

Frédéric Vély

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57
papers

4,780
citations

34
h-index

62
g-index

62
ext. papers

5,441
ext. citations

8.3
avg, IF

4.93
L-index

#	Paper	IF	Citations
57	Natural killer cell signaling pathways. <i>Science</i> , 2004 , 306, 1517-9	33.3	495
56	Dendritic cell-derived exosomes as maintenance immunotherapy after first line chemotherapy in NSCLC. <i>OncImmunology</i> , 2016 , 5, e1071008	7.2	367
55	Recognition of peptide-MHC class I complexes by activating killer immunoglobulin-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13224-9	11.5	316
54	Human and mouse killer-cell inhibitory receptors recruit PTP1C and PTP1D protein tyrosine phosphatases. <i>Journal of Immunology</i> , 1996 , 156, 4531-4	5.3	256
53	Reciprocal regulation of human natural killer cells and macrophages associated with distinct immune synapses. <i>Blood</i> , 2007 , 109, 3776-85	2.2	199
52	Innate lymphoid cells: major players in inflammatory diseases. <i>Nature Reviews Immunology</i> , 2017 , 17, 665-678	36.5	198
51	Evidence of innate lymphoid cell redundancy in humans. <i>Nature Immunology</i> , 2016 , 17, 1291-1299	19.1	196
50	The paired Ig-like receptor PIR-B is an inhibitory receptor that recruits the protein-tyrosine phosphatase SHP-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 2446-51	11.5	194
49	PD-1 mediates functional exhaustion of activated NK cells in patients with Kaposi sarcoma. <i>Oncotarget</i> , 2016 , 7, 72961-72977	3.3	187
48	Inhibition of antigen-induced T cell response and antibody-induced NK cell cytotoxicity by NKG2A: association of NKG2A with SHP-1 and SHP-2 protein-tyrosine phosphatases. <i>European Journal of Immunology</i> , 1998 , 28, 264-76	6.1	184
47	Tuning of natural killer cell reactivity by NKp46 and Helios calibrates T cell responses. <i>Science</i> , 2012 , 335, 344-8	33.3	159
46	Differential association of phosphatases with hematopoietic co-receptors bearing immunoreceptor tyrosine-based inhibition motifs. <i>European Journal of Immunology</i> , 1997 , 27, 1994-2000	6.1	120
45	Gene structure, expression pattern, and biological activity of mouse killer cell activating receptor-associated protein (KARAP)/DAP-12. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34115-9	5.4	119
44	Natural killer cells in human autoimmune diseases. <i>Immunology</i> , 2010 , 131, 451-8	7.8	104
43	Conservation of structural features reveals the existence of a large family of inhibitory cell surface receptors and noninhibitory/activatory counterparts. <i>Journal of Immunology</i> , 1997 , 159, 2075-7	5.3	103
42	Induction of B7-H6, a ligand for the natural killer cell-activating receptor NKp30, in inflammatory conditions. <i>Blood</i> , 2013 , 122, 394-404	2.2	100
41	Clinical impact of the NKp30/B7-H6 axis in high-risk neuroblastoma patients. <i>Science Translational Medicine</i> , 2015 , 7, 283ra55	17.5	97

40	Transduction of cytotoxic signals in natural killer cells: a general model of fine tuning between activatory and inhibitory pathways in lymphocytes. <i>Immunological Reviews</i> , 1997 , 155, 205-21	11.3	97
39	Signaling pathways engaged by NK cell receptors: double concerto for activating receptors, inhibitory receptors and NK cells. <i>Seminars in Immunology</i> , 2000 , 12, 139-47	10.7	95
38	CD146 and its soluble form regulate monocyte transendothelial migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 746-53	9.4	86
37	Homophilic interaction of NTBA, a member of the CD2 molecular family: induction of cytotoxicity and cytokine release in human NK cells. <i>European Journal of Immunology</i> , 2004 , 34, 1663-72	6.1	83
36	Interaction between Erbin and a Catenin-related protein in epithelial cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 2869-75	5.4	74
35	Molecular basis of the recruitment of the SH2 domain-containing inositol 5-phosphatases SHIP1 and SHIP2 by FcγRIIB. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37357-64	5.4	73
34	Critical role of Src and SHP-2 in sst2 somatostatin receptor-mediated activation of SHP-1 and inhibition of cell proliferation. <i>Molecular Biology of the Cell</i> , 2003 , 14, 3911-28	3.5	67
33	Soluble CD146 displays angiogenic properties and promotes neovascularization in experimental hind-limb ischemia. <i>Blood</i> , 2010 , 115, 3843-51	2.2	59
32	The role of natural killer cells in sepsis. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 986491		56
31	CD146 short isoform increases the proangiogenic potential of endothelial progenitor cells in vitro and in vivo. <i>Circulation Research</i> , 2010 , 107, 66-75	15.7	51
30	Phenotype and functions of natural killer cells in critically-ill septic patients. <i>PLoS ONE</i> , 2012 , 7, e50446	3.7	48
29	The involvement of CD146 and its novel ligand Galectin-1 in apoptotic regulation of endothelial cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 2571-9	5.4	48
28	Coordination of activating and inhibitory signals in natural killer cells. <i>Molecular Immunology</i> , 2005 , 42, 477-84	4.3	42
27	Mouse CD146/MCAM is a marker of natural killer cell maturation. <i>European Journal of Immunology</i> , 2008 , 38, 2855-64	6.1	38
26	NKp30 isoforms and NKp30 ligands are predictive biomarkers of response to imatinib mesylate in metastatic GIST patients. <i>OncImmunology</i> , 2017 , 6, e1137418	7.2	37
25	Interferon-γ production by natural killer cells and cytomegalovirus in critically ill patients. <i>Critical Care Medicine</i> , 2012 , 40, 3162-9	1.4	37
24	CD146 mediates VEGF-induced melanoma cell extravasation through FAK activation. <i>International Journal of Cancer</i> , 2015 , 137, 50-60	7.5	36
23	A high-resolution view of NK-cell receptors: structure and function. <i>Trends in Immunology</i> , 2000 , 21, 428-31		32

22	A new set of monoclonal antibodies against human Fc gamma RII (CD32) and Fc gamma RIII (CD16): characterization and use in various assays. <i>Hybridoma</i> , 1997 , 16, 519-28		31
21	Innate Lymphoid Cells in Cancer. <i>Cancer Immunology Research</i> , 2015 , 3, 1109-14	12.5	26
20	Functional and genetic testing in adults with HLH reveals an inflammatory profile rather than a cytotoxicity defect. <i>Blood</i> , 2020 , 136, 542-552	2.2	25
19	Imbalance of Circulating Innate Lymphoid Cell Subpopulations in Patients With Septic Shock. <i>Frontiers in Immunology</i> , 2019 , 10, 2179	8.4	23
18	Distribution of killer-cell immunoglobulin-like receptor (KIR) in Comoros and Southeast France. <i>Tissue Antigens</i> , 2006 , 67, 356-67		22
17	Analysis of immunoreceptor tyrosine-based activation motif (ITAM) binding to ZAP-70 by surface plasmon resonance. <i>European Journal of Immunology</i> , 1997 , 27, 3010-4	6.1	21
16	NK cell compartment in the peripheral blood and spleen in adult patients with primary immune thrombocytopenia. <i>Clinical Immunology</i> , 2017 , 177, 18-28	9	20
15	Discrimination of COVID-19 From Inflammation-Induced Cytokine Storm Syndromes Using Disease-Related Blood Biomarkers. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1791-1799	9.5	20
14	Combined Immunodeficiency in Patients With Trichohepatoenteric Syndrome. <i>Frontiers in Immunology</i> , 2018 , 9, 1036	8.4	19
13	Factors associated with post-seasonal serological titer and risk factors for infection with the pandemic A/H1N1 virus in the French general population. <i>PLoS ONE</i> , 2013 , 8, e60127	3.7	17
12	Protective activities of serum immunoglobulin G on the mucosal surface to <i>Vibrio cholerae</i> O1. <i>Bulletin De L'Institut Pasteur</i> , 1995 , 93, 273-283		16
11	Integrative study of pandemic A/H1N1 influenza infections: design and methods of the CoPanFlu-France cohort. <i>BMC Public Health</i> , 2012 , 12, 417	4.1	15
10	Pattern of DAP12 expression in leukocytes from both healthy and systemic lupus erythematosus patients. <i>PLoS ONE</i> , 2009 , 4, e6264	3.7	10
9	Structural Insights into the Inhibitory Mechanism of an Antibody against B7-H6, a Stress-Induced Cellular Ligand for the Natural Killer Cell Receptor NKp30. <i>Journal of Molecular Biology</i> , 2016 , 428, 4457-4466	6.5	9
8	Causal analysis of H1N1pdm09 influenza infection risk in a household cohort. <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 272-7	5.1	7
7	Function of killer cell inhibitory receptors for MHC class I molecules. <i>Immunology Letters</i> , 1996 , 54, 145-50	4.1	7
6	Natural killer cell receptor signaling pathway. <i>Science Signaling</i> , 2005 , 2005, cm6	8.8	6
5	BIAcore analysis to test phosphopeptide-SH2 domain interactions. <i>Methods in Molecular Biology</i> , 2000 , 121, 313-21	1.4	4

4	The enigma of activating isoforms of ITIM-bearing molecules. <i>Current Topics in Microbiology and Immunology</i> , 1999 , 244, 169-76	3.3	4
3	HLA-Fatal attraction. <i>Nature Immunology</i> , 2016 , 17, 1012-4	19.1	2
2	Innate lymphoid cell recovery and occurrence of GvHD after hematopoietic stem cell transplantation. <i>Journal of Leukocyte Biology</i> , 2021 ,	6.5	1
1	Les cellules NK. <i>Revue Francaise Drallergologie Et Drimmunologie Clinique</i> , 1999 , 39, 227-236		