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List of Publications by Year
in descending order

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89 papers	2,169 citations	218381 26 h-index	276539 41 g-index
91 all docs	91 docs citations	91 times ranked	2116 citing authors

#	Article	IF	Citations
1	Disclosing the involvement of proteases in an eczema murine animal model: Perspectives for protease inhibitor-based therapies. Biochimie, 2022, 194, 1-12.	1.3	2
2	A versatile inhibitor of digestive enzymes in Aedes aegypti larvae selected from a pacifastin (TiPI) phage display library. Biochemical and Biophysical Research Communications, 2022, 590, 139-144.	1.0	1
3	Bioengineering of an elastase inhibitor from Caesalpinia echinata (Brazil wood) seeds. Phytochemistry, 2021, 182, 112595.	1.4	2
4	Proteolytic activity of Triatoma infestans saliva associated with PAR-2 activation and vasodilation. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200098.	0.8	5
5	The first characterization of a cystatin and a cathepsin L-like peptidase from Aedes aegypti and their possible role in DENV infection by the modulation of apoptosis. International Journal of Biological Macromolecules, 2020, 146, 141-149.	3.6	4
6	Kinetic characterization of a novel cysteine peptidase from the protozoan Babesia bovis, a potential target for drug design. Biochimie, 2020, 179, 127-134.	1.3	6
7	A physiologic overview of the organ-specific transcriptome of the cattle tick Rhipicephalus microplus. Scientific Reports, 2020, 10, 18296.	1.6	23
8	A novel type 1 cystatin involved in the regulation of Rhipicephalus microplus midgut cysteine proteases. Ticks and Tick-borne Diseases, 2020, 11, 101374.	1.1	15
9	Blood anticlotting activity of a Rhipicephalus microplus cathepsin L-like enzyme. Biochimie, 2019, 163, 12-20.	1.3	14
10	rBmTI-6 attenuates pathophysiological and inflammatory parameters of induced emphysema in mice. International Journal of Biological Macromolecules, 2018, 111, 1214-1221.	3.6	5
11	Examination of biochemical and biological activities of Bothrops jararaca (Serpentes: Viperidae;) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	7
12	Functional characterization of a serine protease inhibitor modulated in the infection of the Aedes aegypti with dengue virus. Biochimie, 2018, 144, 160-168.	1.3	10
13	Baccharis dracunculifolia (Asteraceae) essential oil toxicity to Culex quinquefasciatus (Culicidae). Environmental Science and Pollution Research, 2018, 25, 31718-31726.	2.7	20
14	Paracoccidioides brasiliensis induces cytokine secretion in epithelial cells in a protease-activated receptor-dependent (PAR) manner. Medical Microbiology and Immunology, 2017, 206, 149-156.	2.6	9
15	Characterization of a novel cystatin type 2 from Rhipicephalus microplus midgut. Biochimie, 2017, 140, 117-121.	1.3	8
16	High-resolution structure of a Kazal-type serine protease inhibitor from the dengue vectorAedes aegypti. Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 469-475.	0.4	4
17	Differential transcript profile of inhibitors with potential anti-venom role in the liver of juvenile and adultBothrops jararacasnake. PeerJ, 2017, 5, e3203.	0.9	5
18	Protease Inhibitors Extracted fromCaesalpinia echinataLam. Affect Kinin Release during Lung Inflammation. Pulmonary Medicine, 2016, 2016, 1-9.	0.5	4

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19	Bovine pancreatic trypsin inhibitor immobilized onto sepharose as a new strategy to purify a thermostable alkaline peptidase from cobia (Rachycentron canadum) processing waste. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 210-217.	1.2	9
20	A new antimicrobial protein from the anterior midgut of Triatoma infestans mediates Trypanosoma cruzi establishment by controlling the microbiota. Biochimie, 2016, 123, 138-143.	1.3	29
21	BmTI-A, a Kunitz type inhibitor from Rhipicephalus microplus able to interfere in vessel formation. Veterinary Parasitology, 2016, 219, 44-52.	0.7	22
22	Production of serine protease inhibitors by mutagenesis and their effects on the mortality of Aedes aegypti L. larvae. Parasites and Vectors, 2015, 8, 511.	1.0	2
23	A Kazal-type inhibitor is modulated by Trypanosoma cruzi to control microbiota inside the anterior midgut of Rhodnius prolixus. Biochimie, 2015, 112, 41-48.	1.3	28
24	Cloning, Characterization and Anti-Inflammatory Properties of Bothrops jararaca Snake Antithrombin. Protein and Peptide Letters, 2015, 22, 410-418.	0.4	2
25	A Treatment with a Protease Inhibitor Recombinant from the Cattle Tick (Rhipicephalus Boophilus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	26
26	An Insight into the Transcriptome of the Digestive Tract of the Bloodsucking Bug, Rhodnius prolixus. PLoS Neglected Tropical Diseases, 2014, 8, e2594.	1.3	184
27	Rmcystatin3, a cysteine protease inhibitor from Rhipicephalus microplus hemocytes involved in immune response. Biochimie, 2014, 106, 17-23.	1.3	18
28	RmKK, a tissue kallikrein inhibitor from Rhipicephalus microplus eggs. Biochemical and Biophysical Research Communications, 2014, 449, 69-73.	1.0	7
29	The anti-inflammatory action of Bothrops jararaca snake antithrombin on acute inflammation induced by carrageenan in mice. Inflammation Research, 2013, 62, 733-742.	1.6	2
30	Selective inhibitors of digestive enzymes from Aedes aegypti larvae identified byÂphage display. Insect Biochemistry and Molecular Biology, 2013, 43, 9-16.	1.2	8
31	Proteomic Analysis of the Ontogenetic Variability in Plasma Composition of Juvenile and AdultBothrops jararacaSnakes. International Journal of Proteomics, 2013, 2013, 1-9.	2.0	10
32	Differential Expression Profiles in the Midgut of Triatoma infestans Infected with Trypanosoma cruzi. PLoS ONE, 2013, 8, e61203.	1.1	39
33	Biochemical Aspects of a Serine Protease fromCaesalpinia echinataLam. (Brazilwood) Seeds: A Potential Tool to Access the Mobilization of Seed Storage Proteins. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	8
34	Expression and functional characterization of boophilin, a thrombin inhibitor from Rhipicephalus (Boophilus) microplus midgut. Veterinary Parasitology, 2012, 187, 521-528.	0.7	37
35	The Kazal-type inhibitors infestins 1 and 4 differ in specificity but are similar in three-dimensional structure. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 695-702.	2.5	24
36	Crystallization and preliminary crystallographic characterization of the N-terminal Kunitz domain of boophilin. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 436-439.	0.7	3

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37	Molecular characterization of genes encoding trypsin-like enzymes from Aedes aegypti larvae and identification of digestive enzymes. Gene, 2011, 489, 70-75.	1.0	27
38	Characterization of thrombin inhibitory mechanism of rAaTI, a Kazal-type inhibitor from Aedes aegypti with anticoagulant activity. Biochimie, 2011, 93, 618-623.	1.3	22
39	Tigutcystatin, a cysteine protease inhibitor from Triatoma infestans midgut expressed in response to Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2011, 413, 241-247.	1.0	14
40	The first serine protease inhibitor from Lasiodora sp. (Araneae: Theraphosidae) hemocytes. Process Biochemistry, 2011, 46, 2317-2321.	1.8	11
41	Boophilus microplus cathepsin L-like (BmCL1) cysteine protease: Specificity study using a peptide phage display library. Veterinary Parasitology, 2011, 181, 291-300.	0.7	20
42	Influence of the intestinal anticoagulant in the feeding performance of triatomine bugs (Hemiptera;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	15
43	Infestin 1R, an intestinal subtilisin inhibitor from Triatoma infestans able to impair mammalian cell invasion by Trypanosoma cruzi. Experimental Parasitology, 2011, 129, 362-367.	0.5	5
44	A New Phage-Display Tumor-Homing Peptide Fused to Antiangiogenic Peptide Generates a Novel Bioactive Molecule with Antimelanoma Activity. Molecular Cancer Research, 2011, 9, 1471-1478.	1.5	34
45	Depletion of plasma albumin for proteomic analysis of Bothrops jararaca snake plasma. Journal of Biomolecular Techniques, 2011, 22, 67-73.	0.8	4
46	Validation of a Phage Display Method for Protease Inhibitor Selection Using SFTI and HiTI Synthetic Hybrid Peptides. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 829-835.	0.6	3
47	A novel melanoma-targeting peptide screened by phage display exhibits antitumor activity. Journal of Molecular Medicine, 2010, 88, 1255-1264.	1.7	29
48	Biochemical characterization of a Kunitz type inhibitor similar to dendrotoxins produced by Rhipicephalus (Boophilus) microplus (Acari: Ixodidae) hemocytes. Veterinary Parasitology, 2010, 167, 279-287.	0.7	25
49	Thrombin Inhibitors from Different Animals. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	31
50	Characterization of proteinases from the midgut of Rhipicephalus (Boophilus) microplus involved in the generation of antimicrobial peptides. Parasites and Vectors, 2010, 3, 63.	1.0	42
51	A novel trypsin Kazal-type inhibitor from Aedes aegypti with thrombin coagulant inhibitory activity. Biochimie, 2010, 92, 933-939.	1.3	34
52	The first pacifastin elastase inhibitor characterized from a blood sucking animal. Peptides, 2010, 31, 1280-1286.	1.2	14
53	rBmTI-6, a Kunitz-BPTI domain protease inhibitor from the tick Boophilus microplus, its cloning, expression and biochemical characterization. Veterinary Parasitology, 2008, 155, 133-141.	0.7	31
54	BmSI-7, a novel subtilisin inhibitor from Boophilus microplus, with activity toward Pr1 proteases from the fungus Metarhizium anisopliae. Experimental Parasitology, 2008, 118, 214-220.	0.5	43

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55	Bothrops jararaca fibrinogen and its resistance to hydrolysis evoked by snake venoms. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 428-432.	0.7	8
56	Cathepsin V, but not cathepsins L, B and K, may release angiostatin-like fragments from plasminogen. Biological Chemistry, 2008, 389, 195-200.	1.2	16
57	Characterization and comparative 3D modeling of CmPI-II, a novel â€˜non-classicalâ€™ Kazal-type inhibitor from the marine snail Cenchritis muricatus (Mollusca). Biological Chemistry, 2007, 388, 1183-94.	1.2	23
58	Purification and partial characterization of human neutrophil elastase inhibitors from the marine snail Cenchritis muricatus (Mollusca). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, 506-513.	0.8	23
59	Brasiliensin: A novel intestinal thrombin inhibitor from Triatoma brasiliensis (Hemiptera: Reduviidae) with an important role in blood intake. International Journal for Parasitology, 2007, 37, 1351-1358.	1.3	51
60	An unexpected inhibitory activity of Kunitz-type serine proteinase inhibitor derived from Boophilus microplus trypsin inhibitor on cathepsin L. Biochemical and Biophysical Research Communications, 2006, 341, 266-272.	1.0	16
61	Purification of a phospholipase A2 from Lonomia obliqua caterpillar bristle extract. Biochemical and Biophysical Research Communications, 2006, 342, 1027-1033.	1.0	28
62	Bmcystatin, a cysteine proteinase inhibitor characterized from the tick Boophilus microplus. Biochemical and Biophysical Research Communications, 2006, 347, 44-50.	1.0	43
63	The full-length cDNA ofÂanticoagulant protein infestin revealed aÂnovel releasable Kazal domain, aÂneutrophil elastase inhibitor lacking anticoagulant activity. Biochimie, 2006, 88, 673-681.	1.3	43
64	Ixodidin, a novel antimicrobial peptide from the hemocytes of the cattle tick Boophilus microplus with inhibitory activity against serine proteinases. Peptides, 2006, 27, 667-674.	1.2	116
65	The role of HiTI, a serine protease inhibitor from Haematobia irritans irritans (Diptera: Muscidae) in the control of fly and bacterial proteases. Experimental Parasitology, 2005, 111, 30-36.	0.5	12
66	Cloning, expression and characterization of Bauhinia variegata trypsin inhibitor BvTI. Biological Chemistry, 2005, 386, 1185-9.	1.2	11
67	Purification, characterization, and cloning of a serine proteinase inhibitor from the ectoparasite Haematobia irritans irritans (Diptera: Muscidae). Experimental Parasitology, 2004, 106, 103-109.	0.5	15
68	Crystallization, data collection and phasing of infestin 4, a factor XIIa inhibitor. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 2051-2053.	2.5	7
69	Boophilus microplus tick larvae, a rich source of Kunitz type serine proteinase inhibitors. Biochimie, 2004, 86, 643-649.	1.3	49
70	Identification and characterization of a novel factor XIIa inhibitor in the hematophagous insect,Triatoma infestans(Hemiptera: Reduviidae). FEBS Letters, 2004, 577, 512-516.	1.3	64
71	Characterization of Bothrops jararaca coagulation inhibitor (BjI) and presence of similar protein in plasma of other animals. Toxicon, 2004, 44, 289-294.	0.8	10
72	Effect of invertebrate serine proteinase inhibitors on carrageenan-induced pleural exudation and bradykinin release. International Immunopharmacology, 2004, 4, 1401-1408.	1.7	4

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73	Evaluation of phage display system and leech-derived tryptase inhibitor as a tool for understanding the serine proteinase specificities. Archives of Biochemistry and Biophysics, 2004, 425, 87-94.	1.4	18
74	Molecular evolution of Bowmanâ€“Birk type proteinase inhibitors in flowering plants. Molecular Phylogenetics and Evolution, 2003, 27, 103-112.	1.2	70
75	Rhipicephalus sanguineus trypsin inhibitors present in the tick larvae: isolation, characterization, and partial primary structure determination. Archives of Biochemistry and Biophysics, 2003, 417, 176-182.	1.4	24
76	A new blood coagulation inhibitor from the snake Bothrops jararaca plasma: isolation and characterization. Biochemical and Biophysical Research Communications, 2003, 308, 706-712.	1.0	18
77	BmTI antigens induce a bovine protective immune response against Boophilus microplus tick. International Immunopharmacology, 2002, 2, 557-563.	1.7	68
78	Infestin, a thrombin inhibitor presents in Triatoma infestans midgut, a Chagasâ€™ disease vector: gene cloning, expression and characterization of the inhibitor. Insect Biochemistry and Molecular Biology, 2002, 32, 991-997.	1.2	83
79	Triapsin, an unusual activatable serine protease from the saliva of the hematophagous vector of Chagas' disease Triatoma infestans (Hemiptera: Reduviidae). Insect Biochemistry and Molecular Biology, 2001, 31, 465-472.	1.2	52
80	Serine proteinase inhibitors from eggs and larvae of tick Boophilus microplus: purification and biochemical characterization. The Protein Journal, 2001, 20, 337-343.	1.1	25
81	Purification of porcine plasma factor VIII using chromatographic methods. Biotechnology Letters, 2000, 22, 257-260.	1.1	4
82	Purification and characterization of a trypsin-like enzyme with fibrinolytic activity present in the abdomen of horn fly, Haematobia irritans irritans (Diptera: Muscidae). The Protein Journal, 2000, 19, 515-521.	1.1	24
83	A double headed serine proteinase inhibitor â€” human plasma kallikrein and elastase inhibitor â€” from Boophilus microplus larvae. Immunopharmacology, 1999, 45, 171-177.	2.0	72
84	Functional phage display of leech-derived tryptase inhibitor (LDTI): construction of a library and selection of thrombin inhibitors. FEBS Letters, 1999, 458, 11-16.	1.3	37
85	Purification and Primary Structure Determination of a Bowman-Birk Trypsin Inhibitor from Torresea cearensis Seeds. Biological Chemistry, 1997, 378, 273-81.	1.2	36
86	Sequence of a new Bowman-Birk inhibitor fromTorresea acreana seeds and comparison withTorresea cearensis trypsin inhibitor (TcTI2). The Protein Journal, 1996, 15, 553-560.	1.1	12
87	Bauhinia serine proteinase inhibitors: effect on factor X, factor XII and plasma kallikrein. Immunopharmacology, 1996, 32, 85-87.	2.0	26
88	Plant serine proteinase inhibitors. Structure and biochemical applications on plasma kallikrein and related enzymes. Immunopharmacology, 1996, 32, 62-66.	2.0	36
89	Functional Display and Expression of Chicken Cystatin Using a Phagemid System. Biochemical and Biophysical Research Communications, 1995, 214, 389-395.	1.0	19