

Paul Proost

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376
papers

19,193
citations

78
h-index

118
g-index

390
ext. papers

21,332
ext. citations

5.4
avg, IF

6.45
L-index

#	Paper	IF	Citations
376	Neutrophil gelatinase B potentiates interleukin-8 tenfold by aminoterminal processing, whereas it degrades CTAP-III, PF-4, and GRO- α and leaves RANTES and MCP-2 intact. <i>Blood</i> , 2000 , 96, 2673-2681	2.2	554
375	HIV-1 integrase forms stable tetramers and associates with LEDGF/p75 protein in human cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 372-81	5.4	524
374	Gelatinase B functions as regulator and effector in leukocyte biology. <i>Journal of Leukocyte Biology</i> , 2001 , 69, 851-9	6.5	339
373	Structural and functional identification of two human, tumor-derived monocyte chemotactic proteins (MCP-2 and MCP-3) belonging to the chemokine family. <i>Journal of Experimental Medicine</i> , 1992 , 176, 59-65	16.6	312
372	A potent antimicrobial protein from onion seeds showing sequence homology to plant lipid transfer proteins. <i>Plant Physiology</i> , 1995 , 109, 445-55	6.6	286
371	Monocyte chemotactic protein-1 (MCP-1), -2, and -3 are chemotactic for human T lymphocytes. <i>Journal of Clinical Investigation</i> , 1995 , 95, 1370-6	15.9	268
370	Antimicrobial peptides from <i>Amaranthus caudatus</i> seeds with sequence homology to the cysteine/glycine-rich domain of chitin-binding proteins. <i>Biochemistry</i> , 1992 , 31, 4308-14	3.2	267
369	Kinetic investigation of chemokine truncation by CD26/dipeptidyl peptidase IV reveals a striking selectivity within the chemokine family. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29839-45	5.4	223
368	Neutrophil gelatinase B potentiates interleukin-8 tenfold by aminoterminal processing, whereas it degrades CTAP-III, PF-4, and GRO- α and leaves RANTES and MCP-2 intact. <i>Blood</i> , 2000 , 96, 2673-81	2.2	220
367	Gelatinase B/MMP-9 and neutrophil collagenase/MMP-8 process the chemokines human GCP-2/CXCL6, ENA-78/CXCL5 and mouse GCP-2/LIX and modulate their physiological activities. <i>FEBS Journal</i> , 2003 , 270, 3739-49		217
366	Purification and identification of 91-kDa neutrophil gelatinase. Release by the activating peptide interleukin-8. <i>FEBS Journal</i> , 1991 , 198, 391-8		213
365	Amino-terminal truncation of chemokines by CD26/dipeptidyl-peptidase IV. Conversion of RANTES into a potent inhibitor of monocyte chemotaxis and HIV-1-infection. <i>Journal of Biological Chemistry</i> , 1998 , 273, 7222-7	5.4	211
364	Amino-terminal truncation of CXCR3 agonists impairs receptor signaling and lymphocyte chemotaxis, while preserving antiangiogenic properties. <i>Blood</i> , 2001 , 98, 3554-61	2.2	202
363	Isolation and characterization of a novel class of plant antimicrobial peptides form <i>Mirabilis jalapa</i> L. seeds. <i>Journal of Biological Chemistry</i> , 1992 , 267, 2228-33	5.4	182
362	Human monocyte chemotactic proteins-2 and -3: structural and functional comparison with MCP-1. <i>Journal of Leukocyte Biology</i> , 1996 , 59, 67-74	6.5	175
361	Gelatinase B is present in the cerebrospinal fluid during experimental autoimmune encephalomyelitis and cleaves myelin basic protein. <i>Journal of Neuroscience Research</i> , 1993 , 36, 432-40	4.4	174
360	Leukocyte gelatinase B cleavage releases encephalitogens from human myelin basic protein. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 192, 1175-81	3.4	169

359	IL-1beta and IFN-gamma induce the expression of diverse chemokines and IL-15 in human and rat pancreatic islet cells, and in islets from pre-diabetic NOD mice. <i>Diabetologia</i> , 2003 , 46, 255-66	10.3	165
358	Synergy in cytokine and chemokine networks amplifies the inflammatory response. <i>Cytokine and Growth Factor Reviews</i> , 2005 , 16, 561-80	17.9	162
357	cDNA cloning and molecular analysis of two self-incompatibility alleles from apple. <i>Plant Molecular Biology</i> , 1995 , 27, 499-511	4.6	161
356	Processing by CD26/dipeptidyl-peptidase IV reduces the chemotactic and anti-HIV-1 activity of stromal-cell-derived factor-1alpha. <i>FEBS Letters</i> , 1998 , 432, 73-6	3.8	159
355	Identification of biologically active chemokine isoforms from ascitic fluid and elevated levels of CCL18/pulmonary and activation-regulated chemokine in ovarian carcinoma. <i>Journal of Biological Chemistry</i> , 2002 , 277, 24584-93	5.4	157
354	Degradation of the thiocarbamate herbicide EPTC (S-ethyl dipropylcarbamothioate) and biosafening by <i>Rhodococcus</i> sp. strain NI86/21 involve an inducible cytochrome P-450 system and aldehyde dehydrogenase. <i>Journal of Bacteriology</i> , 1995 , 177, 676-87	3.5	152
353	Citrullination of CXCL8 by peptidylarginine deiminase alters receptor usage, prevents proteolysis, and dampens tissue inflammation. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2085-97	16.6	145
352	Platelets release CXCL4L1, a nonallelic variant of the chemokine platelet factor-4/CXCL4 and potent inhibitor of angiogenesis. <i>Circulation Research</i> , 2004 , 95, 855-7	15.7	143
351	The role of chemokines in inflammation. <i>International Journal of Clinical and Laboratory Research</i> , 1996 , 26, 211-23		141
350	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78 into a most efficient monocyte attractant and CCR1 agonist. <i>Blood</i> , 2000 , 96, 1674-1680	2.2	140
349	Isolation and characterization of a jacalin-related mannose-binding lectin from salt-stressed rice (<i>Oryza sativa</i>) plants. <i>Planta</i> , 2000 , 210, 970-8	4.7	139
348	Interleukin 6 production in the central nervous system during experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 1990 , 20, 233-5	6.1	138
347	Monocyte chemoattractant protein-1 is expressed in pancreatic islets from prediabetic NOD mice and in interleukin-1 beta-exposed human and rat islet cells. <i>Diabetologia</i> , 2001 , 44, 325-32	10.3	137
346	Characterization of synthetic human granulocyte chemotactic protein 2: usage of chemokine receptors CXCR1 and CXCR2 and in vivo inflammatory properties. <i>Biochemistry</i> , 1997 , 36, 2716-23	3.2	135
345	Cleavage of denatured natural collagen type II by neutrophil gelatinase B reveals enzyme specificity, post-translational modifications in the substrate, and the formation of remnant epitopes in rheumatoid arthritis. <i>FASEB Journal</i> , 2002 , 16, 379-89	0.9	132
344	Functional comparison of two human monocyte chemotactic protein-2 isoforms, role of the amino-terminal pyroglutamic acid and processing by CD26/dipeptidyl peptidase IV. <i>Biochemistry</i> , 1998 , 37, 12672-80	3.2	130
343	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. <i>Journal of Immunology</i> , 1993 , 150, 1000-10	5.3	130
342	Receptors and transduction pathways for monocyte chemotactic protein-2 and monocyte chemotactic protein-3. Similarities and differences with MCP-1. <i>Journal of Immunology</i> , 1994 , 152, 3615-22	5.3	129

341	Chemokine-Induced Macrophage Polarization in Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2018 , 9, 1930	8.4	125
340	The unique structural and functional features of CXCL12. <i>Cellular and Molecular Immunology</i> , 2018 , 15, 299-311	15.4	122
339	Severe cachexia in mice inoculated with interferon-gamma-producing tumor cells. <i>International Journal of Cancer</i> , 1991 , 49, 77-82	7.5	122
338	GCP-2/CXCL6 synergizes with other endothelial cell-derived chemokines in neutrophil mobilization and is associated with angiogenesis in gastrointestinal tumors. <i>Experimental Cell Research</i> , 2005 , 303, 331-42	4.2	121
337	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. <i>Chemistry - A European Journal</i> , 2013 , 19, 2848-58	4.8	120
336	Natural truncation of RANTES abolishes signaling through the CC chemokine receptors CCR1 and CCR3, impairs its chemotactic potency and generates a CC chemokine inhibitor. <i>European Journal of Immunology</i> , 1998 , 28, 1262-71	6.1	119
335	Truncation of macrophage-derived chemokine by CD26/ dipeptidyl-peptidase IV beyond its predicted cleavage site affects chemotactic activity and CC chemokine receptor 4 interaction. <i>Journal of Biological Chemistry</i> , 1999 , 274, 3988-93	5.4	117
334	TLXI, a novel type of xylanase inhibitor from wheat (<i>Triticum aestivum</i>) belonging to the thaumatin family. <i>Biochemical Journal</i> , 2007 , 403, 583-91	3.8	112
333	Regulation of TNF- α with a focus on rheumatoid arthritis. <i>Immunology and Cell Biology</i> , 2013 , 91, 393-401	5	109
332	Structure and Expression of Different Serum Amyloid A (SAA) Variants and their Concentration-Dependent Functions During Host Insults. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1725-55	4.3	108
331	Overview of the Mechanisms that May Contribute to the Non-Redundant Activities of Interferon-Inducible CXC Chemokine Receptor 3 Ligands. <i>Frontiers in Immunology</i> , 2017 , 8, 1970	8.4	107
330	Proteolytic processing of CXCL11 by CD13/aminopeptidase N impairs CXCR3 and CXCR7 binding and signaling and reduces lymphocyte and endothelial cell migration. <i>Blood</i> , 2007 , 110, 37-44	2.2	106
329	<i>Triticum aestivum</i> L. endoxylanase inhibitor (TAXI) consists of two inhibitors, TAXI I and TAXI II, with different specificities. <i>Biochemical Journal</i> , 2001 , 353, 239-244	3.8	106
328	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. <i>Journal of Immunology</i> , 1999 , 162, 4903-9	5.3	104
327	Differential usage of the CXC chemokine receptors 1 and 2 by interleukin-8, granulocyte chemotactic protein-2 and epithelial-cell-derived neutrophil attractant-78. <i>FEBS Journal</i> , 1998 , 255, 67-73		101
326	Citrullination of CXCL10 and CXCL11 by peptidylarginine deiminase: a naturally occurring posttranslational modification of chemokines and new dimension of immunoregulation. <i>Blood</i> , 2008 , 112, 2648-56	2.2	101
325	Jasmonic acid methyl ester induces the synthesis of a cytoplasmic/nuclear chito-oligosaccharide binding lectin in tobacco leaves. <i>FASEB Journal</i> , 2002 , 16, 905-7	0.9	101
324	Regulation of chemokine activity by posttranslational modification 2008 , 120, 197-217		99

323	Human monocyte chemotactic protein-3 (MCP-3): molecular cloning of the cDNA and comparison with other chemokines. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 191, 535-42	3.4	99
322	Cytokines in systemic juvenile idiopathic arthritis and haemophagocytic lymphohistiocytosis: tipping the balance between interleukin-18 and interferon- γ <i>Rheumatology</i> , 2015 , 54, 1507-17	3.9	98
321	Monocyte chemoattractant protein-3, but not monocyte chemoattractant protein-2, is a functional ligand of the human monocyte chemoattractant protein-1 receptor. <i>Journal of Immunology</i> , 1995 , 154, 6511-7	5.3	97
320	Synergy between coproduced CC and CXC chemokines in monocyte chemotaxis through receptor-mediated events. <i>Molecular Pharmacology</i> , 2008 , 74, 485-95	4.3	96
319	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. <i>Journal of Immunology</i> , 1998 , 160, 4034-41	5.3	94
318	Bacterial lipopolysaccharide selectively up-regulates the function of the chemotactic peptide receptor formyl peptide receptor 2 in murine microglial cells. <i>Journal of Immunology</i> , 2002 , 168, 434-42	5.3	91
317	Lom-AG-myotropin: a novel myotropic peptide from the male accessory glands of <i>Locusta migratoria</i> . <i>Peptides</i> , 1991 , 12, 7-10	3.8	91
316	Synergy between proinflammatory ligands of G protein-coupled receptors in neutrophil activation and migration. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 185-94	6.5	89
315	Microbial Toll-like receptor ligands differentially regulate CXCL10/IP-10 expression in fibroblasts and mononuclear leukocytes in synergy with IFN-gamma and provide a mechanism for enhanced synovial chemokine levels in septic arthritis. <i>European Journal of Immunology</i> , 2003 , 33, 3146-53	6.1	88
314	Locustakinin, a novel myotropic peptide from <i>Locusta migratoria</i> , isolation, primary structure and synthesis. <i>Regulatory Peptides</i> , 1992 , 37, 49-57		88
313	Carboxyterminal cleavage of the chemokines MIG and IP-10 by gelatinase B and neutrophil collagenase. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 889-96	3.4	87
312	Gelatinase B/matrix metalloproteinase-9 cleaves interferon-beta and is a target for immunotherapy. <i>Brain</i> , 2003 , 126, 1371-81	11.2	87
311	Regulation of the immune response by the interaction of chemokines and proteases. <i>Advances in Immunology</i> , 2003 , 81, 1-44	5.6	87
310	Plant lectin-like bacteriocin from a rhizosphere-colonizing <i>Pseudomonas</i> isolate. <i>Journal of Bacteriology</i> , 2003 , 185, 897-908	3.5	87
309	Kinetic study of the processing by dipeptidyl-peptidase IV/CD26 of neuropeptides involved in pancreatic insulin secretion. <i>FEBS Letters</i> , 2001 , 507, 327-30	3.8	87
308	The LD78beta isoform of MIP-1alpha is the most potent CCR5 agonist and HIV-1-inhibiting chemokine. <i>Journal of Clinical Investigation</i> , 1999 , 104, R1-5	15.9	86
307	Granulocyte chemotactic protein-2 and related CXC chemokines: from gene regulation to receptor usage. <i>Journal of Leukocyte Biology</i> , 1997 , 62, 563-9	6.5	85
306	Platelet factor-4 variant chemokine CXCL4L1 inhibits melanoma and lung carcinoma growth and metastasis by preventing angiogenesis. <i>Cancer Research</i> , 2007 , 67, 5940-8	10.1	84

305	TLR ligands and cytokines induce CXCR3 ligands in endothelial cells: enhanced CXCL9 in autoimmune arthritis. <i>Laboratory Investigation</i> , 2006 , 86, 902-16	5.9	82
304	Diverging binding capacities of natural LD78beta isoforms of macrophage inflammatory protein-1alpha to the CC chemokine receptors 1, 3 and 5 affect their anti-HIV-1 activity and chemotactic potencies for neutrophils and eosinophils. <i>European Journal of Immunology</i> , 2001 , 31, 2170-8	6.1	82
303	Regioselective hydrolysis of human serum albumin by Zr(IV)-substituted polyoxotungstates at the interface of positively charged protein surface patches and negatively charged amino acid residues. <i>Chemistry - A European Journal</i> , 2014 , 20, 3894-7	4.8	79
302	Highly Amino Acid Selective Hydrolysis of Myoglobin at Aspartate Residues as Promoted by Zirconium(IV)-Substituted Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7391-4	16.4	79
301	Effect of posttranslational processing on the in vitro and in vivo activity of chemokines. <i>Experimental Cell Research</i> , 2011 , 317, 642-54	4.2	79
300	The CXC chemokine GCP-2/CXCL6 is predominantly induced in mesenchymal cells by interleukin-1beta and is down-regulated by interferon-gamma: comparison with interleukin-8/CXCL8. <i>Laboratory Investigation</i> , 2003 , 83, 23-34	5.9	78
299	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. <i>Journal of Immunology</i> , 1994 , 152, 5495-502	5.3	78
298	Angiostatic and chemotactic activities of the CXC chemokine CXCL4L1 (platelet factor-4 variant) are mediated by CXCR3. <i>Blood</i> , 2011 , 117, 480-8	2.2	77
297	Neutrophils: a cornerstone of liver ischemia and reperfusion injury. <i>Laboratory Investigation</i> , 2018 , 98, 51-62	5.9	75
296	Overview of the mechanisms regulating chemokine activity and availability. <i>Immunology Letters</i> , 2012 , 145, 2-9	4.1	75
295	Citrullination of CXCL12 differentially reduces CXCR4 and CXCR7 binding with loss of inflammatory and anti-HIV-1 activity via CXCR4. <i>Journal of Immunology</i> , 2009 , 182, 666-74	5.3	75
294	Chemokines synergize in the recruitment of circulating neutrophils into inflamed tissue. <i>European Journal of Immunology</i> , 2005 , 35, 1583-91	6.1	73
293	CD26-processed RANTES(3-68), but not intact RANTES, has potent anti-HIV-1 activity. <i>Antiviral Research</i> , 1998 , 39, 175-87	10.8	72
292	Human monocyte chemotactic proteins-2 and 3 (MCP-2 and MCP-3) attract human eosinophils and desensitize the chemotactic responses towards RANTES. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 200, 1470-6	3.4	72
291	The cytokine-serum amyloid A-chemokine network. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 30, 55-69	17.9	71
290	Multidimensional degradomics identifies systemic autoantigens and intracellular matrix proteins as novel gelatinase B/MMP-9 substrates. <i>Integrative Biology (United Kingdom)</i> , 2009 , 1, 404-26	3.7	71
289	Synergistic induction of CXCL9 and CXCL11 by Toll-like receptor ligands and interferon-gamma in fibroblasts correlates with elevated levels of CXCR3 ligands in septic arthritis synovial fluids. <i>Journal of Leukocyte Biology</i> , 2004 , 75, 777-84	6.5	70
288	Identification of mouse granulocyte chemotactic protein-2 from fibroblasts and epithelial cells. Functional comparison with natural KC and macrophage inflammatory protein-2. <i>Journal of Immunology</i> , 1996 , 157, 1736-43	5.3	70

287	Regulated production and molecular diversity of human liver and activation-regulated chemokine/macrophage inflammatory protein-3 alpha from normal and transformed cells. <i>Journal of Immunology</i> , 2000 , 165, 4470-7	5.3	69
286	The Role of CD26/DPP IV in Chemokine Processing 1999 , 72, 42-56		68
285	Human and bovine granulocyte chemotactic protein-2: complete amino acid sequence and functional characterization as chemokines. <i>Biochemistry</i> , 1993 , 32, 10170-7	3.2	68
284	Neutrophil chemoattractant receptors in health and disease: double-edged swords. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 433-450	15.4	67
283	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. <i>Plant Physiology</i> , 2002 , 130, 757-69	6.6	67
282	Isolation of the CXC chemokines ENA-78, GRO alpha and GRO gamma from tumor cells and leukocytes reveals NH2-terminal heterogeneity. Functional comparison of different natural isoforms. <i>FEBS Journal</i> , 1999 , 260, 421-9		67
281	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. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007 , 1770, 178-86	4	66
280	Triticum aestivum L. endoxylanase inhibitor (TAXI) consists of two inhibitors, TAXI I and TAXI II, with different specificities. <i>Biochemical Journal</i> , 2001 , 353, 239-44	3.8	66
279	PARC/CCL18 is a plasma CC chemokine with increased levels in childhood acute lymphoblastic leukemia. <i>American Journal of Pathology</i> , 2003 , 163, 2065-75	5.8	65
278	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. <i>Plant Physiology</i> , 2002 , 130, 1063-72	6.6	64
277	Transgenic expression in Arabidopsis of a polyprotein construct leading to production of two different antimicrobial proteins. <i>Plant Physiology</i> , 2002 , 128, 1346-58	6.6	64
276	Dipeptidyl peptidase IV substrates. An update on in vitro peptide hydrolysis by human DPPIV. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 524, 3-17	3.6	63
275	Natural substrates of dipeptidyl peptidase IV. <i>Advances in Experimental Medicine and Biology</i> , 2000 , 477, 67-87	3.6	63
274	Leukocyte migration and activation by murine chemokines. <i>Immunobiology</i> , 1996 , 195, 499-521	3.4	63
273	Hypoxia enhances CXCR4 expression in human microvascular endothelial cells and human melanoma cells. <i>European Cytokine Network</i> , 2007 , 18, 59-70	3.3	63
272	Synergistic induction of MCP-1 and -2 by IL-1beta and interferons in fibroblasts and epithelial cells. <i>Journal of Leukocyte Biology</i> , 1998 , 63, 364-72	6.5	62
271	Enhanced anti-HIV-1 activity and altered chemotactic potency of NH2-terminally processed macrophage-derived chemokine (MDC) imply an additional MDC receptor. <i>Journal of Immunology</i> , 1998 , 161, 2672-5	5.3	62
270	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. <i>European Journal of Immunology</i> , 2004 , 34, 1992-2000	6.1	58

269	Pathological roles of the homeostatic chemokine CXCL12. <i>Cytokine and Growth Factor Reviews</i> , 2018 , 44, 51-68	17.9	58
268	I-309/T cell activation gene-3 chemokine protects murine T cell lymphomas against dexamethasone-induced apoptosis. <i>Journal of Immunology</i> , 1996 , 157, 2570-6	5.3	58
267	Isolation of cereal arabinogalactan-peptides and structural comparison of their carbohydrate and peptide moieties. <i>Journal of Cereal Science</i> , 2005 , 41, 59-67	3.8	57
266	Modification of the anti-CD3-induced cytokine release syndrome by anti-interferon-gamma or anti-interleukin-6 antibody treatment: protective effects and biphasic changes in blood cytokine levels. <i>European Journal of Immunology</i> , 1993 , 23, 2209-16	6.1	57
265	Accelerated wound healing in mice by on-site production and delivery of CXCL12 by transformed lactic acid bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1895-1900	11.5	56
264	Monocyte chemotactic protein-2, monocyte chemotactic protein-3, and fibroblast-induced cytokine. Three new chemokines induce chemotaxis and activation of basophils. <i>Journal of Immunology</i> , 1994 , 153, 3155-9	5.3	56
263	Simultaneous measurement of drug metabolic stability and identification of metabolites using ion-trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003 , 17, 2661-8	2.2	55
262	Differential induction of monocyte chemotactic protein-3 in mononuclear leukocytes and fibroblasts by interferon-alpha/beta and interferon-gamma reveals MCP-3 heterogeneity. <i>European Journal of Immunology</i> , 1999 , 29, 678-85	6.1	55
261	Defence of <i>Rhizobium etli</i> bacteroids against oxidative stress involves a complexly regulated atypical 2-Cys peroxiredoxin. <i>Molecular Microbiology</i> , 2005 , 55, 1207-21	4.1	53
260	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. <i>Nature Communications</i> , 2021 , 12, 4117	17.4	53
259	Up-regulation of FPR2, a chemotactic receptor for amyloid beta 1-42 (A beta 42), in murine microglial cells by TNF alpha. <i>Neurobiology of Disease</i> , 2002 , 10, 366-77	7.5	52
258	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78beta into a most efficient monocyte attractant and CCR1 agonist. <i>Blood</i> , 2000 , 96, 1674-80	2.2	52
257	Beta-hematin interaction with the hemopexin domain of gelatinase B/MMP-9 provokes autocatalytic processing of the propeptide, thereby priming activation by MMP-3. <i>Biochemistry</i> , 2008 , 47, 2689-99	3.2	51
256	High-level expression of active HIV-1 integrase from a synthetic gene in human cells. <i>FASEB Journal</i> , 2000 , 14, 1389-99	0.9	51
255	Homology of the root adhesin of <i>Pseudomonas fluorescens</i> OE 28.3 with porin F of <i>P. aeruginosa</i> and <i>P. syringae</i> . <i>Molecular Genetics and Genomics</i> , 1992 , 231, 489-93		51
254	CD26/dipeptidylpeptidase IV-chemokine interactions: double-edged regulation of inflammation and tumor biology. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 955-69	6.5	50
253	Nucleolin, a novel partner for the Myb transcription factor family that regulates their activity. <i>Journal of Biological Chemistry</i> , 2000 , 275, 4152-8	5.4	50
252	Posttranslational modification of the NH2-terminal region of CXCL5 by proteases or peptidylarginine Deiminases (PAD) differently affects its biological activity. <i>Journal of Biological Chemistry</i> , 2010 , 285, 29750-9	5.4	49

251	Activation of the chemotactic peptide receptor FPRL1 in monocytes phosphorylates the chemokine receptor CCR5 and attenuates cell responses to selected chemokines. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 272, 276-83	3.4	49
250	Purification and characterization of an 18-kd allergen of birch (<i>Betula verrucosa</i>) pollen: identification as a cyclophilin. <i>Journal of Allergy and Clinical Immunology</i> , 2000 , 105, 286-91	11.5	49
249	Five disulfide bridges stabilize a hevein-type antimicrobial peptide from the bark of spindle tree (<i>Euonymus europaeus</i> L.). <i>FEBS Letters</i> , 2002 , 530, 181-5	3.8	48
248	Regulation of Chemokine Activity - A Focus on the Role of Dipeptidyl Peptidase IV/CD26. <i>Frontiers in Immunology</i> , 2016 , 7, 483	8.4	48
247	Serum amyloid A chemoattracts immature dendritic cells and indirectly provokes monocyte chemotaxis by induction of cooperating CC and CXC chemokines. <i>European Journal of Immunology</i> , 2015 , 45, 101-12	6.1	47
246	Chemokine isoforms and processing in inflammation and immunity. <i>Journal of Autoimmunity</i> , 2017 , 85, 45-57	15.5	47
245	Synergistic up-regulation of MCP-2/CCL8 activity is counteracted by chemokine cleavage, limiting its inflammatory and anti-tumoral effects. <i>European Journal of Immunology</i> , 2009 , 39, 843-57	6.1	47
244	Affinity Chromatography with Immobilised Endoxylanases Separates TAXI- and XIP-type Endoxylanase Inhibitors from Wheat (<i>Triticum aestivum</i> L.). <i>Journal of Cereal Science</i> , 2002 , 36, 367-375	3.8	47
243	The LD78beta isoform of MIP-1alpha is the most potent CC-chemokine in inhibiting CCR5-dependent human immunodeficiency virus type 1 replication in human macrophages. <i>Journal of Virology</i> , 2001 , 75, 4402-6	6.6	47
242	Iron-ascorbate cleavable malic enzyme from hydrogenosomes of <i>Trichomonas vaginalis</i> : purification and characterization. <i>Molecular and Biochemical Parasitology</i> , 1996 , 83, 221-34	1.9	47
241	Chemokines and gelatinases in the aqueous humor of patients with active uveitis. <i>American Journal of Ophthalmology</i> , 2004 , 138, 401-11	4.9	46
240	High-level expression of active HIV-1 integrase from a synthetic gene in human cells. <i>FASEB Journal</i> , 2000 , 14, 1389-1399	0.9	46
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