

Antoine MarÃ§ais

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,563
citations

331670

21
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

4591
citing authors

#	ARTICLE	IF	CITATIONS
1	The metabolic checkpoint kinase mTOR is essential for IL-15 signaling during the development and activation of NK cells. <i>Nature Immunology</i> , 2014, 15, 749-757.	14.5	484
2	TGF- β 2 inhibits the activation and functions of NK cells by repressing the mTOR pathway. <i>Science Signaling</i> , 2016, 9, ra19.	3.6	453
3	TLR2 engagement on CD8 T cells lowers the threshold for optimal antigen-induced T cell activation. <i>European Journal of Immunology</i> , 2006, 36, 1684-1693.	2.9	172
4	Regulation of Mouse NK Cell Development and Function by Cytokines. <i>Frontiers in Immunology</i> , 2013, 4, 450.	4.8	155
5	T-bet and Eomes govern differentiation and function of mouse and human NK cells and ILC1. <i>European Journal of Immunology</i> , 2018, 48, 738-750.	2.9	152
6	Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. <i>Journal of Experimental Medicine</i> , 2015, 212, 2015-2025.	8.5	151
7	Missing self triggers NK cell-mediated chronic vascular rejection of solid organ transplants. <i>Nature Communications</i> , 2019, 10, 5350.	12.8	100
8	Alteration of Natural Killer cell phenotype and function in obese individuals. <i>Clinical Immunology</i> , 2017, 177, 12-17.	3.2	93
9	Dicer-Dependent MicroRNA Pathway Controls Invariant NKT Cell Development. <i>Journal of Immunology</i> , 2009, 183, 2506-2512.	0.8	82
10	Control of proliferation by Bcl-2 family members. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1644, 159-168.	4.1	68
11	High mTOR activity is a hallmark of reactive natural killer cells and amplifies early signaling through activating receptors. <i>ELife</i> , 2017, 6, .	6.0	65
12	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. <i>Journal of Experimental Medicine</i> , 2014, 211, 2281-2295.	8.5	57
13	Cutting Edge: Immediate RANTES Secretion by Resting Memory CD8 T Cells Following Antigenic Stimulation. <i>Journal of Immunology</i> , 2003, 170, 1615-1619.	0.8	48
14	Monitoring NK cell activity in patients with hematological malignancies. <i>Oncolimmunology</i> , 2013, 2, e26011.	4.6	40
15	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.	2.9	39
16	Sequential actions of EOMES and T-BET promote stepwise maturation of natural killer cells. <i>Nature Communications</i> , 2021, 12, 5446.	12.8	38
17	Flt3 Ligand-Generated Murine Plasmacytoid and Conventional Dendritic Cells Differ in Their Capacity to Prime Naive CD8 T Cells and to Generate Memory Cells In Vivo. <i>Journal of Immunology</i> , 2005, 175, 189-195.	0.8	37
18	Characterization of a CD44/CD122 ^{int} Memory CD8 T Cell Subset Generated under Sterile Inflammatory Conditions. <i>Journal of Immunology</i> , 2009, 182, 3846-3854.	0.8	29

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19	Negative Regulation of NKG2D Expression by IL-4 in Memory CD8 T Cells. <i>Journal of Immunology</i> , 2012, 189, 3480-3489.	0.8	27
20	MicroRNAs of the miR-290/295 Family Maintain Bivalency in Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 635-642.	4.8	24
21	Regulation of mTOR, Metabolic Fitness, and Effector Functions by Cytokines in Natural Killer Cells. <i>Cancers</i> , 2017, 9, 132.	3.7	24
22	Human Naive and Memory T Cells Display Opposite Migratory Responses to Sphingosine-1 Phosphate. <i>Journal of Immunology</i> , 2018, 200, 551-557.	0.8	23
23	microRNAs Regulate Cell-to-Cell Variability of Endogenous Target Gene Expression in Developing Mouse Thymocytes. <i>PLoS Genetics</i> , 2015, 11, e1005020.	3.5	22
24	Peripheral natural killer cells in chronic hepatitis B patients display multiple molecular features of T cell exhaustion. <i>ELife</i> , 2021, 10, .	6.0	22
25	Maintenance of CCL5 mRNA stores by post-effector and memory CD8 T cells is dependent on transcription and is coupled to increased mRNA stability. <i>European Journal of Immunology</i> , 2006, 36, 2745-2754.	2.9	21
26	Cell-Autonomous CCL5 Transcription by Memory CD8 T Cells Is Regulated by IL-4. <i>Journal of Immunology</i> , 2006, 177, 4451-4457.	0.8	20
27	mTOR: A gate to NK cell maturation and activation. <i>Cell Cycle</i> , 2014, 13, 3315-3316.	2.6	17
28	MixMir: microRNA motif discovery from gene expression data using mixed linear models. <i>Nucleic Acids Research</i> , 2014, 42, e135-e135.	14.5	16
29	One-Year Follow-Up of Natural Killer Cell Activity in Multiple Myeloma Patients Treated With Adjuvant Lenalidomide Therapy. <i>Frontiers in Immunology</i> , 2018, 9, 704.	4.8	15
30	Zeb1 represses TCR signaling, promotes the proliferation of T cell progenitors and is essential for NK1.1+ T cell development. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2140-2152.	10.5	12
31	Back to the drawing board: Understanding the complexity of hepatic innate lymphoid cells. <i>European Journal of Immunology</i> , 2016, 46, 2095-2098.	2.9	11
32	An immunosuppressive pathway for tumor progression. <i>Nature Medicine</i> , 2018, 24, 260-261.	30.7	11
33	A point mutation in the <i>Ncr1</i> signal peptide impairs the development of innate lymphoid cell subsets. <i>OncImmunology</i> , 2018, 7, e1475875.	4.6	9
34	Cutting Edge: mTORC1 Inhibition in Metastatic Breast Cancer Patients Negatively Affects Peripheral NK Cell Maturation and Number. <i>Journal of Immunology</i> , 2021, 206, 2265-2270.	0.8	7
35	NKp46-mediated <i>Dicer1</i> inactivation results in defective NK cell differentiation and effector functions in mice. <i>European Journal of Immunology</i> , 2016, 46, 1902-1911.	2.9	6
36	Chronic T cell receptor stimulation unmasks NK receptor signaling in peripheral T cell lymphomas via epigenetic reprogramming. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	4

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37	microRNAs calibrate T cell responses by regulating mTOR. <i>Oncotarget</i> , 2015, 6, 34059-34060.	1.8	4
38	Combinatorial Expression of NK Cell Receptors Governs Cell Subset Reactivity and Effector Functions but Not Tumor Specificity. <i>Journal of Immunology</i> , 2022, 208, 1802-1812.	0.8	1
39	Missing-Self Triggers NK-Mediated Microvascular Injuries and Chronic Rejection of Allogenic Kidney Transplants. <i>Transplantation</i> , 2018, 102, S48.	1.0	0
40	Abstract B55: The alarmin IL-33 is expressed in breast cancer: An emerging role in breast cancer immunity via the activation of NK cells?. , 2017, , .		0