Luiz Juliano

List of Publications by Year
in descending order

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380 papers	11,795 citations	36691 53 h-index	68831 81 g-index

383 all docs	383 docs citations	383 times ranked	15212 citing authors

#	Article	IF	Citations
1	Host Cell Invasion by TRYPANOSOMA cRUZI Is Potentiated by Activation of Bradykinin B2 Receptors. Journal of Experimental Medicine, 2000, 192, 1289-1300.	4.2	216
2	Amyloid-Î² Binds to the Extracellular Cysteine-rich Domain of Frizzled and Inhibits Wnt/Î²-Catenin Signaling. Journal of Biological Chemistry, 2008, 283, 9359-9368.	1.6	214
3	Inhibitors of the major cysteinyl proteinase (GP57/51) impair host cell invasion and arrest the intracellular development of Trypanosoma cruzi in vitro. Molecular and Biochemical Parasitology, 1992, 52, 175-184.	0.5	212
4	DNA Converts Cellular Prion Protein into the Î²-Sheet Conformation and Inhibits Prion Peptide Aggregation. Journal of Biological Chemistry, 2001, 276, 49400-49409.	1.6	190
5	Cathepsin B Activity Regulation. Journal of Biological Chemistry, 2001, 276, 944-951.	1.6	169
6	Internally quenched fluorogenic protease substrates: Solid-phase synthesis and fluorescence spectroscopy of peptides containing ortho-aminobenzoyl/dinitrophenyl groups as donor-acceptor pairs. International Journal of Peptide Research and Therapeutics, 1995, 1, 299-308.	0.1	166
7	Major Increase in Endopeptidase Activity of Human Cathepsin B upon Removal of Occluding Loop Contactsâ€. Biochemistry, 1997, 36, 12608-12615.	1.2	165
8	A glimpse on biological activities of tellurium compounds. Anais Da Academia Brasileira De Ciencias, 2009, 81, 393-407.	0.3	152
9	Peptidase Specificity Characterization of C- and N-Terminal Catalytic Sites of Angiotensin I-Converting Enzymeâ€. Biochemistry, 2000, 39, 8519-8525.	1.2	145
10	Measuring elastase, proteinase 3 and cathepsin G activities at the surface of human neutrophils with fluorescence resonance energy transfer substrates. Nature Protocols, 2008, 3, 991-1000.	5.5	142
11	The route of antimicrobial resistance from the hospital effluent to the environment: focus on the occurrence of KPC-producing Aeromonas spp. and Enterobacteriaceae in sewage. Diagnostic Microbiology and Infectious Disease, 2013, 76, 80-85.	0.8	139
12	Intramolecularly quenched fluorogenic tetrapeptide substrates for tissue and plasma kallikreins. Analytical Biochemistry, 1991, 192, 419-425.	1.1	133
13	A multifunctional serine protease primes the malaria parasite for red blood cell invasion. EMBO Journal, 2009, 28, 725-735.	3.5	133
14	Infection by Trypanosoma cruzi. Journal of Biological Chemistry, 2001, 276, 19382-19389.	1.6	112
15	Substrate Activation of Insulin-degrading Enzyme (Insulysin). Journal of Biological Chemistry, 2003, 278, 49789-49794.	1.6	112
16	Natterins, a new class of proteins with kininogenase activity characterized from fish venom. Biochimie, 2005, 87, 687-699.	1.3	108
17	Kininogenase Activity by the Major Cysteinyl Proteinase (Cruzipain) from Trypanosoma cruzi. Journal of Biological Chemistry, 1997, 272, 25713-25718.	1.6	107
18	Specificity of Prohormone Convertase 2 on Proenkephalin and Proenkephalin-related Substrates. Journal of Biological Chemistry, 1998, 273, 22672-22680.	1.6	100

#	Article	IF	Citations
19	Human recombinant endopeptidase PHEX has a strict S1' specificity for acidic residues and cleaves peptides derived from fibroblast growth factor-23 and matrix extracellular phosphoglycoprotein. Biochemical Journal, 2003, 373, 271-279.	1.7	93
20	Fluorescence-Quenched Solid Phase Combinatorial Libraries in the Characterization of Cysteine Protease Substrate Specificityâ€. ACS Combinatorial Science, 1999, 1, 509-523.	3.3	92
21	Metagenomic Analysis of a Tropical Composting Operation at the SÃ£o Paulo Zoo Park Reveals Diversity of Biomass Degradation Functions and Organisms. PLoS ONE, 2013, 8, e61928.	1.1	91
22	Characterization of the substrate specificity of the major cysteine protease (cruzipain) from Trypanosoma cruzi using a portion-mixing combinatorial library and fluorogenic peptides. Biochemical Journal, 1997, 323, 427-433.	1.7	90
23	Positional-scanning combinatorial libraries of fluorescence resonance energy transfer peptides to define substrate specificity of carboxydipeptidases: assays with human cathepsin B. Analytical Biochemistry, 2004, 335, 244-252.	1.1	89
24	Substrate Specificity of Human Kallikrein 6. Journal of Biological Chemistry, 2006, 281, 3116-3126.	1.6	89
25	Characterization of unusual families of ATG8-like proteins and ATG12 in the protozoan parasiteLeishmania major. Autophagy, 2009, 5, 159-172.	4.3	89
26	Heparan Sulfate Modulates Kinin Release by Trypanosoma cruzi through the Activity of Cruzipain. Journal of Biological Chemistry, 2002, 277, 5875-5881.	1.6	86
27	A continuous fluorescence resonance energy transfer angiotensin I-converting enzyme assay. Nature Protocols, 2006, 1, 1971-1976.	5.5	84
28	Evidence for the role of neurogenic inflammation components in trypsinâ€elicited scratching behaviour in mice. British Journal of Pharmacology, 2008, 154, 1094-1103.	2.7	82
29	Immune Evasion by Pathogenic Leptospira Strains: The Secretion of Proteases that Directly Cleave Complement Proteins. Journal of Infectious Diseases, 2014, 209, 876-886.	1.9	82
30	Metacaspase 2 of Trypanosoma brucei is a calciumâ€dependent cysteine peptidase active without processing. FEBS Letters, 2007, 581, 5635-5639.	1.3	80
31	Crystal structure of cathepsin X: a flipâ€“flop of the ring of His23 allows carboxy-monopeptidase and carboxy-dipeptidase activity of the protease. Structure, 2000, 8, 305-313.	1.6	79
32	Substrate Specificity Characterization of Recombinant Metallo Oligo-Peptidases Thimet Oligopeptidase and Neurolysinâ€. Biochemistry, 2001, 40, 4417-4425.	1.2	77
33	In Silico Prediction of Peptides Binding to Multiple HLA-DR Molecules Accurately Identifies Immunodominant Epitopes from gp43 of Paracoccidioides brasiliensis Frequently Recognized in Primary Peripheral Blood Mononuclear Cell Responses from Sensitized Individuals. Molecular Medicine, 2003, 9, 209-219.	1.9	75
34	Investigation of the substrate specificity of cruzipain, the major cysteine proteinase of Trypanosoma cruzi, through the use of cystatin-derived substrates and inhibitors. Biochemical Journal, 1996, 313, 951-956.	1.7	74
35	Cysteine protease isoforms from Trypanosoma cruzi, cruzipain 2 and cruzain, present different substrate preference and susceptibility to inhibitors. Molecular and Biochemical Parasitology, 2001, 114, 41-52.	0.5	74
36	Biochemical characterization of human cathepsin X revealed that the enzyme is an exopeptidase, acting as carboxymonopeptidase or carboxydipeptidase. FEBS Journal, 2000, 267, 5404-5412.	0.2	70

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37	Membrane Fusion Induced by Vesicular Stomatitis Virus Depends on Histidine Protonation. Journal of Biological Chemistry, 2003, 278, 13789-13794.	1.6	70
38	Expression and characterization of a recombinant cysteine proteinase of Leishmania mexicana. Biochemical Journal, 2000, 347, 383-388.	1.7	66
39	A Heme-binding Aspartic Proteinase from the Eggs of the Hard TickBoophilus microplus. Journal of Biological Chemistry, 2000, 275, 28659-28665.	1.6	66
40	Design and Use of Highly Specific Substrates of Neutrophil Elastase and Proteinase 3. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 801-807.	1.4	64
41	Structural features that make oligopeptides susceptible substrates for hydrolysis by recombinant thimet oligopeptidase. Biochemical Journal, 1997, 324, 517-522.	1.7	63
42	Probing the specificity of cysteine proteinases at subsites remote from the active site: analysis of P4, P3, P2â€² and P3â€² variations in extended substrates. Biochemical Journal, 2000, 347, 123-129.	1.7	63
43	Non-peptidic Cruzain Inhibitors with Trypanocidal Activity Discovered by Virtual Screening and In Vitro Assay. PLoS Neglected Tropical Diseases, 2013, 7, e2370.	1.3	63
44	Detection of carbapenemase activity directly from blood culture vials using MALDI-TOF MS: a quick answer for the right decision. Journal of Antimicrobial Chemotherapy, 2014, 69, 2132-2136.	1.3	62
45	Trypanosoma brucei Metacaspase 4 Is a Pseudopeptidase and a Virulence Factor. Journal of Biological Chemistry, 2011, 286, 39914-39925.	1.6	61
46	S3 to S3' subsite specificity of recombinant human cathepsin K and development of selective internally quenched fluorescent substrates. Biochemical Journal, 2003, 373, 981-986.	1.7	60
47	Comparative substrate specificity analysis of recombinant human cathepsin V and cathepsin L. Archives of Biochemistry and Biophysics, 2004, 430, 274-283.	1.4	60
48	Controlling Î²-Amyloid Oligomerization by the Use of Naphthalene Sulfonates. Journal of Biological Chemistry, 2005, 280, 34747-34754.	1.6	60
49	ATP Effects on Insulin-degrading Enzyme Are Mediated Primarily through Its Triphosphate Moiety. Journal of Biological Chemistry, 2004, 279, 54216-54220.	1.6	59
50	T-cell molecular mimicry in Chagas disease: identification and partial structural analysis of multiple cross-reactive epitopes between Trypanosoma cruzi B13 and cardiac myosin heavy chain. Journal of Autoimmunity, 2005, 24, 111-117.	3.0	57
51	Influence of Charge Distribution at the Active Site Surface on the Substrate Specificity of Human Neutrophil Protease 3 and Elastase. Journal of Biological Chemistry, 2007, 282, 1989-1997.	1.6	56
52	Detection of SPM-1-Producing Pseudomonas aeruginosa and Class D Î²-Lactamase-Producing Acinetobacter baumannii Isolates by Use of Liquid Chromatography-Mass Spectrometry and Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2013, 51, 287-290.	1.8	56
53	Conformation of angiotensin II in aqueous solutions. Titration of several peptide analogs and homologs. Biochemistry, 1974, 13, 2445-2450.	1.2	55
54	Mapping of the Catalytic Groove Preferences of Factor Xa Reveals an Inadequate Selectivity for Its Macromolecule Substrates. Journal of Biological Chemistry, 2002, 277, 20527-20534.	1.6	55

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55	Kininogenase activity of Thalassophryne nattereri fish venom. Biochemical Pharmacology, 2004, 68, 2151-2157.	2.0	55
56	Substrate specificity of insect trypsins and the role of their subsites in catalysis. Insect Biochemistry and Molecular Biology, 2006, 36, 130-140.	1.2	55
57	Intramolecularly quenched fluorogenic peptide substrates for human renin. Analytical Biochemistry, 1992, 203, 39-46.	1.1	54
58	Straightforward Synthesis of Non-Natural Selenium Containing Amino Acid Derivatives and Peptides. European Journal of Organic Chemistry, 2005, 2005, 4260-4264.	1.2	54
59	Biochemical and Pharmacological Aspects of Two Bradykinin-Potentiating Peptides Obtained from Tryptic Hydrolysis of Casein. The Protein Journal, 2003, 22, 601-606.	1.1	53
60	Inhibition of Neutrophil Elastase by Î±1-Protease Inhibitor at the Surface of Human Polymorphonuclear Neutrophils. Journal of Immunology, 2005, 175, 3329-3338.	0.4	53
61	Cathepsin X binds to cell surface heparan sulfate proteoglycans. Archives of Biochemistry and Biophysics, 2005, 436, 323-332.	1.4	52
62	Structural Characterization of Mouse Neutrophil Serine Proteases and Identification of Their Substrate Specificities. Journal of Biological Chemistry, 2009, 284, 34084-34091.	1.6	52
63	Cysteine Proteinase Activity Regulation. Journal of Biological Chemistry, 1999, 274, 30433-30438.	1.6	51
64	Identification of a Major Heparin-binding Site in Kallistatin. Journal of Biological Chemistry, 2001, 276, 1276-1284.	1.6	51
65	Syndecanâ€4 contributes to endothelial tubulogenesis through interactions with two motifs inside the proâ€angiogenic Nâ€terminal domain of thrombospondinâ€1. Journal of Cellular Physiology, 2008, 214, 828-837.	2.0	51
66	Thimet Oligopeptidase and the Stability of MHC Class I Epitopes in Macrophage Cytosol. Biochemical and Biophysical Research Communications, 1999, 255, 596-601.	1.0	50
67	Purification and characterization of a new alkaline serine protease from the thermophilic fungus Myceliophthora sp.. Process Biochemistry, 2011, 46, 2137-2143.	1.8	50
68	Serpin-derived Peptide Substrates for Investigating the Substrate Specificity of Human Tissue Kallikreins hK1 and hK2. Journal of Biological Chemistry, 1997, 272, 29590-29595.	1.6	49
69	Substrate specificities of tissue kallikrein and T-kininogenase: their possible role in kininogen processing. Biochemistry, 1992, 31, 4969-4974.	1.2	47
70	Simple Modifications of the Serpin Reactive Site Loop Convert SCCA2 into a Cysteine Proteinase Inhibitor:Â A Critical Role for the P3â€˜ Proline in Facilitating RSL Cleavageâ€. Biochemistry, 2000, 39, 7081-7091.	1.2	47
71	Discriminating between the Activities of Human Neutrophil Elastase and Proteinase 3 Using Serpin-derived Fluorogenic Substrates. Journal of Biological Chemistry, 2002, 277, 39074-39081.	1.6	47
72	Can Cysteine Protease Cross-Class Inhibitors Achieve Selectivity?. Journal of Medicinal Chemistry, 2019, 62, 10497-10525.	2.9	47

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73	Ionization of methyl derivatives of imidazole, histidine, thyreotropin releasing factor, and related compounds. Journal of the American Chemical Society, 1976, 98, 7645-7648.	6.6	46
74	Inhibition of cruzipain visualized in a fluorescence quenched solid-phase inhibitor library assay.D-Amino Acid Inhibitors for cruzipain, cathepsin B and cathepsin L. , 1998, 4, 83-91.		46
75	Solid-Phase Library Synthesis, Screening, and Selection of Tight-Binding Reduced Peptide Bond Inhibitors of a Recombinant Leishmania mexicana Cysteine Protease B. Journal of Medicinal Chemistry, 2002, 45, 1971-1982.	2.9	46
76	Cathepsin D-mediated yolk protein degradation is blocked by acid phosphatase inhibitors. Archives of Biochemistry and Biophysics, 2005, 436, 246-253.	1.4	46
77	Identification of bradykinins in solitary wasp venoms. Toxicon, 2002, 40, 309-312.	0.8	45
78	Kinin B2receptor regulates chemokines CCL2 and CCL5 expression and modulates leukocyte recruitment and pathology in experimental autoimmune encephalomyelitis (EAE) in mice. Journal of Neuroinflammation, 2008, 5, 49.	3.1	45
79	Biological evaluation and docking studies of natural isocoumarins as inhibitors for human kallikrein 5 and 7. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6112-6115.	1.0	45
80	New, Sensitive Fluorogenic Substrates for Human Cathepsin G Based on the Sequence of Serpin-reactive Site Loops. Journal of Biological Chemistry, 1999, 274, 13810-13817.	1.6	43
81	Expression and characterization of a recombinant cysteine proteinase of Leishmania mexicana. Biochemical Journal, 2000, 347, 383.	1.7	43
82	Probing the interaction between vesicular stomatitis virus and phosphatidylserine. European Biophysics Journal, 2006, 35, 145-154.	1.2	43
83	Characterization of thimet oligopeptidase and neurolysin activities in B16F10-Nex2 tumor cells and their involvement in angiogenesis and tumor growth. Molecular Cancer, 2007, 6, 44.	7.9	43
84	Peptide Blockers of the Inhibition of Neuronal Nicotinic Acetylcholine Receptors by Amyloid Î². Journal of Biological Chemistry, 2005, 280, 31085-31090.	1.6	42
85	Fluorescent properties of amino acids labeled withortho-aminobenzoic acid. , 1998, 4, 395-402.		41
86	The Substrate Specificity of a Recombinant Cysteine Protease fromLeishmania mexicana: Application of a Combinatorial Peptide Library Approach. ChemBioChem, 2000, 1, 115-122.	1.3	41
87	Altered expression of cruzipain and a cathepsin B-like target in a Trypanosoma cruzi cell line displaying resistance to synthetic inhibitors of cysteine-proteinases. Molecular and Biochemical Parasitology, 2000, 109, 47-59.	0.5	41
88	Cysteine-protease activity elicited by Ca2+ stimulus in Plasmodium. Molecular and Biochemical Parasitology, 2005, 141, 71-79.	0.5	41
89	The Serine Protease Pic From Enteroaggregative Escherichia coli Mediates Immune Evasion by the Direct Cleavage of Complement Proteins. Journal of Infectious Diseases, 2015, 212, 106-115.	1.9	41
90	A study of human furin specificity using synthetic peptides derived from natural substrates, and effects of potassium ions. Archives of Biochemistry and Biophysics, 2009, 487, 105-114.	1.4	40

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91	Transthyretin is a metallopeptidase with an inducible active site. Biochemical Journal, 2012, 443, 769-778.	1.7	40
92	CXCL12 N-terminal end is sufficient to induce chemotaxis and proliferation of neural stem/progenitor cells. Stem Cell Research, 2013, 11, 913-925.	0.3	40
93	Angiotensin-like and antagonistic activities of N-terminal modified [8-leucine]-angiotensin II peptides. Journal of Medicinal Chemistry, 1974, 17, 238-241.	2.9	39
94	A selective assay for endooligopeptidase a based on the cleavage of fluorogenic substrate structurally related to enkephalin. Biochemical and Biophysical Research Communications, 1990, 173, 647-652.	1.0	39
95	Characterization of the Cell Adhesion Site of Trypanosoma cruzi Metacyclic Stage Surface Glycoprotein gp82. Infection and Immunity, 2000, 68, 478-484.	1.0	39
96	Synthesis and Hydrolysis by Cysteine and Serine Proteases of Short Internally Quenched Fluorogenic Peptides. Analytical Biochemistry, 2001, 293, 71-77.	1.1	39
97	Cathepsin B carboxydipeptidase specificity analysis using internally quenched fluorescent peptides. Biochemical Journal, 2002, 368, 365-369.	1.7	39
98	Role of the bradykinin B2 receptor for the local and systemic inflammatory response that follows severe reperfusion injury. British Journal of Pharmacology, 2003, 139, 129-139.	2.7	39
99	Biochemical and milk-clotting properties and mapping of catalytic subsites of an extracellular aspartic peptidase from basidiomycete fungus Phanerochaete chrysosporium. Food Chemistry, 2017, 225, 45-54.	4.2	39
100	Cathepsin K cleavage of SDF-1Î± inhibits its chemotactic activity towards glioblastoma stem-like cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 594-603.	1.9	39
101	In silico prediction of peptides binding to multiple HLA-DR molecules accurately identifies immunodominant epitopes from gp43 of Paracoccidioides brasiliensis frequently recognized in primary peripheral blood mononuclear cell responses from sensitized individuals. Molecular Medicine, 2003, 9, 209-19.	1.9	39
102	A comparison of the enzymatic properties of the major cysteine proteinases from Trypanosoma congolense and Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1997, 88, 85-94.	0.5	38
103	Ortho-aminobenzoic acid as a fluorescent probe for the interaction between peptides and micelles. Biophysical Chemistry, 1998, 73, 217-225.	1.5	38
104	Identification of a domain of Trypanosoma cruzi metacyclic trypomastigote surface molecule gp82 required for attachment and invasion of mammalian cells. Molecular and Biochemical Parasitology, 1996, 78, 209-216.	0.5	36
105	Selective Neurotensin-Derived Internally Quenched Fluorogenic Substrates for Neurolysin (EC) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Biochemistry, 2001, 292, 257-265.	1.1	36
106	Substrate specificity of human cathepsin D using internally quenched fluorescent peptides derived from reactive site loop of kallistatin. BBA - Proteins and Proteomics, 2001, 1544, 113-122.	2.1	36
107	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: Influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. Archives of Biochemistry and Biophysics, 2007, 457, 187-196.	1.4	36
108	Amylolytic Microorganism from SÃ£o Paulo Zoo Composting: Isolation, Identification, and Amylase Production. Enzyme Research, 2011, 2011, 1-8.	1.8	36

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109	Novel Family of Insect Salivary Inhibitors Blocks Contact Pathway Activation by Binding to Polyphosphate, Heparin, and Dextran Sulfate. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2759-2770.	1.1	36
110	End-to-end distance distribution in bradykinin observed by FÃ¶rster resonance energy transfer. Biochimica Et Biophysica Acta - General Subjects, 2000, 1474, 251-261.	1.1	35
111	Analysis of the Subsite Specificity of Rat Insulysin Using Fluorogenic Peptide Substrates. Journal of Biological Chemistry, 2001, 276, 1152-1155.	1.6	35
112	Protective effect of the organotelluroxetane RF-07 in pilocarpine-induced status epilepticus. Neurobiology of Disease, 2008, 31, 120-126.	2.1	35
113	Measurement of free and membrane-bound cathepsin G in human neutrophils using new sensitive fluorogenic substrates. Biochemical Journal, 2002, 366, 965-970.	1.7	34
114	Mechanisms underlying the nociceptive and inflammatory responses induced by trypsin in the mouse paw. European Journal of Pharmacology, 2008, 581, 204-215.	1.7	34
115	Identification of the Allosteric Regulatory Site of Insulysin. PLoS ONE, 2011, 6, e20864.	1.1	34
116	Irreversible inhibition of human cathepsins B, L, S and K by hypervalent tellurium compounds. Biological Chemistry, 2009, 390, 1205-1212.	1.2	33
117	Isolation and sequence determination of peptides in the venom of the spider wasp (Cyphononyx) Tj ETQq1 1 0.784314 rgBT /Overloc spectrometry. Toxicon, 2001, 39, 1257-1260.	0.8	32
118	Positional-Scanning Combinatorial Libraries of Fluorescence Resonance Energy Transfer Peptides for Defining Substrate Specificity of the Angiotensin I-Converting Enzyme and Development of Selective C-Domain Substratesâ€. Biochemistry, 2004, 43, 15729-15736.	1.2	32
119	Characterization of arazyme, an exocellular metalloprotease isolated from Serratia proteamaculans culture medium. Enzyme and Microbial Technology, 2005, 37, 574-581.	1.6	32
120	Identification of Candida haemulonii Complex Species: Use of ClinProToolsTM to Overcome Limitations of the Bruker BiotyperTM, VITEK MSTM IVD, and VITEK MSTM RUO Databases. Frontiers in Microbiology, 2016, 7, 940.	1.5	32
121	Mutation of Active Site Residues of Insulin-degrading Enzyme Alters Allosteric Interactions. Journal of Biological Chemistry, 2005, 280, 17701-17706.	1.6	31
122	Lytic Activity and Structural Differences of Amphipathic Peptides Derived from Trialysinâ€,â€¡. Biochemistry, 2006, 45, 1765-1774.	1.2	31
123	Isomannide-Based Peptidomimetics as Inhibitors for Human Tissue Kallikreins 5 and 7. ACS Medicinal Chemistry Letters, 2014, 5, 128-132.	1.3	31
124	A 36-Residue Peptide Contains All of the Information Required for 7B2-mediated Activation of Prohormone Convertase 2. Journal of Biological Chemistry, 1999, 274, 21471-21477.	1.6	30
125	Probing the specificity of cysteine proteinases at subsites remote from the active site: analysis of P4, P3, P2â€² and P3â€² variations in extended substrates. Biochemical Journal, 2000, 347, 123.	1.7	30
126	Comparison of the specificity, stability and individual rate constants with respective activation parameters for the peptidase activity of cruzipain and its recombinant form, cruzain, fromTrypanosoma cruzi. FEBS Journal, 2001, 268, 6578-6586.	0.2	30

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127	Recombinant human cathepsin X is a carboxymonopeptidase only: a comparison with cathepsins B and L. Biological Chemistry, 2005, 386, 1191-5.	1.2	30
128	Interaction between dengue virus fusion peptide and lipid bilayers depends on peptide clustering. Molecular Membrane Biology, 2008, 25, 128-138.	2.0	30
129	Biochemical and Functional Characterization of a Metalloprotease from the Thermophilic FungusThermoascus aurantiacus. Journal of Agricultural and Food Chemistry, 2009, 57, 9210-9217.	2.4	30
130	Extracellular ATP triggers proteolysis and cytosolic Ca2+ rise in Plasmodium berghei and Plasmodium yoelii malaria parasites. Malaria Journal, 2012, 11, 69.	0.8	30
131	Evaluation of the catalytic specificity, biochemical properties, and milk clotting abilities of an aspartic peptidase from Rhizomucor miehei. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1059-1069.	1.4	30
132	Electrostatic Environment at the Active Site of Prolyl Oligopeptidase Is Highly Influential during Substrate Binding. Journal of Biological Chemistry, 2003, 278, 48786-48793.	1.6	29
133	Human recombinant membrane-bound aminopeptidase P: production of a soluble form and characterization using novel, internally quenched fluorescent substrates. Biochemical Journal, 2005, 385, 389-397.	1.7	29
134	The substrate specificity of cruzipain 2, a cysteine protease isoform fromTrypanosoma cruzi. FEMS Microbiology Letters, 2006, 259, 215-220.	0.7	29
135	Spectroscopic characterization of 2-amino-N-hexadecyl-benzamide (AHBA), a new fluorescence probe for membranes. Biophysical Chemistry, 2006, 124, 125-133.	1.5	29
136	The loops facing the active site of prolyl oligopeptidase are crucial components in substrate gating and specificity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 98-111.	1.1	29
137	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry for Differentiation of the Dimorphic Fungal Species Paracoccidioides brasiliensis and Paracoccidioides lutzii. Journal of Clinical Microbiology, 2015, 53, 1383-1386.	1.8	29
138	Subsite specificity (S3, S2, S1', S2' and S3') of oligopeptidase B from Trypanosoma cruzi and Trypanosoma brucei using fluorescent quenched peptides: comparative study and identification of specific carboxypeptidase activity. Biochemical Journal, 2003, 373, 933-939.	1.7	28
139	Schistosoma mansoni histone acetyltransferase GCN5: linking histone acetylation to gene activation. Molecular and Biochemical Parasitology, 2004, 133, 131-135.	0.5	28
140	Kosmotropic Salt Activation and Substrate Specificity of Poliovirus Protease 3Câ€. Biochemistry, 2006, 45, 12083-12089.	1.2	28
141	Proteolytic specificity of two hemorrhagic factors, LHF-I and LHF-II, isolated from the venom of the bushmaster snake (Lachesis muta muta). Toxicon, 1995, 33, 1061-1069.	0.8	27
142	The C-terminus of murine S100A9 inhibits hyperalgesia and edema induced by jararhagin. Peptides, 2004, 25, 81-89.	1.2	27
143	The role of kinin B₁ and B₂ receptors in the scratching behaviour induced by proteinaseâ€activated receptorâ€2 agonists in mice. British Journal of Pharmacology, 2010, 159, 888-897.	2.7	27
144	Structureâ€“activity relationships of hypervalent organochalcogenanes as inhibitors of cysteine cathepsins V and S. Bioorganic and Medicinal Chemistry, 2011, 19, 2009-2014.	1.4	27

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145	Internally quenched fluorescent peptide libraries with randomized sequences designed to detect endopeptidases. Analytical Biochemistry, 2012, 421, 299-307.	1.1	27
146	The effect of pH on tachyphylaxis to angiotensin peptides in the isolated guinea pig ileum and rat uterus. European Journal of Pharmacology, 1974, 25, 191-196.	1.7	26
147	Analysis of the S2 subsite specificities of the recombinant cysteine proteinases CPB of Leishmania mexicana, and cruzain of Trypanosoma cruzi, using fluorescent substrates containing non-natural basic amino acids. Molecular and Biochemical Parasitology, 2001, 117, 137-143.	0.5	26
148	Amidolytic activity of prostatic acid phosphatase on human semenogelins and semenogelin-derived synthetic substrates. FEBS Journal, 2002, 269, 390-395.	0.2	26
149	Modeling the Trypanosoma cruzi Tc85-11 protein and mapping the laminin-binding site. Biochemical and Biophysical Research Communications, 2004, 325, 612-618.	1.0	26
150	Interface between breast cancer cells and the tumor microenvironment using platelet-rich plasma to promote tumor angiogenesis - influence of platelets and fibrin bundles on the behavior of breast tumor cells. Oncotarget, 2017, 8, 16851-16874.	0.8	26
151	Conformations of synthetic tetradecapeptide renin substrate and of angiotensin I in aqueous solution. Biochemistry, 1977, 16, 2606-2611.	1.2	25
152	Ionization constants and thermodynamic parameters of histidine and derivatives. Bioorganic Chemistry, 1983, 12, 34-44.	2.0	25
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