

Françoise Bachelier

List of Publications by Year in descending order

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78
papers

9,689
citations

81839

39
h-index

71651

76
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84
all docs

84
docs citations

84
times ranked

11596
citing authors

#	ARTICLE	IF	CITATIONS
1	Case Report: Altered NK Cell Compartment and Reduced CXCR4 Chemotactic Response of B Lymphocytes in an Immunodeficient Patient With HPV-Related Disease. <i>Frontiers in Immunology</i> , 2022, 13, 799564.	2.2	0
2	The Chemokine System in Oncogenic Pathways Driven by Viruses: Perspectives for Cancer Immunotherapy. <i>Cancers</i> , 2022, 14, 848.	1.7	4
3	HPV infection alters vaginal microbiome through down-regulating host mucosal innate peptides used by Lactobacilli as amino acid sources. <i>Nature Communications</i> , 2022, 13, 1076.	5.8	38
4	Biallelic CXCR2 loss-of-function mutations define a distinct congenital neutropenia entity. <i>Haematologica</i> , 2022, 107, 765-769.	1.7	5
5	The CXCL12/CXCR4/ACKR3 Axis in the Tumor Microenvironment: Signaling, Crosstalk, and Therapeutic Targeting. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 541-563.	4.2	29
6	The G Protein-Coupled Receptor Kinases (GRKs) in Chemokine Receptor-Mediated Immune Cell Migration: From Molecular Cues to Physiopathology. <i>Cells</i> , 2021, 10, 75.	1.8	12
7	CXCR4 signaling controls dendritic cell location and activation at steady state and in inflammation. <i>Blood</i> , 2021, 137, 2770-2784.	0.6	16
8	Multi-Tissue Characterization of GILZ Expression in Dendritic Cell Subsets at Steady State and in Inflammatory Contexts. <i>Cells</i> , 2021, 10, 3153.	1.8	0
9	The atypical chemokine receptor 3 interacts with Connexin 43 inhibiting astrocytic gap junctional intercellular communication. <i>Nature Communications</i> , 2020, 11, 4855.	5.8	21
10	Differential activity and selectivity of N-terminal modified CXCL12 chemokines at the CXCR4 and ACKR3 receptors. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1123-1135.	1.5	9
11	Identification by high-throughput sequencing of HPV variants and quasispecies that are untypeable by linear reverse blotting assay in cervical specimens. <i>Papillomavirus Research (Amsterdam, Tj ETQq1 1 0.784314 rgB4.5 Overlock 10 Tf 50</i>		
12	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. <i>Immunity</i> , 2019, 50, 390-402.e10.	6.6	258
13	Atypical Chemokine Receptor 3 (ACKR3): A Comprehensive Overview of its Expression and Potential Roles in the Immune System. <i>Molecular Pharmacology</i> , 2019, 96, 809-818.	1.0	41
14	A chemotaxis model to explain WHIM neutrophil accumulation in the bone marrow of WHIM mouse model. <i>Blood Science</i> , 2019, 1, 102-112.	0.4	0
15	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. <i>Immunity</i> , 2018, 48, 364-379.e8.	6.6	450
16	OMIPâ€048 MC: Quantification of calcium sensors and channels expression in lymphocyte subsets by mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 681-684.	1.1	5
17	Natural history of GATA2 deficiency in a survey of 79 French and Belgian patients. <i>Haematologica</i> , 2018, 103, 1278-1287.	1.7	129
18	Interaction of chemokine receptor CXCR4 in monomeric and dimeric state with its endogenous ligand CXCL12: coarse-grained simulations identify differences. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 399-412.	2.0	12

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19	Natural amines inhibit activation of human plasmacytoid dendritic cells through CXCR4 engagement. <i>Nature Communications</i> , 2017, 8, 14253.	5.8	33
20	Lymphoid differentiation of hematopoietic stem cells requires efficient Cxcr4 desensitization. <i>Journal of Experimental Medicine</i> , 2017, 214, 2023-2040.	4.2	36
21	CXCR4-Specific Nanobodies as Potential Therapeutics for WHIM syndrome. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 35-44.	1.3	26
22	Neutropenic Mice Provide Insight into the Role of Skin-Infiltrating Neutrophils in the Host Protective Immunity against Filarial Infective Larvae. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004605.	1.3	39
23	Symptomatic Improvement in Human Papillomavirus-Induced Epithelial Neoplasia by Specific Targeting of the CXCR4 Chemokine Receptor. <i>Journal of Investigative Dermatology</i> , 2016, 136, 473-480.	0.3	16
24	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 2293-2314.	4.2	108
25	Glucocorticoid-Induced Leucine Zipper Protein Controls Macropinocytosis in Dendritic Cells. <i>Journal of Immunology</i> , 2016, 197, 4247-4256.	0.4	16
26	Altered chemotactic response to CXCL12 in patients carrying <i>GATA2</i> mutations. <i>Journal of Leukocyte Biology</i> , 2016, 99, 1065-1076.	1.5	32
27	The CXCL12/CXCR4 Signaling Pathway: A New Susceptibility Factor in Human Papillomavirus Pathogenesis. <i>PLoS Pathogens</i> , 2016, 12, e1006039.	2.1	34
28	A Broad G Protein-Coupled Receptor Internalization Assay that Combines SNAP-Tag Labeling, Diffusion-Enhanced Resonance Energy Transfer, and a Highly Emissive Terbium Cryptate. <i>Frontiers in Endocrinology</i> , 2015, 6, 167.	1.5	56
29	An atypical addition to the chemokine receptor nomenclature: <i>IUPHAR</i> Review 15. <i>British Journal of Pharmacology</i> , 2015, 172, 3945-3949.	2.7	43
30	Chromothriptic Cure of WHIM Syndrome. <i>Cell</i> , 2015, 160, 686-699.	13.5	150
31	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAP70 signaling, and lymphocyte chemotaxis. <i>FASEB Journal</i> , 2015, 29, 4497-4511.	0.2	129
32	CXCR4 dysfunction in non-alcoholic steatohepatitis in mice and patients. <i>Clinical Science</i> , 2015, 128, 257-267.	1.8	27
33	GATA2, a new oncogene of sporadic and familial acute myeloid leukemias. <i>Hematologie</i> , 2014, 20, 153-160.	0.0	0
34	Glucocorticoid-Induced Leucine Zipper Enhanced Expression in Dendritic Cells Is Sufficient To Drive Regulatory T Cells Expansion In Vivo. <i>Journal of Immunology</i> , 2014, 193, 5863-5872.	0.4	39
35	International Union of Basic and Clinical Pharmacology. LXXXIX. Update on the Extended Family of Chemokine Receptors and Introducing a New Nomenclature for Atypical Chemokine Receptors. <i>Pharmacological Reviews</i> , 2014, 66, 1-79.	7.1	735
36	New nomenclature for atypical chemokine receptors. <i>Nature Immunology</i> , 2014, 15, 207-208.	7.0	176

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37	The relevance of the chemokine receptor ACKR3/CXCR7 on CXCL12-mediated effects in cancers with a focus on virus-related cancers. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 307-316.	3.2	47
38	Î²-Arrestin-Dependent Activation of the Cofilin Pathway Is Required for the Scavenging Activity of the Atypical Chemokine Receptor D6. <i>Science Signaling</i> , 2013, 6, ra30.1-11, S1-3.	1.6	63
39	Neutrophil mobilization via plerixafor-mediated CXCR4 inhibition arises from lung demargination and blockade of neutrophil homing to the bone marrow. <i>Journal of Experimental Medicine</i> , 2013, 210, 2321-2336.	4.2	190
40	High frequency of GATA2 mutations in patients with mild chronic neutropenia evolving to MonoMac syndrome, myelodysplasia, and acute myeloid leukemia. <i>Blood</i> , 2013, 121, 822-829.	0.6	189
41	Tetralogy of Fallot is an Uncommon Manifestation of Warts, Hypogammaglobulinemia, Infections, and Myelokathexis Syndrome. <i>Journal of Pediatrics</i> , 2012, 161, 763-765.	0.9	37
42	Description and outcome of a cohort of 8 patients with WHIM syndrome from the French Severe Chronic Neutropenia Registry. <i>Orphanet Journal of Rare Diseases</i> , 2012, 7, 71.	1.2	96
43	The Chemokine CXCL12 Is Essential for the Clearance of the <i>Filaria Litomosoides sigmodontis</i> in Resistant Mice. <i>PLoS ONE</i> , 2012, 7, e34971.	1.1	17
44	Complementary methods provide evidence for the expression of CXCR7 on human B cells. <i>Proteomics</i> , 2012, 12, 1938-1948.	1.3	33
45	Proper desensitization of CXCR4 is required for lymphocyte development and peripheral compartmentalization in mice. <i>Blood</i> , 2012, 119, 5722-5730.	0.6	105
46	HPV-18 E2^E4 chimera: 2 new spliced transcripts and proteins induced by keratinocyte differentiation. <i>Virology</i> , 2012, 429, 47-56.	1.1	10
47	Direct assessment of CXCR4 mutant conformations reveals complex link between receptor structure and GÎ±i activation.. <i>Journal of Biological Chemistry</i> , 2011, 286, 29440.	1.6	0
48	Two cases of disseminated <i>Mycobacterium avium</i> infection associated with a new immunodeficiency syndrome related to CXCR4 dysfunctions. <i>Clinical Microbiology and Infection</i> , 2011, 17, 135-139.	2.8	15
49	CXCL12/CXCR4-Axis Dysfunctions: Markers of the Rare Immunodeficiency Disorder WHIM Syndrome. <i>Disease Markers</i> , 2010, 29, 189-198.	0.6	40
50	A Pivotal Role for CXCL12 Signaling in HPV-Mediated Transformation of Keratinocytes: Clues to Understanding HPV-Pathogenesis in WHIM Syndrome. <i>Cell Host and Microbe</i> , 2010, 8, 523-533.	5.1	64
51	CXCL12/CXCR4-axis dysfunctions: Markers of the rare immunodeficiency disorder WHIM syndrome. <i>Disease Markers</i> , 2010, 29, 189-98.	0.6	24
52	CXCR7 heterodimerizes with CXCR4 and regulates CXCL12-mediated G protein signaling. <i>Blood</i> , 2009, 113, 6085-6093.	0.6	519
53	CXCR4 dimerization and Î²-arrestin-mediated signaling account for the enhanced chemotaxis to CXCL12 in WHIM syndrome. <i>Blood</i> , 2008, 112, 34-44.	0.6	147
54	Leukocyte analysis from WHIM syndrome patients reveals a pivotal role for GRK3 in CXCR4 signaling. <i>Journal of Clinical Investigation</i> , 2008, 118, 1074-84.	3.9	111

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55	Direct Assessment of CXCR4 Mutant Conformations Reveals Complex Link between Receptor Structure and G α i Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 5111-5115.	1.6	39
56	CD4 Interacts Constitutively with Multiple CCR5 at the Plasma Membrane of Living Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 35163-35168.	1.6	45
57	CD4 and CCR5 Constitutively Interact at the Plasma Membrane of Living Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 37921-37929.	1.6	33
58	WHIM syndromes with different genetic anomalies are accounted for by impaired CXCR4 desensitization to CXCL12. <i>Blood</i> , 2005, 105, 2449-2457.	0.6	268
59	The Chemokine SDF-1/CXCL12 Binds to and Signals through the Orphan Receptor RDC1 in T Lymphocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 35760-35766.	1.6	895
60	Mutation of the DRY Motif Reveals Different Structural Requirements for the CC Chemokine Receptor 5-Mediated Signaling and Receptor Endocytosis. <i>Molecular Pharmacology</i> , 2005, 67, 1966-1976.	1.0	88
61	The Effects of HIV-1 Nef on CD4 Surface Expression and Viral Infectivity in Lymphoid Cells Are Independent of Rafts. <i>Journal of Biological Chemistry</i> , 2004, 279, 31398-31408.	1.6	37
62	HIV-1 Entry into T-cells Is Not Dependent on CD4 and CCR5 Localization to Sphingolipid-enriched, Detergent-resistant, Raft Membrane Domains. <i>Journal of Biological Chemistry</i> , 2003, 278, 3153-3161.	1.6	95
63	Intra- and Intercellular Trafficking of the Foamy Virus Auxiliary Bet Protein. <i>Journal of Virology</i> , 2002, 76, 3388-3394.	1.5	34
64	Palmitoylation-dependent Control of Degradation, Life Span, and Membrane Expression of the CCR5 Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 31936-31944.	1.6	126
65	Inducible NF- κ B Activation Is Permitted by Simultaneous Degradation of Nuclear I κ B α . <i>Journal of Biological Chemistry</i> , 2000, 275, 15193-15199.	1.6	54
66	Inducible Degradation of I κ B α by the Proteasome Requires Interaction with the F-box Protein h- β TrCP. <i>Journal of Biological Chemistry</i> , 1999, 274, 7941-7945.	1.6	120
67	The secondary fungal metabolite gliotoxin targets proteolytic activities of the proteasome. <i>Chemistry and Biology</i> , 1999, 6, 689-698.	6.2	133
68	Phosphorylation et ciblage au protéasome : la F-box connection.. <i>Medecine/Sciences</i> , 1999, 15, 1008.	0.0	1
69	Signal-mediated nuclear export of proteins and RNAs. <i>Biology of the Cell</i> , 1998, 90, 96-97.	0.7	0
70	Evidence for a Role of CRM1 in Signal-Mediated Nuclear Protein Export. <i>Science</i> , 1997, 278, 141-144.	6.0	693
71	The CXC chemokine SDF-1 is the ligand for LESTR/fusin and prevents infection by T-cell-line-adapted HIV-1. <i>Nature</i> , 1996, 382, 833-835.	13.7	1,662
72	Absolute dependence on kappa B responsive elements for initiation and Tat-mediated amplification of HIV transcription in blood CD4 T lymphocytes.. <i>EMBO Journal</i> , 1995, 14, 1552-1560.	3.5	214

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73	Fate of the human immunodeficiency virus type 1 provirus in infected cells: a role for vpr. <i>Journal of Virology</i> , 1995, 69, 5883-5889.	1.5	101
74	Human cytomegalovirus infection induces transcription and secretion of transforming growth factor beta 1. <i>Journal of Virology</i> , 1994, 68, 5730-5737.	1.5	146
75	HIV enhancer activity perpetuated by NF- κ B induction on infection of monocytes. <i>Nature</i> , 1991, 350, 709-712.	13.7	209
76	Stimulation of a human T-cell clone with anti-CD3 or tumor necrosis factor induces NF-kappa B translocation but not human immunodeficiency virus 1 enhancer-dependent transcription.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 7861-7865.	3.3	108
77	Constitutive expression of human immunodeficiency virus (HIV) nef protein in human astrocytes does not influence basal or induced HIV long terminal repeat activity. <i>Journal of Virology</i> , 1990, 64, 3059-3062.	1.5	66
78	Transactivation of human immunodeficiency virus long terminal repeat during the early phases of human cytomegalovirus infection. <i>Annales De L'Institut Pasteur Virology</i> , 1987, 138, 461-470.	0.5	15