

Paul Proost

List of Publications by Year in descending order

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Version: 2024-02-01

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	Atypical response to bacterial coinfection and persistent neutrophilic bronchoalveolar inflammation distinguish critical COVID-19 from influenza. <i>JCI Insight</i> , 2022, 7, .	5.0	38
2	Inhibition of renal fibrosis with a human CXCL9-derived glycosaminoglycan-binding peptide. <i>Clinical and Translational Immunology</i> , 2022, 11, e1370.	3.8	2
3	Method Matters: Effect of Purification Technology on Neutrophil Phenotype and Function. <i>Frontiers in Immunology</i> , 2022, 13, 820058.	4.8	21
4	Circulating Donor-Specific Anti-HLA Antibodies Associate With Immune Activation Independent of Kidney Transplant Histopathological Findings. <i>Frontiers in Immunology</i> , 2022, 13, 818569.	4.8	15
5	Neutrophils in malaria: The good, the bad or the ugly?. <i>Parasite Immunology</i> , 2022, 44, e12912.	1.5	5
6	Insights into peptidylarginine deiminase expression and citrullination pathways. <i>Trends in Cell Biology</i> , 2022, 32, 746-761.	7.9	26
7	Role for Granulocyte Colony-Stimulating Factor in Neutrophilic Extramedullary Myelopoiesis in a Murine Model of Systemic Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2022, 74, 1257-1270.	5.6	6
8	Identification of a conserved chemokine receptor motif that enables ligand discrimination. <i>Science Signaling</i> , 2022, 15, eabg7042.	3.6	2
9	HIV protease inhibitors Nelfinavir and Lopinavir/Ritonavir markedly improve lung pathology in SARS-CoV-2-infected Syrian hamsters despite lack of an antiviral effect. <i>Antiviral Research</i> , 2022, 202, 105311.	4.1	8
10	Affinity and Specificity for Binding to Glycosaminoglycans Can Be Tuned by Adapting Peptide Length and Sequence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 447.	4.1	7
11	The Therapeutic Treatment with the GAG-Binding Chemokine Fragment CXCL9(74-103) Attenuates Neutrophilic Inflammation and Lung Dysfunction during <i>Klebsiella pneumoniae</i> Infection in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6246.	4.1	6
12	Diagnosis of carmine allergy using carminic acid solves interference of house dust mite and crustacean cross-reactivity. <i>Clinical and Experimental Allergy</i> , 2022, 52, 1225-1229.	2.9	2
13	Synovial Fluid Neutrophils From Patients With Juvenile Idiopathic Arthritis Display a Hyperactivated Phenotype. <i>Arthritis and Rheumatology</i> , 2021, 73, 875-884.	5.6	18
14	Citrullination as a novel posttranslational modification of matrix metalloproteinases. <i>Matrix Biology</i> , 2021, 95, 68-83.	3.6	21
15	Studying Neutrophil Function in vitro: Cell Models and Environmental Factors. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 141-162.	3.5	58
16	The turning away of serum amyloid A biological activities and receptor usage. <i>Immunology</i> , 2021, 163, 115-127.	4.4	16
17	Expanding the reactivity of inorganic clusters towards proteins: the interplay between the redox and hydrolytic activity of Ce(IV)-substituted polyoxometalates as artificial proteases. <i>Chemical Science</i> , 2021, 12, 10655-10663.	7.4	11
18	Complement Receptors and Their Role in Leukocyte Recruitment and Phagocytosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 624025.	3.7	64

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19	Phenotypical and Functional Characterization of Neutrophils in Two Pyrin-Associated Auto-inflammatory Diseases. <i>Journal of Clinical Immunology</i> , 2021, 41, 1072-1084.	3.8	6
20	Endogenous modification of the chemoattractant CXCL5 alters receptor usage and enhances its activity toward neutrophils and monocytes. <i>Science Signaling</i> , 2021, 14, .	3.6	8
21	From ELISA to Immunosorbent Tandem Mass Spectrometry Proteoform Analysis: The Example of CXCL8/Interleukin-8. <i>Frontiers in Immunology</i> , 2021, 12, 644725.	4.8	8
22	Internal Disulfide Bonding and Glycosylation of Interleukin-7 Protect Against Proteolytic Inactivation by Neutrophil Metalloproteinases and Serine Proteases. <i>Frontiers in Immunology</i> , 2021, 12, 701739.	4.8	4
23	The Antimicrobial Activity of Peripheral Blood Neutrophils Is Altered in Patients with Primary Ciliary Dyskinesia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6172.	4.1	6
24	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. <i>Nature Communications</i> , 2021, 12, 4117.	12.8	170
25	Inhibition of Drug-Induced Liver Injury in Mice Using a Positively Charged Peptide That Binds DNA. <i>Hepatology Communications</i> , 2021, 5, 1737-1754.	4.3	7
26	Odorant-binding proteins in canine anal sac glands indicate an evolutionarily conserved role in mammalian chemical communication. <i>Bmc Ecology and Evolution</i> , 2021, 21, 182.	1.6	6
27	Kinetics of peripheral blood neutrophils in severe coronavirus disease 2019. <i>Clinical and Translational Immunology</i> , 2021, 10, e1271.	3.8	36
28	The Chemokine-Based Peptide, CXCL9(74-103), Inhibits Angiogenesis by Blocking Heparan Sulfate Proteoglycan-Mediated Signaling of Multiple Endothelial Growth Factors. <i>Cancers</i> , 2021, 13, 5090.	3.7	12
29	Proteoform Analysis of Matrix Metalloproteinase-9/Gelatinase B and Discovery of Its Citrullination in Rheumatoid Arthritis Synovial Fluids. <i>Frontiers in Immunology</i> , 2021, 12, 763832.	4.8	7
30	Neutrophil Homeostasis and Emergency Granulopoiesis: The Example of Systemic Juvenile Idiopathic Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 766620.	4.8	17
31	Increased IL-10-producing regulatory T cells are characteristic of severe cases of COVID-19. <i>Clinical and Translational Immunology</i> , 2020, 9, e1204.	3.8	59
32	Biological Characterization of Commercial Recombinantly Expressed Immunomodulating Proteins Contaminated with Bacterial Products in the Year 2020: The SAA3 Case. <i>Mediators of Inflammation</i> , 2020, 2020, 1-17.	3.0	3
33	Establishing a Unified COVID-19 "Immunome": Integrating Coronavirus Pathogenesis and Host Immunopathology. <i>Frontiers in Immunology</i> , 2020, 11, 1642.	4.8	11
34	Lipoxin A ₄ impairs effective bacterial control and potentiates joint inflammation and damage caused by <i>Staphylococcus aureus</i> infection. <i>FASEB Journal</i> , 2020, 34, 11498-11510.	0.5	6
35	CXCL14 Preferentially Synergizes With Homeostatic Chemokine Receptor Systems. <i>Frontiers in Immunology</i> , 2020, 11, 561404.	4.8	20
36	Serum Amyloid A1 (SAA1) Revisited: Restricted Leukocyte-Activating Properties of Homogeneous SAA1. <i>Frontiers in Immunology</i> , 2020, 11, 843.	4.8	31

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37	Neutrophil chemoattractant receptors in health and disease: double-edged swords. <i>Cellular and Molecular Immunology</i> , 2020, 17, 433-450.	10.5	251
38	Bivalent Inhibitor with Selectivity for Trimeric MMP-9 Amplifies Neutrophil Chemotaxis and Enables Functional Studies on MMP-9 Proteoforms. <i>Cells</i> , 2020, 9, 1634.	4.1	11
39	Induction of Chemokines by Hepatitis C Virus Proteins: Synergy of the Core Protein with Interleukin-1 ² and Interferon- β in Liver Bystander Cells. <i>Journal of Interferon and Cytokine Research</i> , 2020, 40, 195-206.	1.2	5
40	Truncation of CXCL8 to CXCL8(9-77) enhances actin polymerization and in vivo migration of neutrophils. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1167-1173.	3.3	19
41	Targeting Chemokine-Glycosaminoglycan Interactions to Inhibit Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 483.	4.8	78
42	Defective Sec61 β underlies a novel cause of autosomal dominant severe congenital neutropenia. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1180-1193.	2.9	32
43	The ectoenzyme-side of matrix metalloproteinases (MMPs) makes inflammation by serum amyloid A (SAA) and chemokines go round. <i>Immunology Letters</i> , 2019, 205, 1-8.	2.5	11
44	Gelatinase B/matrix metalloproteinase-9 and other neutrophil proteases switch off interleukin-2 activity. <i>Biochemical Journal</i> , 2019, 476, 2191-2208.	3.7	8
45	Chemical Mimics of Aspartate-Directed Proteases: Predictive and Strictly Specific Hydrolysis of a Globular Protein at Asp ⁿ X Sequence Promoted by Polyoxometalate Complexes Rationalized by a Combined Experimental and Theoretical Approach. <i>Chemistry - A European Journal</i> , 2019, 25, 14370-14381.	3.3	24
46	Identification of a Wheat Thaumatin-like Protein That Inhibits <i>Saccharomyces cerevisiae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10423-10431.	5.2	4
47	Human DOCK2 Deficiency: Report of a Novel Mutation and Evidence for Neutrophil Dysfunction. <i>Journal of Clinical Immunology</i> , 2019, 39, 298-308.	3.8	31
48	MMP-9/Gelatinase B Degrades Immune Complexes in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2019, 10, 538.	4.8	19
49	EDTA/gelatin zymography method to identify C1s versus activated MMP-9 in plasma and immune complexes of patients with systemic lupus erythematosus. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 576-585.	3.6	7
50	Propeptide glycosylation and galectin-3 binding decrease proteolytic activation of human pro-MMP-9/progelatinase B. <i>FEBS Journal</i> , 2019, 286, 930-945.	4.7	7
51	Dysbiotic Biofilms Deregulate the Periodontal Inflammatory Response. <i>Journal of Dental Research</i> , 2018, 97, 547-555.	5.2	70
52	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.	7.1	117
53	The unique structural and functional features of CXCL12. <i>Cellular and Molecular Immunology</i> , 2018, 15, 299-311.	10.5	243
54	Neutrophils: a cornerstone of liver ischemia and reperfusion injury. <i>Laboratory Investigation</i> , 2018, 98, 51-62.	3.7	133

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55	CXCR2 is critical for bacterial control and development of joint damage and pain in <i>Staphylococcus aureus</i> -induced septic arthritis in mouse. <i>European Journal of Immunology</i> , 2018, 48, 454-463.	2.9	15
56	Chemoattractants and cytokines in primary ciliary dyskinesia and cystic fibrosis: key players in chronic respiratory diseases. <i>Cellular and Molecular Immunology</i> , 2018, 15, 312-323.	10.5	27
57	Divergence of species-specific protein sex pheromone blends in two related, nonhybridizing newts (<i>Salamandridae</i>). <i>Molecular Ecology</i> , 2018, 27, 508-519.	3.9	8
58	Selective Hydrolysis of Ovalbumin Promoted by Hf(IV)-Substituted Wells-Dawson-Type Polyoxometalate. <i>Frontiers in Chemistry</i> , 2018, 6, 614.	3.6	19
59	Differential Effects of Posttranslational Modifications of CXCL8/Interleukin-8 on CXCR1 and CXCR2 Internalization and Signaling Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3768.	4.1	15
60	Peroxyntirite Exposure of CXCL12 Impairs Monocyte, Lymphocyte and Endothelial Cell Chemotaxis, Lymphocyte Extravasation in vivo and Anti-HIV-1 Activity. <i>Frontiers in Immunology</i> , 2018, 9, 1933.	4.8	5
61	Chemokine-Induced Macrophage Polarization in Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2018, 9, 1930.	4.8	266
62	Gelatinase B/matrix metalloproteinase-9 is a phase-specific effector molecule, independent from Fas, in experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2018, 13, e0197944.	2.5	11
63	Pathological roles of the homeostatic chemokine CXCL12. <i>Cytokine and Growth Factor Reviews</i> , 2018, 44, 51-68.	7.2	110
64	Exaptation as a Mechanism for Functional Reinforcement of an Animal Pheromone System. <i>Current Biology</i> , 2018, 28, 2955-2960.e5.	3.9	9
65	Neutrophils: Beneficial and Harmful Cells in Septic Arthritis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 468.	4.1	33
66	Protein-Assisted Formation and Stabilization of Catalytically Active Polyoxometalate Species. <i>Chemistry - A European Journal</i> , 2018, 24, 10099-10108.	3.3	45
67	Matrix Metalloproteinase-9-Generated COOH-, but Not NH ₂ -Terminal Fragments of Serum Amyloid A1 Retain Potentiating Activity in Neutrophil Migration to CXCL8, With Loss of Direct Chemotactic and Cytokine-Inducing Capacity. <i>Frontiers in Immunology</i> , 2018, 9, 1081.	4.8	15
68	Neutrophils and Activated Macrophages Control Mucosal Immunity by Proteolytic Cleavage of Antileukoproteinase. <i>Frontiers in Immunology</i> , 2018, 9, 1154.	4.8	21
69	Anti-inflammatory effects of the GAG-binding CXCL9(74-103) peptide in dinitrofluorobenzene-induced contact hypersensitivity in mice. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1333-1344.	2.9	9
70	The chemokine fragment CXCL9(74-103) diminishes neutrophil recruitment and joint inflammation in antigen-induced arthritis. <i>Journal of Leukocyte Biology</i> , 2018, 104, 413-422.	3.3	17
71	CXCL4 and CXCL4L1 in cancer. <i>Cytokine</i> , 2018, 109, 65-71.	3.2	25
72	How post-translational modifications influence the biological activity of chemokines. <i>Cytokine</i> , 2018, 109, 29-51.	3.2	44

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73	COOH-terminal SAA1 peptides fail to induce chemokines but synergize with CXCL8 and CCL3 to recruit leukocytes via FPR2. <i>Blood</i> , 2018, 131, 439-449.	1.4	17
74	Highly Selective and Tunable Protein Hydrolysis by a Polyoxometalate Complex in Surfactant Solutions: A Step toward the Development of Artificial Metalloproteases for Membrane Proteins. <i>ACS Omega</i> , 2017, 2, 2026-2033.	3.5	23
75	Truncation of CXCL12 by CD26 reduces its CXC chemokine receptor 4- and atypical chemokine receptor 3-dependent activity on endothelial cells and lymphocytes. <i>Biochemical Pharmacology</i> , 2017, 132, 92-101.	4.4	42
76	Relative distribution and biological characterization of CXCL4L1 isoforms in platelets from healthy donors. <i>Biochemical Pharmacology</i> , 2017, 145, 123-131.	4.4	4
77	Chemokine isoforms and processing in inflammation and immunity. <i>Journal of Autoimmunity</i> , 2017, 85, 45-57.	6.5	67
78	Glycosaminoglycans Regulate CXCR3 Ligands at Distinct Levels: Protection against Processing by Dipeptidyl Peptidase IV/CD26 and Interference with Receptor Signaling. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1513.	4.1	28
79	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration In Vivo through Interference with Glycosaminoglycan Interactions. <i>Frontiers in Immunology</i> , 2017, 8, 530.	4.8	33
80	Neutrophils from Patients with Primary Ciliary Dyskinesia Display Reduced Chemotaxis to CXCR2 Ligands. <i>Frontiers in Immunology</i> , 2017, 8, 1126.	4.8	12
81	Osteoprotegerin Is a New Regulator of Inflammation and Angiogenesis in Proliferative Diabetic Retinopathy. , 2017, 58, 3189.		30
82	Intravital Microscopic Evaluation of the Effects of a CXCR2 Antagonist in a Model of Liver Ischemia Reperfusion Injury in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1917.	4.8	23
83	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.	4.8	227
84	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, 1725-1755.	2.4	180
85	Regulation of Chemokine Activity – A Focus on the Role of Dipeptidyl Peptidase IV/CD26. <i>Frontiers in Immunology</i> , 2016, 7, 483.	4.8	74
86	IDO1 Deficiency Does Not Affect Disease in Mouse Models of Systemic Juvenile Idiopathic Arthritis and Secondary Hemophagocytic Lymphohistiocytosis. <i>PLoS ONE</i> , 2016, 11, e0150075.	2.5	19
87	Tuning the Selectivity and Reactivity of Metal-Substituted Polyoxometalates as Artificial Proteases by Varying the Nature of the Embedded Lewis Acid Metal Ion. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5098-5105.	2.0	39
88	Microbiomic and Posttranslational Modifications as Preludes to Autoimmune Diseases. <i>Trends in Molecular Medicine</i> , 2016, 22, 746-757.	6.7	52
89	Matrix metalloproteinase-9 (MMP-9) as an activator of nanosystems for targeted drug delivery in pancreatic cancer. <i>Journal of Controlled Release</i> , 2016, 239, 39-48.	9.9	42
90	Courtship Pheromone Use in a Model Urodele, the Mexican Axolotl (<i>Ambystoma mexicanum</i>). <i>Scientific Reports</i> , 2016, 6, 20184.	3.3	16

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91	Beyond sodefrin: evidence for a multi-component pheromone system in the model newt <i>Cynops pyrrhogaster</i> (Salamandridae). <i>Scientific Reports</i> , 2016, 6, 21880.	3.3	14
92	The cytokine-serum amyloid A-chemokine network. <i>Cytokine and Growth Factor Reviews</i> , 2016, 30, 55-69.	7.2	99
93	Development by Genetic Immunization of Monovalent Antibodies (Nanobodies) Behaving as Antagonists of the Human ChemR23 Receptor. <i>Journal of Immunology</i> , 2016, 196, 2893-2901.	0.8	48
94	CD26/dipeptidylpeptidase IV chemokine interactions: double-edged regulation of inflammation and tumor biology. <i>Journal of Leukocyte Biology</i> , 2016, 99, 955-969.	3.3	75
95	Basic chemokine-derived glycosaminoglycan binding peptides exert antiviral properties against dengue virus serotype 2, herpes simplex virus-1 and respiratory syncytial virus. <i>Biochemical Pharmacology</i> , 2016, 100, 73-85.	4.4	29
96	CXCL4 and CXCL4L1 Differentially Affect Monocyte Survival and Dendritic Cell Differentiation and Phagocytosis. <i>PLoS ONE</i> , 2016, 11, e0166006.	2.5	39
97	Natural nitration of CXCL12 reduces its signaling capacity and chemotactic activity <i>in vitro</i> and abrogates intra-articular lymphocyte recruitment <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 62439-62459.	1.8	32
98	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, 7391-7394.	13.8	94
99	Cytokines in systemic juvenile idiopathic arthritis and haemophagocytic lymphohistiocytosis: tipping the balance between interleukin-18 and interferon- β . <i>Rheumatology</i> , 2015, 54, 1507-1517.	1.9	125
100	Differential Cytokine, Chemokine and Growth Factor Expression in Phenotypes of Chronic Lung Allograft Dysfunction. <i>Transplantation</i> , 2015, 99, 86-93.	1.0	57
101	HIV-1 IN/Pol recruits LEDGF/p75 into viral particles. <i>Retrovirology</i> , 2015, 12, 16.	2.0	19
102	The Positively Charged COOH-terminal Glycosaminoglycan-binding CXCL9(74-103) Peptide Inhibits CXCL8-induced Neutrophil Extravasation and Monosodium Urate Crystal-induced Gout in Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 21292-21304.	3.4	54
103	BAL neutrophilia in azithromycin-treated lung transplant recipients: Clinical significance. <i>Transplant Immunology</i> , 2015, 33, 37-44.	1.2	14
104	Side-by-side secretion of Late Palaeozoic diverged courtship pheromones in an aquatic salamander. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142960.	2.6	19
105	Different Ancestries of R Tailocins in Rhizospheric <i>Pseudomonas</i> Isolates. <i>Genome Biology and Evolution</i> , 2015, 7, 2810-2828.	2.5	52
106	Endogenous biotin-binding proteins: an overlooked factor causing false positives in streptavidin-based protein detection. <i>Microbial Biotechnology</i> , 2015, 8, 164-168.	4.2	33
107	Serum amyloid A1 \pm induces paracrine IL-8/CXCL8 via TLR2 and directly synergizes with this chemokine via CXCR2 and formyl peptide receptor 2 to recruit neutrophils. <i>Journal of Leukocyte Biology</i> , 2015, 98, 1049-1060.	3.3	40
108	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, 101-112.	2.9	57

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109	Cloning, constitutive activity and expression profiling of two receptors related to relaxin receptors in <i>Drosophila melanogaster</i> . <i>Peptides</i> , 2015, 68, 83-90.	2.4	31
110	A Bioplex Analysis of Cytokines and Chemokines in First Trimester Maternal Plasma to Screen for Predictors of Miscarriage. <i>PLoS ONE</i> , 2014, 9, e93320.	2.5	17
111	Azithromycin and the Treatment of Lymphocytic Airway Inflammation After Lung Transplantation. <i>American Journal of Transplantation</i> , 2014, 14, 2736-2748.	4.7	34
112	Molecular Origin of the Hydrolytic Activity and Fixed Regioselectivity of a Zr ^{IV} -Substituted Polyoxotungstate as Artificial Protease. <i>Chemistry - A European Journal</i> , 2014, 20, 9567-9577.	3.3	53
113	Characterization of a type D1A EUL-related lectin from rice expressed in <i>Pichia pastoris</i> . <i>Biological Chemistry</i> , 2014, 395, 413-424.	2.5	8
114	Citrullination and Proteolytic Processing of Chemokines by <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2014, 82, 2511-2519.	2.2	22
115	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, 3894-3897.	3.3	92
116	CXCL4L1 and CXCL4 signaling in human lymphatic and microvascular endothelial cells and activated lymphocytes: involvement of mitogen-activated protein (MAP) kinases, Src and p70S6 kinase. <i>Angiogenesis</i> , 2014, 17, 631-640.	7.2	19
117	Chemokines and other GPCR ligands synergize in receptor-mediated migration of monocyte-derived immature and mature dendritic cells. <i>Immunobiology</i> , 2014, 219, 218-229.	1.9	63
118	The <i>Sputum Colour Chart</i> as a predictor of lung inflammation, proteolysis and damage in non-cystic fibrosis bronchiectasis: A case-control analysis. <i>Respirology</i> , 2014, 19, 203-210.	2.3	49
119	Discovery of Molecular Pathways Mediating 1,25-Dihydroxyvitamin D3 Protection Against Cytokine-Induced Inflammation and Damage of Human and Male Mouse Islets of Langerhans. <i>Endocrinology</i> , 2014, 155, 736-747.	2.8	45
120	Selective hydrolysis of hen egg white lysozyme at Asp-X peptide bonds promoted by oxomolybdate. <i>Journal of Inorganic Biochemistry</i> , 2014, 136, 73-80.	3.5	16
121	Lipophorins can adhere to dsRNA, bacteria and fungi present in the hemolymph of the desert locust: A role as general scavenger for pathogens in the open body cavity. <i>Journal of Insect Physiology</i> , 2014, 64, 7-13.	2.0	36
122	Angiostatic, tumor inflammatory and anti-tumor effects of CXCL470 and CXCL4L1470 in an EGF-dependent breast cancer model. <i>Oncotarget</i> , 2014, 5, 10916-10933.	1.8	23
123	Frog nuptial pads secrete mating season-specific proteins related to salamander pheromones. <i>Journal of Experimental Biology</i> , 2013, 216, 4139-43.	1.7	27
124	<i>In vivo</i> regulation of chemokine activity by post-translational modification. <i>Immunology and Cell Biology</i> , 2013, 91, 402-407.	2.3	35
125	Carboxypeptidase M in apoptosis, adipogenesis and cancer. <i>Clinica Chimica Acta</i> , 2013, 415, 306-316.	1.1	11
126	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, 2848-2858.	3.3	134

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127	Identification and characterization of MIP-1 β /CCL3 isoform 2 from bovine serum as a potent monocyte/dendritic cell chemoattractant. <i>Biochemical Pharmacology</i> , 2013, 85, 789-797.	4.4	14
128	Regulation of TNF α with a focus on rheumatoid arthritis. <i>Immunology and Cell Biology</i> , 2013, 91, 393-401.	2.3	147
129	Citrullination of TNF α by peptidylarginine deiminases reduces its capacity to stimulate the production of inflammatory chemokines. <i>Cytokine</i> , 2013, 61, 161-167.	3.2	30
130	CXCL6 antibody neutralization prevents lung inflammation and fibrosis in mice in the bleomycin model. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1317-1323.	3.3	51
131	HylA, an Alternative Hydrolase for Initiation of Catabolism of the Phenylurea Herbicide Linuron in <i>Variovorax</i> sp. Strains. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5258-5263.	3.1	32
132	Expression analysis of a type S2 EUL-related lectin from rice in <i>Pichia pastoris</i> . <i>Glycoconjugate Journal</i> , 2012, 29, 467-479.	2.7	12
133	Meprins process matrix metalloproteinase α 9 (MMP α 9)/gelatinase B and enhance the activation kinetics by MMP α 3. <i>FEBS Letters</i> , 2012, 586, 4264-4269.	2.8	22
134	Arabidopsis F β box protein containing a Nictaba α -related lectin domain interacts with N-acetyllactosamine structures. <i>FEBS Open Bio</i> , 2012, 2, 151-158.	2.3	29
135	Possible mechanisms involved in chemokine synergy fine tuning the inflammatory response. <i>Immunology Letters</i> , 2012, 145, 10-14.	2.5	52
136	Overview of the mechanisms regulating chemokine activity and availability. <i>Immunology Letters</i> , 2012, 145, 2-9.	2.5	83
137	Peptidylarginine deiminases: physiological function, interaction with chemokines and role in pathology. <i>Drug Discovery Today: Technologies</i> , 2012, 9, e261-e280.	4.0	12
138	C-Terminal Clipping of Chemokine CCL1/I-309 Enhances CCR8-Mediated Intracellular Calcium Release and Anti-Apoptotic Activity. <i>PLoS ONE</i> , 2012, 7, e34199.	2.5	18
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272	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, 286-291.	2.9	56
273	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78 β into a most efficient monocyte attractant and CCR1 agonist. <i>Blood</i> , 2000, 96, 1674-1680.	1.4	4
274	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.	1.4	23
275	Metallothionein isoform gene expression in zinc-treated human peripheral blood lymphocytes. <i>Cellular and Molecular Biology</i> , 2000, 46, 419-33.	0.9	12
276	Cleavage by CD26/dipeptidyl peptidase IV converts the chemokine LD78 β into a most efficient monocyte attractant and CCR1 agonist. <i>Blood</i> , 2000, 96, 1674-80.	1.4	58
277	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.	1.4	241
278	Metallothioneins in Human Kidneys and Associated Tumors. <i>Nephron</i> , 1999, 83, 331-340.	1.8	25
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284	Production of recombinant rat proopiomelanocortin1 α 74 and characterization of its mitogenic action on pituitary lactotrophs. <i>Molecular and Cellular Endocrinology</i> , 1999, 154, 111-122.	3.2	16
285	Osteocalcin binds tightly to the β -glutamylcarboxylase at a site distinct from that of the other known vitamin K-dependent proteins. <i>Biochemical Journal</i> , 1999, 341, 265.	3.7	17
286	The LD78 β isoform of MIP-1 α is the most potent CCR5 agonist and HIV-1 α -inhibiting chemokine. <i>Journal of Clinical Investigation</i> , 1999, 104, R1-R5.	8.2	93
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