematic review. <i>Clinical and Experimental Allergy</i> , 2020, 50, 654-661.	2.9	50
15	Imaging protective mast cells in living mice during severe contact hypersensitivity. <i>JCI Insight</i> , 2017, 2, .	5.0	48
16	Dual vaccination against IL-4 and IL-13 protects against chronic allergic asthma in mice. <i>Nature Communications</i> , 2021, 12, 2574.	12.8	46
17	Genetic and Imaging Approaches Reveal Pro-Inflammatory and Immunoregulatory Roles of Mast Cells in Contact Hypersensitivity. <i>Frontiers in Immunology</i> , 2018, 9, 1275.	4.8	38
18	IgE Effector Mechanisms, in Concert with Mast Cells, Contribute to Acquired Host Defense against <i>Staphylococcus aureus</i> . <i>Immunity</i> , 2020, 53, 793-804.e9.	14.3	38

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19	A TNFRSF14-Fc γ RI-mast cell pathway contributes to development of multiple features of asthma pathology in mice. <i>Nature Communications</i> , 2016, 7, 13696.	12.8	36
20	Pathways of immediate hypothermia and leukocyte infiltration in an adjuvant-free mouse model of anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 584-596.e10.	2.9	32
21	Neutrophil-specific gain-of-function mutations in <i>Nlrp3</i> promote development of cryopyrin-associated periodic syndrome. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	29
22	MRGPRX2 sensing of cationic compoundsâ€”A bridge between nociception and skin diseases?. <i>Experimental Dermatology</i> , 2021, 30, 193-200.	2.9	25
23	Human mast cells as antigen-presenting cells: When is this role important in vivo?. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 92-93.	2.9	24
24	Mas-related G protein-coupled receptors (Mrgprs) â€” Key regulators of neuroimmune interactions. <i>Neuroscience Letters</i> , 2021, 749, 135724.	2.1	24
25	Nociceptorâ€”Mast Cell Sensory Clusters as Regulators of Skin Homeostasis. <i>Trends in Neurosciences</i> , 2020, 43, 130-132.	8.6	22
26	Rapid identification of human mast cell degranulation regulators using functional genomics coupled to high-resolution confocal microscopy. <i>Nature Protocols</i> , 2020, 15, 1285-1310.	12.0	20
27	A new fluorescent-avidinâ€”based method for quantifying basophil activation in whole blood. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1202-1206.e3.	2.9	19
28	Neutrophils are not required for resolution of acute gouty arthritis in mice. <i>Nature Medicine</i> , 2016, 22, 1382-1384.	30.7	18
29	Analyzing the Functions of Mast Cells & In Vivo Using 'Mast Cell Knock-in' Mice. <i>Journal of Visualized Experiments</i> , 2015, , e52753.	0.3	17
30	IgE antibodies increase honeybee venom responsiveness and detoxification efficiency of mast cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 499-512.	5.7	15
31	Peripheral neurons: Master regulators of skin and mucosal immune response. <i>European Journal of Immunology</i> , 2019, 49, 1984-1997.	2.9	11
32	Guanine nucleotide exchange factor RABGEF1 regulates keratinocyte-intrinsic signaling to maintain skin homeostasis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4497-4515.	8.2	11
33	Bidirectional sensory neuronâ€”immune interactions: a new vision in the understanding of allergic inflammation. <i>Current Opinion in Immunology</i> , 2021, 72, 79-86.	5.5	9
34	The tyrosine kinase inhibitor imatinib mesylate suppresses uric acid crystal-induced acute gouty arthritis in mice. <i>PLoS ONE</i> , 2017, 12, e0185704.	2.5	9
35	Comment on â€”Tumor-initiating cells establish an IL-33â€”TGF- β niche signaling loop to promote cancer progressionâ€” <i>Science</i> , 2021, 372, .	12.6	4
36	Mast cellâ€”neuron axis in allergy. <i>Current Opinion in Immunology</i> , 2022, 77, 102213.	5.5	2

#	ARTICLE	IF	CITATIONS
37	Reply. Journal of Allergy and Clinical Immunology, 2013, 132, 1458-1459.	2.9	0
38	FcÉRI et MRGPRX2ÂrÃ©gulent diffÃ©remment la dynamique de dÃ©granulation des mastocytes. Revue Francaise D'allergologie, 2018, 58, 101-105.	0.2	0