Paul Proost

List of Publications by Year in descending order

381 papers	23,554 citations	5268 83 h-index	13771 129 g-index
390 all docs	390 docs citations	390 times ranked	22308 citing authors

#	Article	IF	Citations
1	Neutrophil gelatinase B potentiates interleukin-8 tenfold by aminoterminal processing, whereas it degrades CTAP-III, PF-4, and GRO-Î± and leaves RANTES and MCP-2 intact. Blood, 2000, 96, 2673-2681.	1.4	615
2	HIV-1 Integrase Forms Stable Tetramers and Associates with LEDGF/p75 Protein in Human Cells. Journal of Biological Chemistry, 2003, 278, 372-381.	3.4	608
3	Gelatinase B functions as regulator and effector in leukocyte biology. Journal of Leukocyte Biology, 2001, 69, 851-9.	3.3	359
4	Structural and functional identification of two human, tumor-derived monocyte chemotactic proteins (MCP-2 and MCP-3) belonging to the chemokine family.. Journal of Experimental Medicine, 1992, 176, 59-65.	8.5	348
5	Monocyte chemotactic protein-1 (MCP-1), -2, and -3 are chemotactic for human T lymphocytes.. Journal of Clinical Investigation, 1995, 95, 1370-1376.	8.2	321
6	A Potent Antimicrobial Protein from Onion Seeds Showing Sequence Homology to Plant Lipid Transfer Proteins. Plant Physiology, 1995, 109, 445-455.	4.8	314
7	Antimicrobial peptides from Amaranthus caudatus seeds with sequence homology to the cysteine/glycine-rich domain of chitin-binding proteins. Biochemistry, 1992, 31, 4308-4314.	2.5	295
8	Chemokine-Induced Macrophage Polarization in Inflammatory Conditions. Frontiers in Immunology, 2018, 9, 1930.	4.8	266
9	Gelatinase B/MMPâ€9 and neutrophil collagenase/MMPâ€8 process the chemokines human GCPâ€2/CXCL6, ENAâ€78/CXCL5 and mouse GCPâ€2/LIX and modulate their physiological activities. FEBS Journal, 2003, 270, 3739-3749.	0.2	253
10	Neutrophil chemoattractant receptors in health and disease: double-edged swords. Cellular and Molecular Immunology, 2020, 17, 433-450.	10.5	251
11	Kinetic Investigation of Chemokine Truncation by CD26/Dipeptidyl Peptidase IV Reveals a Striking Selectivity within the Chemokine Family. Journal of Biological Chemistry, 2001, 276, 29839-29845.	3.4	249
12	The unique structural and functional features of CXCL12. Cellular and Molecular Immunology, 2018, 15, 299-311.	10.5	243
13	Neutrophil gelatinase B potentiates interleukin-8 tenfold by aminoterminal processing, whereas it degrades CTAP-III, PF-4, and GRO-alpha and leaves RANTES and MCP-2 intact. Blood, 2000, 96, 2673-81.	1.4	241
14	Amino-terminal Truncation of Chemokines by CD26/Dipeptidyl-peptidase IV. Journal of Biological Chemistry, 1998, 273, 7222-7227.	3.4	238
15	Purification and identification of 91-kDa neutrophil gelatinase. Release by the activating peptide interleukin-8. FEBS Journal, 1991, 198, 391-398.	0.2	237
16	Amino-terminal truncation of CXCR3 agonists impairs receptor signaling and lymphocyte chemotaxis, while preserving antiangiogenic properties. Blood, 2001, 98, 3554-3561.	1.4	227
17	Overview of the Mechanisms that May Contribute to the Non-Redundant Activities of Interferon-Inducible CXC Chemokine Receptor 3 Ligands. Frontiers in Immunology, 2017, 8, 1970.	4.8	227
18	Human monocyte chemotactic proteins-2 and -3: structural and functional comparison with MCP-1. Journal of Leukocyte Biology, 1996, 59, 67-74.	3.3	211

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19	Isolation and characterization of a novel class of plant antimicrobial peptides form Mirabilis jalapa L. seeds. Journal of Biological Chemistry, 1992, 267, 2228-33.	3.4	198
20	Leukocyte Gelatinase B Cleavage Releases Encephalitogens from Human Myelin Basic Protein. Biochemical and Biophysical Research Communications, 1993, 192, 1175-1181.	2.1	195
21	Identification of Biologically Active Chemokine Isoforms from Ascitic Fluid and Elevated Levels of CCL18/Pulmonary and Activation-regulated Chemokine in Ovarian Carcinoma. Journal of Biological Chemistry, 2002, 277, 24584-24593.	3.4	193
22	Gelatinase B is present in the cerebrospinal fluid during experimental autoimmune encephalomyelitis and cleaves myelin basic protein. Journal of Neuroscience Research, 1993, 36, 432-440.	2.9	191
23	cDNA cloning and molecular analysis of two self-incompatibility alleles from apple. Plant Molecular Biology, 1995, 27, 499-511.	3.9	190
24	Processing by CD26/dipeptidyl-peptidase IV reduces the chemotactic and anti-HIV-1 activity of stromal-cell-derived factor-1Î±. FEBS Letters, 1998, 432, 73-76.	2.8	187
25	IL-1Î² and IFN-Î³ induce the expression of diverse chemokines and IL-15 in human and rat pancreatic islet cells, and in islets from pre-diabetic NOD mice. Diabetologia, 2003, 46, 255-266.	6.3	184
26	Synergy in cytokine and chemokine networks amplifies the inflammatory response. Cytokine and Growth Factor Reviews, 2005, 16, 561-580.	7.2	184
27	Structure and Expression of Different Serum Amyloid A (SAA) Variants and their Concentration-Dependent Functions During Host Insults. Current Medicinal Chemistry, 2016, 23, 1725-1755.	2.4	180
28	Degradation of the thiocarbamate herbicide EPTC (S-ethyl dipropylcarbamothioate) and biosafening by Rhodococcus sp. strain NI86/21 involve an inducible cytochrome P-450 system and aldehyde dehydrogenase. Journal of Bacteriology, 1995, 177, 676-687.	2.2	176
29	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. Nature Communications, 2021, 12, 4117.	12.8	170
30	Cleavage of denatured natural collagen type II by neutrophil gelatinase B reveals enzyme specificity, postâ€translational modifications in the substrate, and the formation of remnant epitopes in rheumatoid arthritis. FASEB Journal, 2002, 16, 379-389.	0.5	167
31	The role of chemokines in inflammation. International Journal of Clinical and Laboratory Research, 1996, 26, 211-223.	1.0	164
32	Citrullination of CXCL8 by peptidylarginine deiminase alters receptor usage, prevents proteolysis, and dampens tissue inflammation. Journal of Experimental Medicine, 2008, 205, 2085-2097.	8.5	159
33	Isolation and characterization of a jacalin-related mannose-binding lectin from salt-stressed rice () Tj ETQq1 1 0.784314 rgBT /Overloc	3.2	152
34	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78Î² into a most efficient monocyte attractant and CCR1 agonist. Blood, 2000, 96, 1674-1680.	1.4	151
35	Platelets Release CXCL4L1, a Nonallelic Variant of the Chemokine Platelet Factor-4/CXCL4 and Potent Inhibitor of Angiogenesis. Circulation Research, 2004, 95, 855-857.	4.5	151
36	Regulation of TNFâ€Î± with a focus on rheumatoid arthritis. Immunology and Cell Biology, 2013, 91, 393-401.	2.3	147

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37	Interleukin 6 production in the central nervous system during experimental autoimmune encephalomyelitis. European Journal of Immunology, 1990, 20, 233-235.	2.9	145
38	Characterization of Synthetic Human Granulocyte Chemotactic Protein 2:Â Usage of Chemokine Receptors CXCR1 and CXCR2 andin VivoInflammatory Propertiesâ€. Biochemistry, 1997, 36, 2716-2723.	2.5	145
39	Monocyte chemoattractant protein-1 is expressed in pancreatic islets from prediabetic NOD mice and in interleukin-1Î²-exposed human and rat islet cells. Diabetologia, 2001, 44, 325-332.	6.3	144
40	Severe cachexia in mice inoculated with interferon-Î³-producing tumor cells. International Journal of Cancer, 1991, 49, 77-82.	5.1	142
41	Truncation of Macrophage-derived Chemokine by CD26/ Dipeptidyl-Peptidase IV beyond Its Predicted Cleavage Site Affects Chemotactic Activity and CC Chemokine Receptor 4 Interaction. Journal of Biological Chemistry, 1999, 274, 3988-3993.	3.4	142
42	Functional Comparison of Two Human Monocyte Chemotactic Protein-2 Isoforms, Role of the Amino-Terminal Pyroglutamic Acid and Processing by CD26/Dipeptidyl Peptidase IVâ€. Biochemistry, 1998, 37, 12672-12680.	2.5	141
43	GCP-2/CXCL6 synergizes with other endothelial cell-derived chemokines in neutrophil mobilization and is associated with angiogenesis in gastrointestinal tumors. Experimental Cell Research, 2005, 303, 331-342.	2.6	141
44	Identification of a novel granulocyte chemotactic protein (GCP-2) from human tumor cells. In vitro and in vivo comparison with natural forms of GRO, IP-10, and IL-8. Journal of Immunology, 1993, 150, 1000-10.	0.8	135
45	Polyoxometalates as a Novel Class of Artificial Proteases: Selective Hydrolysis of Lysozyme under Physiological pH and Temperature Promoted by a Cerium(IV) Keggin†Type Polyoxometalate. Chemistry - A European Journal, 2013, 19, 2848-2858.	3.3	134
46	Differential usage of the CXC chemokine receptors 1 and 2 by interleukinâ€8, granulocyte chemotactic proteinâ€2 and epithelialâ€cellâ€derived neutrophil attractantâ€78. FEBS Journal, 1998, 255, 67-73.	0.2	133
47	Neutrophils: a cornerstone of liver ischemia and reperfusion injury. Laboratory Investigation, 2018, 98, 51-62.	3.7	133
48	Receptors and transduction pathways for monocyte chemotactic protein-2 and monocyte chemotactic protein-3. Similarities and differences with MCP-1. Journal of Immunology, 1994, 152, 3615-22.	0.8	133
49	Natural truncation of RANTES abolishes signaling through the CC chemokine receptors CCR1 and CCR3, impairs its chemotactic potency and generates a CC chemokine inhibitor. European Journal of Immunology, 1998, 28, 1262-1271.	2.9	130
50	TLXI, a novel typeÂof xylanase inhibitor from wheat (Triticum aestivum) belonging to the thaumatin family. Biochemical Journal, 2007, 403, 583-591.	3.7	125
51	Cytokines in systemic juvenile idiopathic arthritis and haemophagocytic lymphohistiocytosis: tipping the balance between interleukin-18 and interferon-Î³. Rheumatology, 2015, 54, 1507-1517.	1.9	125
52	Citrullination of CXCL10 and CXCL11 by peptidylarginine deiminase: a naturally occurring posttranslational modification of chemokines and new dimension of immunoregulation. Blood, 2008, 112, 2648-2656.	1.4	118
53	Accelerated wound healing in mice by on-site production and delivery of CXCL12 by transformed lactic acid bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1895-1900.	7.1	117
54	Proteolytic processing of CXCL11 by CD13/aminopeptidase N impairs CXCR3 and CXCR7 binding and signaling and reduces lymphocyte and endothelial cell migration. Blood, 2007, 110, 37-44.	1.4	115

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55	Regulation of chemokine activity by posttranslational modification. , 2008, 120, 197-217.		115
56	Jasmonate methyl ester induces the synthesis of a cytoplasmic/nuclear chitooligosaccharideâ€binding lectin in tobacco leaves. FASEB Journal, 2002, 16, 905-907.	0.5	113
57	Human Monocyte Chemotactic Protein-3 (MCP-3): Molecular Cloning of the cDNA and Comparison with Other Chemokines. Biochemical and Biophysical Research Communications, 1993, 191, 535-542.	2.1	111
58	Triticum aestivum L. endoxylanase inhibitor (TAXI) consists of two inhibitors, TAXI I and TAXI II, with different specificities. Biochemical Journal, 2001, 353, 239-244.	3.7	111
59	Pathological roles of the homeostatic chemokine CXCL12. Cytokine and Growth Factor Reviews, 2018, 44, 51-68.	7.2	110
60	Synergy between Coproduced CC and CXC Chemokines in Monocyte Chemotaxis through Receptor-Mediated Events. Molecular Pharmacology, 2008, 74, 485-495.	2.3	108
61	Platelet Factor-4 Variant Chemokine CXCL4L1 Inhibits Melanoma and Lung Carcinoma Growth and Metastasis by Preventing Angiogenesis. Cancer Research, 2007, 67, 5940-5948.	0.9	106
62	CD26/dipeptidyl-peptidase IV down-regulates the eosinophil chemotactic potency, but not the anti-HIV activity of human eotaxin by affecting its interaction with CC chemokine receptor 3. Journal of Immunology, 1999, 162, 4903-9.	0.8	106
63	Bacterial Lipopolysaccharide Selectively Up-Regulates the Function of the Chemotactic Peptide Receptor Formyl Peptide Receptor 2 in Murine Microglial Cells. Journal of Immunology, 2002, 168, 434-442.	0.8	103
64	Kinetic study of the processing by dipeptidyl-peptidase IV/CD26 of neuropeptides involved in pancreatic insulin secretion. FEBS Letters, 2001, 507, 327-330.	2.8	102
65	Regulation of the Immune Response by the Interaction of Chemokines and Proteases. Advances in Immunology, 2003, 81, 1-44.	2.2	102
66	Synergy between proinflammatory ligands of G protein-coupled receptors in neutrophil activation and migration. Journal of Leukocyte Biology, 2004, 76, 185-194.	3.3	102
67	Monocyte chemoattractant protein-3, but not monocyte chemoattractant protein-2, is a functional ligand of the human monocyte chemoattractant protein-1 receptor. Journal of Immunology, 1995, 154, 6511-7.	0.8	101
68	The cytokine-serum amyloid A-chemokine network. Cytokine and Growth Factor Reviews, 2016, 30, 55-69.	7.2	99
69	Granulocyte chemotactic protein-2 and related CXC chemokines: from gene regulation to receptor usage. Journal of Leukocyte Biology, 1997, 62, 563-569.	3.3	98
70	Carboxyterminal cleavage of the chemokines MIG and IP-10 by gelatinase B and neutrophil collagenase. Biochemical and Biophysical Research Communications, 2003, 310, 889-896.	2.1	97
71	Lom-AG-myotropin: A novel myotropic peptide from the male accessory glands of Locusta migratoria. Peptides, 1991, 12, 7-10.	2.4	96
72	Microbial Toll-like receptor ligands differentially regulate CXCL10/IP-10 expression in fibroblasts and mononuclear leukocytes in synergy with IFN-Î³ and provide a mechanism for enhanced synovial chemokine levels in septic arthritis. European Journal of Immunology, 2003, 33, 3146-3153.	2.9	96

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73	Plant Lectin-Like Bacteriocin from a Rhizosphere-Colonizing Pseudomonas Isolate. Journal of Bacteriology, 2003, 185, 897-908.	2.2	96
74	Posttranslational modifications affect the activity of the human monocyte chemotactic proteins MCP-1 and MCP-2: identification of MCP-2(6-76) as a natural chemokine inhibitor. Journal of Immunology, 1998, 160, 4034-41.	0.8	96
75	Multidimensional degradomics identifies systemic autoantigens and intracellular matrix proteins as novel gelatinase B/MMP-9 substrates. Integrative Biology (United Kingdom), 2009, 1, 404.	1.3	95
76	Angiostatic and chemotactic activities of the CXC chemokine CXCL4L1 (platelet factor-4 variant) are mediated by CXCR3. Blood, 2011, 117, 480-488.	1.4	95
77	Locustakinin, a novel myotropic peptide from Locusta migratoria, isolation, primary structure and synthesis. Regulatory Peptides, 1992, 37, 49-57.	1.9	94
78	Highly Amino Acid Selective Hydrolysis of Myoglobin at Aspartate Residues as Promoted by Zirconium(IV)â€Substituted Polyoxometalates. Angewandte Chemie - International Edition, 2015, 54, 7391-7394.	13.8	94
79	Gelatinase B/matrix metalloproteinaseâ€9 cleaves interferonâ€Î² and is a target for immunotherapy. Brain, 2003, 126, 1371-1381.	7.6	93
80	The LD78Î² isoform of MIP-1Î± is the most potent CCR5 agonist and HIV-1â€“inhibiting chemokine. Journal of Clinical Investigation, 1999, 104, R1-R5.	8.2	93
81	TLR ligands and cytokines induce CXCR3 ligands in endothelial cells: enhanced CXCL9 in autoimmune arthritis. Laboratory Investigation, 2006, 86, 902-916.	3.7	92
82	Regioselective Hydrolysis of Human Serum Albumin by Zr^{IV}â€Substituted Polyoxotungstates at the Interface of Positively Charged Protein Surface Patches and Negatively Charged Amino Acid Residues. Chemistry - A European Journal, 2014, 20, 3894-3897.	3.3	92
83	Diverging binding capacities of natural LD78Î² isoforms of macrophage inflammatory protein-1Î± to the CC chemokine receptors 1, 3 and 5 affect their anti-HIV-1 activity and chemotactic potencies for neutrophils and eosinophils. European Journal of Immunology, 2001, 31, 2170-2178.	2.9	91
84	Effect of posttranslational processing on the in vitro and in vivo activity of chemokines. Experimental Cell Research, 2011, 317, 642-654.	2.6	91
85	Citrullination of CXCL12 Differentially Reduces CXCR4 and CXCR7 Binding with Loss of Inflammatory and Anti-HIV-1 Activity via CXCR4. Journal of Immunology, 2009, 182, 666-674.	0.8	86
86	Chemokines synergize in the recruitment of circulating neutrophils into inflamed tissue. European Journal of Immunology, 2005, 35, 1583-1591.	2.9	84
87	The CXC Chemokine GCP-2/CXCL6 Is Predominantly Induced in Mesenchymal Cells by Interleukin-1Î² and Is Down-Regulated by Interferon-Î³: Comparison with Interleukin-8/CXCL8. Laboratory Investigation, 2003, 83, 23-34.	3.7	83
88	Overview of the mechanisms regulating chemokine activity and availability. Immunology Letters, 2012, 145, 2-9.	2.5	83
89	Hypoxia enhances CXCR4 expression in human microvascular endothelial cells and human melanoma cells. European Cytokine Network, 2007, 18, 59-70.	2.0	83
90	Synergistic induction of CXCL9 and CXCL11 by Toll-like receptor ligands and interferon-Î³ in fibroblasts correlates with elevated levels of CXCR3 ligands in septic arthritis synovial fluids. Journal of Leukocyte Biology, 2004, 75, 777-784.	3.3	81

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91	A monoclonal antibody inhibits gelatinase B/MMP-9 by selective binding to part of the catalytic domain and not to the fibronectin or zinc binding domains. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 178-186.	2.4	81
92	The Role of CD26/DPP IV in Chemokine Processing. , 1999, 72, 42-56.		80
93	Induction of monocyte chemotactic proteins MCP-1 and MCP-2 in human fibroblasts and leukocytes by cytokines and cytokine inducers. Chemical synthesis of MCP-2 and development of a specific RIA. Journal of Immunology, 1994, 152, 5495-502.	0.8	80
94	Targeting Chemokineâ€"Glycosaminoglycan Interactions to Inhibit Inflammation. Frontiers in Immunology, 2020, 11, 483.	4.8	78
95	Human Monocyte Chemotactic Proteins-2 and -3 (MCP-2 and MCP-3) Attract Human Eosinophils and Desensitize the Chemotactic Responses Towards RANTES. Biochemical and Biophysical Research Communications, 1994, 200, 1470-1476.	2.1	77
96	Regulated Production and Molecular Diversity of Human Liver and Activation-Regulated Chemokine/Macrophage Inflammatory Protein-3Î± from Normal and Transformed Cells. Journal of Immunology, 2000, 165, 4470-4477.	0.8	76
97	Identification of mouse granulocyte chemotactic protein-2 from fibroblasts and epithelial cells. Functional comparison with natural KC and macrophage inflammatory protein-2. Journal of Immunology, 1996, 157, 1736-43.	0.8	76
98	CD26-processed RANTES(3â€“68), but not intact RANTES, has potent anti-HIV-1 activity. Antiviral Research, 1998, 39, 175-187.	4.1	75
99	Isolation of the CXC chemokines ENA-78, GROÎ± and GROÎ³ from tumor cells and leukocytes reveals NH2-terminal heterogeneity. FEBS Journal, 1999, 260, 421-429.	0.2	75
100	Dipeptidyl Peptidase IV Substrates. Advances in Experimental Medicine and Biology, 2004, 524, 3-17.	1.6	75
101	CD26/dipeptidylpeptidase IVâ€"chemokine interactions: double-edged regulation of inflammation and tumor biology. Journal of Leukocyte Biology, 2016, 99, 955-969.	3.3	75
102	Human and bovine granulocyte chemotactic protein-2: Complete amino acid sequence and functional characterization as chemokines. Biochemistry, 1993, 32, 10170-10177.	2.5	74
103	Triticum aestivum L. endoxylanase inhibitor (TAXI) consists of two inhibitors, TAXI I and TAXI II, with different specificities. Biochemical Journal, 2001, 353, 239.	3.7	74
104	Regulation of Chemokine Activity â€“ A Focus on the Role of Dipeptidyl Peptidase IV/CD26. Frontiers in Immunology, 2016, 7, 483.	4.8	74
105	Synergistic induction of MCP-1 and -2 by IL-1Î² and interferons in fibroblasts and epithelial cells. Journal of Leukocyte Biology, 1998, 63, 364-372.	3.3	73
106	Transgenic Expression in Arabidopsis of a Polyprotein Construct Leading to Production of Two Different Antimicrobial Proteins. Plant Physiology, 2002, 128, 1346-1358.	4.8	73
107	The Abundant Class III Chitinase Homolog in Young Developing Banana Fruits Behaves as a Transient Vegetative Storage Protein and Most Probably Serves as an Important Supply of Amino Acids for the Synthesis of Ripening-Associated Proteins. Plant Physiology, 2002, 130, 1063-1072.	4.8	72
108	PARC/CCL18 Is a Plasma CC Chemokine with Increased Levels in Childhood Acute Lymphoblastic Leukemia. American Journal of Pathology, 2003, 163, 2065-2075.	3.8	72

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109	Modification of the anti-CD3-induced cytokine release syndrome by anti-interferon-Î³ or anti-interleukin-6 antibody treatment: Protective effects and biphasic changes in blood cytokine levels. European Journal of Immunology, 1993, 23, 2209-2216.	2.9	71
110	Natural Substrates of Dipeptidyl Peptidase IV. Advances in Experimental Medicine and Biology, 2002, 477, 67-87.	1.6	71
111	Two Distinct Jacalin-Related Lectins with a Different Specificity and Subcellular Location Are Major Vegetative Storage Proteins in the Bark of the Black Mulberry Tree. Plant Physiology, 2002, 130, 757-769.	4.8	71
112	Dysbiotic Biofilms Deregulate the Periodontal Inflammatory Response. Journal of Dental Research, 2018, 97, 547-555.	5.2	70
113	Leukocyte Migration and Activation by Murine Chemokines. Immunobiology, 1996, 195, 499-521.	1.9	69
114	CXCR1-binding chemokines in inflammatory bowel diseases: down-regulated IL-8/CXCL8 production by leukocytes in Crohn's disease and selective GCP-2/CXCL6 expression in inflamed intestinal tissue. European Journal of Immunology, 2004, 34, 1992-2000.	2.9	67
115	Chemokine isoforms and processing in inflammation and immunity. Journal of Autoimmunity, 2017, 85, 45-57.	6.5	67
116	Homology of the root adhesin of Pseudomonas fluorescens OE 28.3 with porin F of P. neruginosa and P. syringae. Molecular Genetics and Genomics, 1992, 231, 489-493.	2.4	65
117	CXCR4 and CCR5 ligands cooperate in monocyte and lymphocyte migration and in inhibition of dualâ€tropic (R5/X4) HIVâ€1 infection. European Journal of Immunology, 2011, 41, 963-973.	2.9	64
118	Complement Receptors and Their Role in Leukocyte Recruitment and Phagocytosis. Frontiers in Cell and Developmental Biology, 2021, 9, 624025.	3.7	64
119	Enhanced anti-HIV-1 activity and altered chemotactic potency of NH2-terminally processed macrophage-derived chemokine (MDC) imply an additional MDC receptor. Journal of Immunology, 1998, 161, 2672-5.	0.8	64
120	Differential induction of monocyte chemotactic protein-3 in mononuclear leukocytes and fibroblasts by interferon-Î±â€‰/â€‰Î² and interferon-Î³ reveals MCP-3 heterogeneity. European Journal of Immunology, 1999, 29, 678-685.	2.9	63
121	Isolation of cereal arabinogalactan-peptides and structural comparison of their carbohydrate and peptide moieties. Journal of Cereal Science, 2005, 41, 59-67.	3.7	63
122	Chemokines and other GPCR ligands synergize in receptor-mediated migration of monocyte-derived immature and mature dendritic cells. Immunobiology, 2014, 219, 218-229.	1.9	63
123	Simultaneous measurement of drug metabolic stability and identification of metabolites using ion-trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2003, 17, 2661-2668.	1.5	61
124	Up-Regulation of FPR2, a Chemotactic Receptor for Amyloid Î² 1â€“42 (AÎ²42), in Murine Microglial Cells by TNFÎ±. Neurobiology of Disease, 2002, 10, 366-377.	4.4	60
125	Defence of Rhizobium etli bacteroids against oxidative stress involves a complexly regulated atypical 2â€Cys peroxiredoxin. Molecular Microbiology, 2005, 55, 1207-1221.	2.5	59
126	Increased ILâ€10â€producing regulatory T cells are characteristic of severe cases of COVIDâ€19. Clinical and Translational Immunology, 2020, 9, e1204.	3.8	59

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127	I-309/T cell activation gene-3 chemokine protects murine T cell lymphomas against dexamethasone-induced apoptosis. Journal of Immunology, 1996, 157, 2570-6.	0.8	59
128	Studying Neutrophil Function in vitro: Cell Models and Environmental Factors. Journal of Inflammation Research, 2021, Volume 14, 141-162.	3.5	58
129	Monocyte chemotactic protein-2, monocyte chemotactic protein-3, and fibroblast-induced cytokine. Three new chemokines induce chemotaxis and activation of basophils. Journal of Immunology, 1994, 153, 3155-9.	0.8	58
130	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78beta into a most efficient monocyte attractant and CCR1 agonist. Blood, 2000, 96, 1674-80.	1.4	58
131	Five disulfide bridges stabilize a hevein-type antimicrobial peptide from the bark of spindle tree (Euonymus europaeusL.). FEBS Letters, 2002, 530, 181-185.	2.8	57
132	Coexpression and interaction of CXCL10 and CD26 in mesenchymal cells by synergising inflammatory cytokines: CXCL8 and CXCL10 are discriminative markers for autoimmune arthropathies. Arthritis Research and Therapy, 2006, 8, R107.	3.5	57
133	Synergistic upâ€regulation of MCPâ€2/CCL8 activity is counteracted by chemokine cleavage, limiting its inflammatory and antiâ€tumoral effects. European Journal of Immunology, 2009, 39, 843-857.	2.9	57
134	Differential Cytokine, Chemokine and Growth Factor Expression in Phenotypes of Chronic Lung Allograft Dysfunction. Transplantation, 2015, 99, 86-93.	1.0	57
135	Serum amyloid A chemoattracts immature dendritic cells and indirectly provokes monocyte chemotaxis by induction of cooperating CC and CXC chemokines. European Journal of Immunology, 2015, 45, 101-112.	2.9	57
136	High-level expression of active HIV-1 integrase from a synthetic gene in human cells. FASEB Journal, 2000, 14, 1389-1399.	0.5	56
137	Purification and characterization of an 18-kd allergen of birch (Betula verrucosa) pollen: Identification as a cyclophilin. Journal of Allergy and Clinical Immunology, 2000, 105, 286-291.	2.9	56
138	Activation of the Chemotactic Peptide Receptor FPRL1 in Monocytes Phosphorylates the Chemokine Receptor CCR5 and Attenuates Cell Responses to Selected Chemokines. Biochemical and Biophysical Research Communications, 2000, 272, 276-283.	2.1	55
139	Posttranslational Modification of the NH2-terminal Region of CXCL5 by Proteases or Peptidylarginine Deiminases (PAD) Differently Affects Its Biological Activity. Journal of Biological Chemistry, 2010, 285, 29750-29759.	3.4	55
140	Purification and identification of chemokines potentially involved in kidney-specific metastasis by a murine lymphoma variant: induction of migration and NFÎºB activation. , 1998, 75, 900-907.		54
141	Nucleolin, a Novel Partner for the Myb Transcription Factor Family That Regulates Their Activity. Journal of Biological Chemistry, 2000, 275, 4152-4158.	3.4	54
142	Î²-Hematin Interaction with the Hemopexin Domain of Gelatinase B/MMP-9 Provokes Autocatalytic Processing of the Propeptide, Thereby Priming Activation by MMP-3. Biochemistry, 2008, 47, 2689-2699.	2.5	54
143	The Positively Charged COOH-terminal Glycosaminoglycan-binding CXCL9(74â€“103) Peptide Inhibits CXCL8-induced Neutrophil Extravasation and Monosodium Urate Crystal-induced Gout in Mice. Journal of Biological Chemistry, 2015, 290, 21292-21304.	3.4	54
144	Molecular Origin of the Hydrolytic Activity and Fixed Regioselectivity of a Zr^{IV}â€Substituted Polyoxotungstate as Artificial Protease. Chemistry - A European Journal, 2014, 20, 9567-9577.	3.3	53

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145	Related lectins from snowdrop and maize differ in their carbohydrate-binding specificity. Biochemical and Biophysical Research Communications, 2009, 380, 260-265.	2.1	52
146	Possible mechanisms involved in chemokine synergy fine tuning the inflammatory response. Immunology Letters, 2012, 145, 10-14.	2.5	52
147	Different Ancestries of R Tailocins in RhizosphericPseudomonasIsolates. Genome Biology and Evolution, 2015, 7, 2810-2828.	2.5	52
148	Microbiomic and Posttranslational Modifications as Preludes to Autoimmune Diseases. Trends in Molecular Medicine, 2016, 22, 746-757.	6.7	52
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