

Thomas Marichal

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,289
citations

159585

30
h-index

206112

48
g-index

55
all docs

55
docs citations

55
times ranked

8732
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Neutrophil extracellular traps: key drivers of severe Covid-19. <i>Hematologie</i> , 2021, 27, 200-207. | 0.0 | 1 |
| 3 | 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 |
| 4 | Identification and Quantitation of Neutrophil Extracellular Traps in Human Tissue Sections. <i>Bio-protocol</i> , 2021, 11, e4159. | 0.4 | 4 |
| 5 | Epithelial RABGEF1 deficiency promotes intestinal inflammation by dysregulating intrinsic MYD88-dependent innate signaling. <i>Mucosal Immunology</i> , 2020, 13, 96-109. | 6.0 | 4 |
| 6 | Endothelial cells instruct macrophages on how to Respond to lung injury. <i>Nature Immunology</i> , 2020, 21, 1317-1318. | 14.5 | 4 |
| 7 | Characterization of the Bronchoalveolar Lavage Fluid by Single Cell Gene Expression Analysis in Healthy Dogs: A Promising Technique. <i>Frontiers in Immunology</i> , 2020, 11, 1707. | 4.8 | 22 |
| 8 | Neutrophil extracellular traps infiltrate the lung airway, interstitial, and vascular compartments in severe COVID-19. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 8.5 | 274 |
| 9 | 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 |
| 10 | Editorial: Role of Neutrophils in Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 627939. | 4.8 | 4 |
| 11 | Mast cells and IgE in defense against lethality of venoms: Possible "benefit" of allergy. <i>Allergo Journal International</i> , 2020, 29, 46-62. | 2.0 | 22 |
| 12 | Identification of Pro-Fibrotic Macrophage Populations by Single-Cell Transcriptomic Analysis in West Highland White Terriers Affected With Canine Idiopathic Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 611749. | 4.8 | 13 |
| 13 | Non-classical tissue monocytes and two functionally distinct populations of interstitial macrophages populate the mouse lung. <i>Nature Communications</i> , 2019, 10, 3964. | 12.8 | 206 |
| 14 | Locally instructed CXCR4hi neutrophils trigger environment-driven allergic asthma through the release of neutrophil extracellular traps. <i>Nature Immunology</i> , 2019, 20, 1444-1455. | 14.5 | 106 |
| 15 | Ozone-primed neutrophils promote early steps of tumour cell metastasis to lungs by enhancing their NET production. <i>Thorax</i> , 2019, 74, 768-779. | 5.6 | 20 |
| 16 | B cell-intrinsic MyD88 signaling controls IFN α -mediated early IgG2c class switching in mice in response to a particulate adjuvant. <i>European Journal of Immunology</i> , 2019, 49, 1433-1440. | 2.9 | 15 |
| 17 | Two distinct interstitial macrophage populations coexist across tissues in specific subtissular niches. <i>Science</i> , 2019, 363, . | 12.6 | 676 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | The interstitial macrophage: A long-neglected piece in the puzzle of lung immunity. <i>Cellular Immunology</i> , 2018, 330, 91-96. | 3.0 | 86 |
| 20 | Lung Interstitial Macrophages: Past, Present, and Future. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10. | 2.2 | 115 |
| 21 | Approaches to target IgE antibodies in allergic diseases. , 2018, 191, 50-64. | | 40 |
| 22 | 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 |
| 23 | Role of neutrophils in allergic asthma. <i>Current Opinion in Immunology</i> , 2018, 54, 28-34. | 5.5 | 65 |
| 24 | Host DNA released by NETosis promotes rhinovirus-induced type-2 allergic asthma exacerbation. <i>Nature Medicine</i> , 2017, 23, 681-691. | 30.7 | 260 |
| 25 | Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide. <i>Journal of Experimental Medicine</i> , 2017, 214, 1249-1258. | 8.5 | 84 |
| 26 | Exposure to Bacterial CpG DNA Protects from Airway Allergic Inflammation by Expanding Regulatory Lung Interstitial Macrophages. <i>Immunity</i> , 2017, 46, 457-473. | 14.3 | 171 |
| 27 | 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 |
| 28 | Homeostatic Eosinophils: Characteristics and Functions. <i>Frontiers in Medicine</i> , 2017, 4, 101. | 2.6 | 124 |
| 29 | Mast Cells and IgE can Enhance Survival During Innate and Acquired Host Responses to Venoms. <i>Transactions of the American Clinical and Climatological Association</i> , 2017, 128, 193-221. | 0.5 | 13 |
| 30 | Mast cells and IgE in defense against venoms: Possible "good side" of allergy?. <i>Allergology International</i> , 2016, 65, 3-15. | 3.3 | 58 |
| 31 | IgE and mast cells in host defense against parasites and venoms. <i>Seminars in Immunopathology</i> , 2016, 38, 581-603. | 6.1 | 151 |
| 32 | Interferon response factor β promotes the pro-Th2 activity of mouse lung CD11b ⁺ conventional dendritic cells in response to house dust mite allergens. <i>European Journal of Immunology</i> , 2016, 46, 2614-2628. | 2.9 | 12 |
| 33 | 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 |
| 34 | Different activation signals induce distinct mast cell degranulation strategies. <i>Journal of Clinical Investigation</i> , 2016, 126, 3981-3998. | 8.2 | 285 |
| 35 | Lung-resident eosinophils represent a distinct regulatory eosinophil subset. <i>Journal of Clinical Investigation</i> , 2016, 126, 3279-3295. | 8.2 | 373 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | FRT – FONDATION RENE TOURAINE. <i>Experimental Dermatology</i> , 2015, 24, 803-820. | 2.9 | 0 |
| 38 | Approaches for Analyzing the Roles of Mast Cells and Their Proteases In Vivo. <i>Advances in Immunology</i> , 2015, 126, 45-127. | 2.2 | 93 |
| 39 | Testing the –toxin hypothesis of allergy™: mast cells, IgE, and innate and acquired immune responses to venoms. <i>Current Opinion in Immunology</i> , 2015, 36, 80-87. | 5.5 | 30 |
| 40 | 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 |
| 41 | IgE Antibodies and Fc γ RI Are Critical For Acquired Resistance Against Honeybee Venom In Mice. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, AB225. | 2.9 | 0 |
| 42 | PLA2G3 promotes mast cell maturation and function. <i>Nature Immunology</i> , 2013, 14, 527-529. | 14.5 | 16 |
| 43 | A Beneficial Role for Immunoglobulin E in Host Defense against Honeybee Venom. <i>Immunity</i> , 2013, 39, 963-975. | 14.3 | 151 |
| 44 | Mast Cells: Potential Positive and Negative Roles in Tumor Biology. <i>Cancer Immunology Research</i> , 2013, 1, 269-279. | 3.4 | 143 |
| 45 | New models for analyzing mast cell functions in vivo. <i>Trends in Immunology</i> , 2012, 33, 613-625. | 6.8 | 172 |
| 46 | Resident CD11b+Ly6C α^+ Lung Dendritic Cells Are Responsible for Allergic Airway Sensitization to House Dust Mite in Mice. <i>PLoS ONE</i> , 2012, 7, e53242. | 2.5 | 55 |
| 47 | DNA released from dying host cells mediates aluminum adjuvant activity. <i>Nature Medicine</i> , 2011, 17, 996-1002. | 30.7 | 482 |
| 48 | Sirtuin 1 Promotes Th2 Responses and Airway Allergy by Repressing Peroxisome Proliferator-Activated Receptor– β Activity in Dendritic Cells. <i>Journal of Immunology</i> , 2011, 187, 4517-4529. | 0.8 | 74 |
| 49 | Interferon response factor 3 is essential for house dust mite–induced airway allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 836-844.e13. | 2.9 | 45 |
| 50 | Lung interstitial macrophages alter dendritic cell functions to prevent airway allergy in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3723-3738. | 8.2 | 332 |
| 51 | Neutrophil Extracellular Traps Are Found in Bronchoalveolar Lavage Fluids of Horses With Severe Asthma and Correlate With Asthma Severity. <i>Frontiers in Immunology</i> , 0, 13, . | 4.8 | 8 |