

Michael Mingueneau

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,313
citations

279701

23
h-index

265120

42
g-index

47
all docs

47
docs citations

47
times ranked

5466
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional insights into the CD8+ T cell response to infection and memory T cell formation. <i>Nature Immunology</i> , 2013, 14, 404-412.	7.0	303
2	The transcriptional landscape of $\hat{1}\hat{2}$ T cell differentiation. <i>Nature Immunology</i> , 2013, 14, 619-632.	7.0	256
3	Conditional density-based analysis of T cell signaling in single-cell data. <i>Science</i> , 2014, 346, 1250689.	6.0	188
4	Th2 Lymphoproliferative Disorder of <i>Lat</i> <i>Y136F</i> Mutant Mice Unfolds Independently of TCR-MHC Engagement and Is Insensitive to the Action of Foxp3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 180, 1565-1575.	0.4	165
5	Cytometry by time-of-flight immunophenotyping identifies a blood Sjögren's signature correlating with disease activity and glandular inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1809-1821.e12.	1.5	129
6	Shared and distinct transcriptional programs underlie the hybrid nature of iNKT cells. <i>Nature Immunology</i> , 2013, 14, 90-99.	7.0	106
7	Loss of the LAT Adaptor Converts Antigen-Responsive T Cells into Pathogenic Effectors that Function Independently of the T Cell Receptor. <i>Immunity</i> , 2009, 31, 197-208.	6.6	105
8	The proline-rich sequence of CD3 μ controls T cell antigen receptor expression on and signaling potency in preselection CD4+CD8+ thymocytes. <i>Nature Immunology</i> , 2008, 9, 522-532.	7.0	91
9	Multiplicity and plasticity of natural killer cell signaling pathways. <i>Blood</i> , 2006, 107, 2364-2372.	0.6	83
10	Salivary gland epithelial cells from patients with Sjögren's syndrome induce B-lymphocyte survival and activation. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1468-1477.	0.5	62
11	ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.	7.0	55
12	Imbalanced signal transduction in regulatory T cells expressing the transcription factor FoxP3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14942-14947.	3.3	52
13	Single-cell mass cytometry of TCR signaling: Amplification of small initial differences results in low ERK activation in NOD mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16466-16471.	3.3	50
14	Differential accumulation of storage bodies with aging defines discrete subsets of microglia in the healthy brain. <i>ELife</i> , 2020, 9, .	2.8	49
15	Thymic negative selection is functional in NOD mice. <i>Journal of Experimental Medicine</i> , 2012, 209, 623-637.	4.2	43
16	Tonic ubiquitylation controls T-cell receptor:CD3 complex expression during T-cell development. <i>EMBO Journal</i> , 2010, 29, 1285-1298.	3.5	40
17	S1PR5 is essential for human natural killer cell migration toward sphingosine-1 phosphate. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2265-2268.e1.	1.5	39
18	Cytometry by time of flight identifies distinct signatures in patients with systemic sclerosis, systemic lupus erythematosus and Sjögren's syndrome. <i>European Journal of Immunology</i> , 2020, 50, 119-129.	1.6	39

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19	Consortium biology in immunology: the perspective from the Immunological Genome Project. <i>Nature Reviews Immunology</i> , 2012, 12, 734-740.	10.6	37
20	The Hippo pathway effector YAP is an essential regulator of ductal progenitor patterning in the mouse submandibular gland. <i>ELife</i> , 2017, 6, .	2.8	37
21	Role of the IL-12/IL-35 balance in patients with Sjögren syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 258-268.e5.	1.5	34
22	Organotypic Brain Slice Culture Microglia Exhibit Molecular Similarity to Acutely-Isolated Adult Microglia and Provide a Platform to Study Neuroinflammation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 592005.	1.8	29
23	MOG autoantibodies trigger a tightly-controlled FcR and BTK-driven microglia proliferative response. <i>Brain</i> , 2021, 144, 2361-2374.	3.7	29
24	BTK inhibition limits B-cell-T-cell interaction through modulation of B-cell metabolism: implications for multiple sclerosis therapy. <i>Acta Neuropathologica</i> , 2022, 143, 505-521.	3.9	29
25	Interleukin-7/Interferon Axis Drives T Cell and Salivary Gland Epithelial Cell Interactions in Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2021, 73, 631-640.	2.9	26
26	Identification of Novel CD4+ T Cell Subsets in the Target Tissue of Sjögren's Syndrome and Their Differential Regulation by the Lymphotoxin/LIGHT Signaling Axis. <i>Journal of Immunology</i> , 2016, 197, 3806-3819.	0.4	24
27	LAT signaling pathology: an "autoimmune" condition without T cell self-reactivity. <i>Trends in Immunology</i> , 2010, 31, 253-259.	2.9	23
28	BAFF overexpression increases lymphocytic infiltration in Sjögren's target tissue, but only inefficiently promotes ectopic B-cell differentiation. <i>Clinical Immunology</i> , 2016, 169, 69-79.	1.4	20
29	Clinical relevance of ROR γ positive and negative subsets of CD161 ⁺ CD4 ⁺ T cells in primary Sjögren's syndrome. <i>Rheumatology</i> , 2017, 56, 303-312.	0.9	20
30	STAT6 Deletion Converts the Th2 Inflammatory Pathology Afflicting <i>LatY136F</i> Mice into a Lymphoproliferative Disorder Involving Th1 and CD8 Effector T Cells. <i>Journal of Immunology</i> , 2009, 182, 2680-2689.	0.4	19
31	RNA-Seq and CyTOF immuno-profiling of regenerating lacrimal glands identifies a novel subset of cells expressing muscle-related proteins. <i>PLoS ONE</i> , 2017, 12, e0179385.	1.1	19
32	Discovery and Preclinical Characterization of BIIB091, a Reversible, Selective BTK Inhibitor for the Treatment of Multiple Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1206-1224.	2.9	18
33	Next-generation Bruton's tyrosine kinase inhibitor BIIB091 selectively and potently inhibits B cell and Fc receptor signaling and downstream functions in B cells and myeloid cells. <i>Clinical and Translational Immunology</i> , 2021, 10, e1295.	1.7	13
34	Association between T follicular helper cells and T peripheral helper cells with B-cell biomarkers and disease activity in primary Sjögren syndrome. <i>RMD Open</i> , 2021, 7, e001442.	1.8	12
35	Gene expression alterations in salivary gland epithelia of Sjögren's syndrome patients are associated with clinical and histopathological manifestations. <i>Scientific Reports</i> , 2021, 11, 11154.	1.6	9
36	Preclinical Analysis of Candidate Anti-Human CD79 Therapeutic Antibodies Using a Humanized CD79 Mouse Model. <i>Journal of Immunology</i> , 2022, 208, 1566-1584.	0.4	8

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37	Lymphoproliferative disorders involving T helper effector cells with defective LAT signalosomes. Seminars in Immunopathology, 2010, 32, 117-125.	2.8	7
38	Hands-on experiments on glycemia regulation and type 1 diabetes. American Journal of Physiology - Advances in Physiology Education, 2015, 39, 232-239.	0.8	6
39	Optimization of a novel piperazinone series as potent selective peripheral covalent BTK inhibitors. Bioorganic and Medicinal Chemistry Letters, 2022, 60, 128549.	1.0	4
40	Th2 Lymphoproliferative Disorders Resulting from Defective LAT Signalosomes. Novartis Foundation Symposium, 2007, 281, 93-102.	1.2	3
41	Novel Potent Selective Orally Active S1P5 Receptor Antagonists. ACS Medicinal Chemistry Letters, 2021, 12, 351-355.	1.3	2
42	Isolation of Microglia and Analysis of Protein Expression by Flow Cytometry: Avoiding the Pitfall of Microglia Background Autofluorescence. Bio-protocol, 2021, 11, e4091.	0.2	1
43	A multidisciplinary guided practical on type I diabetes engaging students in inquiry-based learning. American Journal of Physiology - Advances in Physiology Education, 2015, 39, 383-391.	0.8	0
44	AB0190â€¦CROSSTALK BETWEEN SALIVARY GLAND EPITHELIAL CELLS AND B LYMPHOCYTES IN PRIMARY SJÄ–GRENâ€™S SYNDROME. , 2019, , .		0