Thomas Marichal

List of Publications by Year
in descending order

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51	5,289	159585	206112
papers	citations	30 h-index	48 g-index

55	55	55	8732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two distinct interstitial macrophage populations coexist across tissues in specific subtissular niches. Science, 2019, 363, .	12.6	676
2	DNA released from dying host cells mediates aluminum adjuvant activity. Nature Medicine, 2011, 17, 996-1002.	30.7	482
3	Lung-resident eosinophils represent a distinct regulatory eosinophil subset. Journal of Clinical Investigation, 2016, 126, 3279-3295.	8.2	373
4	Lung interstitial macrophages alter dendritic cell functions to prevent airway allergy in mice. Journal of Clinical Investigation, 2009, 119, 3723-3738.	8.2	332
5	Different activation signals induce distinct mast cell degranulation strategies. Journal of Clinical Investigation, 2016, 126, 3981-3998.	8.2	285
6	Neutrophil extracellular traps infiltrate the lung airway, interstitial, and vascular compartments in severe COVID-19. Journal of Experimental Medicine, 2020, 217, .	8.5	274
7	Host DNA released by NETosis promotes rhinovirus-induced type-2 allergic asthma exacerbation. Nature Medicine, 2017, 23, 681-691.	30.7	260
8	Non-classical tissue monocytes and two functionally distinct populations of interstitial macrophages populate the mouse lung. Nature Communications, 2019, 10, 3964.	12.8	206
9	House dust mites activate nociceptorâ€“mast cell clusters to drive type 2 skin inflammation. Nature Immunology, 2019, 20, 1435-1443.	14.5	196
10	New models for analyzing mast cell functions in vivo. Trends in Immunology, 2012, 33, 613-625.	6.8	172
11	Exposure to Bacterial CpG DNA Protects from Airway Allergic Inflammation by Expanding Regulatory Lung Interstitial Macrophages. Immunity, 2017, 46, 457-473.	14.3	171
12	A Beneficial Role for Immunoglobulin E in Host Defense against Honeybee Venom. Immunity, 2013, 39, 963-975.	14.3	151
13	IgE and mast cells in host defense against parasites and venoms. Seminars in Immunopathology, 2016, 38, 581-603.	6.1	151
14	Mast Cells: Potential Positive and Negative Roles in Tumor Biology. Cancer Immunology Research, 2013, 1, 269-279.	3.4	143
15	Homeostatic Eosinophils: Characteristics and Functions. Frontiers in Medicine, 2017, 4, 101.	2.6	124
16	Lung Interstitial Macrophages: Past, Present, and Future. Journal of Immunology Research, 2018, 2018, 1-10.	2.2	115
17	Locally instructed CXCR4hi neutrophils trigger environment-driven allergic asthma through the release of neutrophil extracellular traps. Nature Immunology, 2019, 20, 1444-1455.	14.5	106
18	Approaches for Analyzing the Roles of Mast Cells and Their Proteases In Vivo. Advances in Immunology, 2015, 126, 45-127.	2.2	93

#	Article	IF	Citations
19	The interstitial macrophage: A long-neglected piece in the puzzle of lung immunity. Cellular Immunology, 2018, 330, 91-96.	3.0	86
20	Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide. Journal of Experimental Medicine, 2017, 214, 1249-1258.	8.5	84
21	Sirtuin 1 Promotes Th2 Responses and Airway Allergy by Repressing Peroxisome Proliferator-Activated Receptor-Î³ Activity in Dendritic Cells. Journal of Immunology, 2011, 187, 4517-4529.	0.8	74
22	Role of neutrophils in allergic asthma. Current Opinion in Immunology, 2018, 54, 28-34.	5.5	65
23	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
24	Mast cells and IgE in defense against venoms: Possible â€œgood sideâ€•of allergy?. Allergology International, 2016, 65, 3-15.	3.3	58
25	Resident CD11b+Ly6Câ^' Lung Dendritic Cells Are Responsible for Allergic Airway Sensitization to House Dust Mite in Mice. PLoS ONE, 2012, 7, e53242.	2.5	55
26	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
27	Interferon response factor 3 is essential for house dust miteâ€"induced airway allergy. Journal of Allergy and Clinical Immunology, 2010, 126, 836-844.e13.	2.9	45
28	Approaches to target IgE antibodies in allergic diseases. , 2018, 191, 50-64.		40
29	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
30	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
31	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
32	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
33	Neutrophil-specific gain-of-function mutations in Nlrp3 promote development of cryopyrin-associated periodic syndrome. Journal of Experimental Medicine, 2021, 218, .	8.5	29
34	Characterization of the Bronchoalveolar Lavage Fluid by Single Cell Gene Expression Analysis in Healthy Dogs: A Promising Technique. Frontiers in Immunology, 2020, 11, 1707.	4.8	22
35	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
36	Ozone-primed neutrophils promote early steps of tumour cell metastasis to lungs by enhancing their NET production. Thorax, 2019, 74, 768-779.	5.6	20

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37	PLA2G3 promotes mast cell maturation and function. Nature Immunology, 2013, 14, 527-529.	14.5	16
38	B cellâ€intrinsic MyD88 signaling controls IFNâ€Î³â€mediated early IgG2c class switching in mice in response to a particulate adjuvant. European Journal of Immunology, 2019, 49, 1433-1440.	2.9	15
39	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
40	Identification of Pro-Fibrotic Macrophage Populations by Single-Cell Transcriptomic Analysis in West Highland White Terriers Affected With Canine Idiopathic Pulmonary Fibrosis. Frontiers in Immunology, 2020, 11, 611749.	4.8	13
41	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
42	Interferon response factorâ€3 promotes the proâ€Th2 activity of mouse lung CD11b⁺ conventional dendritic cells in response to house dust mite allergens. European Journal of Immunology, 2016, 46, 2614-2628.	2.9	12
43	Guanine nucleotide exchange factor RABGEF1 regulates keratinocyte-intrinsic signaling to maintain skin homeostasis. Journal of Clinical Investigation, 2016, 126, 4497-4515.	8.2	11
44	Neutrophil Extracellular Traps Are Found in Bronchoalveolar Lavage Fluids of Horses With Severe Asthma and Correlate With Asthma Severity. Frontiers in Immunology, 0, 13, .	4.8	8
45	Epithelial RABGEF1 deficiency promotes intestinal inflammation by dysregulating intrinsic MYD88-dependent innate signaling. Mucosal Immunology, 2020, 13, 96-109.	6.0	4
46	Endothelial cells instruct macrophages on how to Rspond to lung injury. Nature Immunology, 2020, 21, 1317-1318.	14.5	4
47	Editorial: Role of Neutrophils in Inflammatory Diseases. Frontiers in Immunology, 2020, 11, 627939.	4.8	4
48	Identification and Quantitation of Neutrophil Extracellular Traps in Human Tissue Sections. Bio-protocol, 2021, 11, e4159.	0.4	4
49	Neutrophil extracellular traps: key drivers of severe Covid-19. Hematologie, 2021, 27, 200-207.	0.0	1
50	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
51	FRT â€“ FONDATION RENE TOURAINE. Experimental Dermatology, 2015, 24, 803-820.	2.9	0