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	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 cellâ€“neuron axis in allergy. Current Opinion in Immunology, 2022, 77, 102213.	5.5	2
3	MRGPRX2 sensing of cationic compoundsâ€”A bridge between nociception and skin diseases?. Experimental Dermatology, 2021, 30, 193-200.	2.9	25
4	Mas-related G protein-coupled receptors (Mrgprs) â€“ Key regulators of neuroimmune interactions. Neuroscience Letters, 2021, 749, 135724.	2.1	24
5	Comment on â€œTumor-initiating cells establish an IL-33â€“TGF-Î² niche signaling loop to promote cancer progressionâ€• Science, 2021, 372, .	12.6	4
6	Dual vaccination against IL-4 and IL-13 protects against chronic allergic asthma in mice. Nature Communications, 2021, 12, 2574.	12.8	46
7	Neutrophil-specific gain-of-function mutations in Nlrp3 promote development of cryopyrin-associated periodic syndrome. Journal of Experimental Medicine, 2021, 218, .	8.5	29
8	Bidirectional sensory neuronâ€“immune interactions: a new vision in the understanding of allergic inflammation. Current Opinion in Immunology, 2021, 72, 79-86.	5.5	9
9	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
10	Omalizumab in the treatment of adult patients with mastocytosis: A systematic review. Clinical and Experimental Allergy, 2020, 50, 654-661.	2.9	50
11	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
12	Mast Cells in Inflammation and Disease: Recent Progress and Ongoing Concerns. Annual Review of Immunology, 2020, 38, 49-77.	21.8	178
13	Nociceptorâ€“Mast Cell Sensory Clusters as Regulators of Skin Homeostasis. Trends in Neurosciences, 2020, 43, 130-132.	8.6	22
14	Peripheral neurons: Master regulators of skin and mucosal immune response. European Journal of Immunology, 2019, 49, 1984-1997.	2.9	11
15	A Connective Tissue Mast-Cell-Specific Receptor Detects Bacterial Quorum-Sensing Molecules and Mediates Antibacterial Immunity. Cell Host and Microbe, 2019, 26, 114-122.e8.	11.0	89
16	House dust mites activate nociceptorâ€“mast cell clusters to drive type 2 skin inflammation. Nature Immunology, 2019, 20, 1435-1443.	14.5	196
17	FcÉ›RI et MRGPRX2ÂrÃ©gulent diffÃ©remment la dynamique de dÃ©granulation des mastocytes. Revue Francaise D'allergologie, 2018, 58, 101-105.	0.2	0
18	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

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19	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
20	Decoupling the Functional Pleiotropy of Stem Cell Factor by Tuning c-Kit Signaling. Cell, 2017, 168, 1041-1052.e18.	28.9	70
21	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
22	Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide. Journal of Experimental Medicine, 2017, 214, 1249-1258.	8.5	84
23	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
24	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
25	Imaging protective mast cells in living mice during severe contact hypersensitivity. JCI Insight, 2017, 2, .	5.0	48
26	The tyrosine kinase inhibitor imatinib mesylate suppresses uric acid crystal-induced acute gouty arthritis in mice. PLoS ONE, 2017, 12, e0185704.	2.5	9
27	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
28	Neutrophils are not required for resolution of acute gouty arthritis in mice. Nature Medicine, 2016, 22, 1382-1384.	30.7	18
29	Melanoma cell lysosome secretory burst neutralizes the CTL-mediated cytotoxicity at the lytic synapse. Nature Communications, 2016, 7, 10823.	12.8	54
30	IgE antibodies, FcÎµRIÎ±, and IgE-mediated local anaphylaxis can limit snake venom toxicity. Journal of Allergy and Clinical Immunology, 2016, 137, 246-257.e11.	2.9	53
31	Different activation signals induce distinct mast cell degranulation strategies. Journal of Clinical Investigation, 2016, 126, 3981-3998.	8.2	285
32	Guanine nucleotide exchange factor RABGEF1 regulates keratinocyte-intrinsic signaling to maintain skin homeostasis. Journal of Clinical Investigation, 2016, 126, 4497-4515.	8.2	11
33	Mast cells form antibody-dependent degranulatory synapse for dedicated secretion and defence. Nature Communications, 2015, 6, 6174.	12.8	81
34	Analyzing the Functions of Mast Cells In Vivo Using 'Mast Cell Knock-in' Mice. Journal of Visualized Experiments, 2015, , e52753.	0.3	17
35	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
36	Reply. Journal of Allergy and Clinical Immunology, 2013, 132, 1458-1459.	2.9	0

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37	Human mast cells drive memory CD4+ T cells toward an inflammatory IL-22+ phenotype. Journal of Allergy and Clinical Immunology, 2013, 131, 1400-1407.e11.	2.9	60
38	Cell-cell cooperation at the T helper cell/mast cell immunological synapse. Blood, 2009, 114, 4979-4988.	1.4	85