

# Frédéric Vély

## List of Publications by Year in descending order

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59  
papers

5,885  
citations

101543

36  
h-index

144013

57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

8594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Killer Cell Signaling Pathways. <i>Science</i> , 2004, 306, 1517-1519.	12.6	605
2	Dendritic cell-derived exosomes as maintenance immunotherapy after first line chemotherapy in NSCLC. <i>Oncolmmunology</i> , 2016, 5, e1071008.	4.6	545
3	Recognition of peptideâ€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, 13224-13229.	7.1	358
4	Innate lymphoid cells: major players in inflammatory diseases. <i>Nature Reviews Immunology</i> , 2017, 17, 665-678.	22.7	282
5	Human and mouse killer-cell inhibitory receptors recruit PTP1C and PTP1D protein tyrosine phosphatases. <i>Journal of Immunology</i> , 1996, 156, 4531-4.	0.8	263
6	Evidence of innate lymphoid cell redundancy in humans. <i>Nature Immunology</i> , 2016, 17, 1291-1299.	14.5	260
7	PD-1 mediates functional exhaustion of activated NK cells in patients with Kaposi sarcoma. <i>Oncotarget</i> , 2016, 7, 72961-72977.	1.8	258
8	Reciprocal regulation of human natural killer cells and macrophages associated with distinct immune synapses. <i>Blood</i> , 2007, 109, 3776-3785.	1.4	227
9	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, 264-276.	2.9	215
10	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, 2446-2451.	7.1	207
11	Tuning of Natural Killer Cell Reactivity by NKp46 and Helios Calibrates T Cell Responses. <i>Science</i> , 2012, 335, 344-348.	12.6	190
12	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, 34115-34119.	3.4	135
13	Differential association of phosphatases with hematopoietic co-receptors bearing immunoreceptor tyrosine-based inhibition motifs. <i>European Journal of Immunology</i> , 1997, 27, 1994-2000.	2.9	133
14	Natural killer cells in human autoimmune diseases. <i>Immunology</i> , 2010, 131, 451-458.	4.4	125
15	Induction of B7-H6, a ligand for the natural killer cellâ€activating receptor NKp30, in inflammatory conditions. <i>Blood</i> , 2013, 122, 394-404.	1.4	120
16	Clinical impact of the NKp30/B7-H6 axis in high-risk neuroblastoma patients. <i>Science Translational Medicine</i> , 2015, 7, 283ra55.	12.4	120
17	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, 205-221.	6.0	110
18	Signaling pathways engaged by NK cell receptors: double concerto for activating receptors, inhibitory receptors and NK cells. <i>Seminars in Immunology</i> , 2000, 12, 139-147.	5.6	110

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19	CD146 and its Soluble Form Regulate Monocyte Transendothelial Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 746-753.	2.4	110
20	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.	0.8	108
21	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, 1663-1672.	2.9	90
22	Molecular Basis of the Recruitment of the SH2 Domain-containing Inositol 5-Phosphatases SHIP1 and SHIP2 by FcÎ³RIIB. <i>Journal of Biological Chemistry</i> , 2000, 275, 37357-37364.	3.4	84
23	Interaction between Erbin and a Catenin-related Protein in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 2869-2875.	3.4	84
24	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, 3911-3928.	2.1	75
25	Soluble CD146 displays angiogenic properties and promotes neovascularization in experimental hind-limb ischemia. <i>Blood</i> , 2010, 115, 3843-3851.	1.4	75
26	The Role of Natural Killer Cells in Sepsis. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	71
27	CD146 Short Isoform Increases the Proangiogenic Potential of Endothelial Progenitor Cells In Vitro and In Vivo. <i>Circulation Research</i> , 2010, 107, 66-75.	4.5	62
28	Phenotype and Functions of Natural Killer Cells in Critically-Ill Septic Patients. <i>PLoS ONE</i> , 2012, 7, e50446.	2.5	62
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, 2571-2579.	3.4	61
30	Functional and genetic testing in adults with HLH reveals an inflammatory profile rather than a cytotoxicity defect. <i>Blood</i> , 2020, 136, 542-552.	1.4	51
31	Interferon-Î³ production by natural killer cells and cytomegalovirus in critically ill patients*. <i>Critical Care Medicine</i> , 2012, 40, 3162-3169.	0.9	50
32	Coordination of activating and inhibitory signals in natural killer cells. <i>Molecular Immunology</i> , 2005, 42, 477-484.	2.2	46
33	CD146 mediates VEGF-induced melanoma cell extravasation through FAK activation. <i>International Journal of Cancer</i> , 2015, 137, 50-60.	5.1	45
34	Mouse CD146/MCAM is a marker of natural killer cell maturation. <i>European Journal of Immunology</i> , 2008, 38, 2855-2864.	2.9	44
35	NKp30 isoforms and NKp30 ligands are predictive biomarkers of response to imatinib mesylate in metastatic GIST patients. <i>Oncolmmunology</i> , 2017, 6, e1137418.	4.6	42
36	A high-resolution view of NK-cell receptors: structure and function. <i>Trends in Immunology</i> , 2000, 21, 428-431.	7.5	38

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37	Imbalance of Circulating Innate Lymphoid Cell Subpopulations in Patients With Septic Shock. <i>Frontiers in Immunology</i> , 2019, 10, 2179.	4.8	38
38	Discrimination of COVID-19 From Inflammation-Induced Cytokine Storm Syndromes Using Disease-Related Blood Biomarkers. <i>Arthritis and Rheumatology</i> , 2021, 73, 1791-1799.	5.6	36
39	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, 519-528.	0.6	35
40	Combined Immunodeficiency in Patients With Trichohepatoenteric Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 1036.	4.8	34
41	NK cell compartment in the peripheral blood and spleen in adult patients with primary immune thrombocytopenia. <i>Clinical Immunology</i> , 2017, 177, 18-28.	3.2	31
42	Innate Lymphoid Cells in Cancer. <i>Cancer Immunology Research</i> , 2015, 3, 1109-1114.	3.4	30
43	Analysis of immunoreceptor tyrosine-based activation motif (ITAM) binding to ZAP-70 by surface plasmon resonance. <i>European Journal of Immunology</i> , 1997, 27, 3010-3014.	2.9	24
44	Distribution of killer-cell immunoglobulin-like receptor (KIR) in Comoros and Southeast France. <i>Tissue Antigens</i> , 2006, 67, 356-367.	1.0	23
45	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.	2.5	21
46	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.	0.6	19
47	Integrative study of pandemic A/H1N1 influenza infections: design and methods of the CoPanFlu-France cohort. <i>BMC Public Health</i> , 2012, 12, 417.	2.9	15
48	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.	4.2	12
49	Pattern of DAP12 Expression in Leukocytes from Both Healthy and Systemic Lupus Erythematosus Patients. <i>PLoS ONE</i> , 2009, 4, e6264.	2.5	11
50	Causal analysis of H1N1pdm09 influenza infection risk in a household cohort. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 272-277.	3.7	11
51	Natural Killer Cell Receptor Signaling Pathway. <i>Science Signaling</i> , 2005, 2005, cm6-cm6.	3.6	10
52	Function of killer cell inhibitory receptors for MHC class I molecules. <i>Immunology Letters</i> , 1996, 54, 145-150.	2.5	9
53	Innate lymphoid cell recovery and occurrence of GvHD after hematopoietic stem cell transplantation. <i>Journal of Leukocyte Biology</i> , 2021, 111, 161-172.	3.3	7
54	The Enigma of Activating Isoforms of ITIM-Bearing Molecules. <i>Current Topics in Microbiology and Immunology</i> , 1999, 244, 169-176.	1.1	5

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55	BIAcore Analysis to Test Phosphopeptide-SH2 Domain Interactions. , 2000, 121, 313-322.		4
56	HLA-Fatal attraction. Nature Immunology, 2016, 17, 1012-1014.	14.5	3
57	SHP2 tyrosine phosphatase associates with SST2 somatostatin receptor. Gastroenterology, 1998, 114, A1160.	1.3	0
58	Les cellules NK. Revue Francaise D'allergologie Et D'immunologie Clinique, 1999, 39, 227-236.	0.1	0
59	CD146 mediates VEGF-induced permeability and promotes melanoma metastasis in vivo. Vascular Pharmacology, 2012, 56, 335.	2.1	0