# Adriana K Carmona

## List of Publications by Year in Descending Order



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| 153 papers | 3,199 citations | 30 h-index | 47 g-index |
| 156 ext. papers | 3,554 ext. citations | 4.7 avg, IF | 4.47 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 153 | Cathepsin K inhibitors based on 2-amino-1,3,4-oxadiazole derivatives. *Bioorganic Chemistry*, **2021**, 109, 104662 | 5.1 | 1 |
| 152 | Sugarcane cystatins: From discovery to biotechnological applications. *International Journal of Biological Macromolecules*, **2021**, 167, 676-686 | 7.9 | 4 |
| 151 | Recombinant expression, characterization and phylogenetic studies of novels cystatins-like proteins of sweet orange (Citrus sinensis) and clementine (Citrus clementina). *International Journal of Biological Macromolecules*, **2020**, 152, 546-553 | 7.9 | 4 |
| 150 | Gene expression studies and molecular characterization of a cathepsin L-like from the Asian citrus psyllid Diaphorina citri, vector of Huanglongbing. *International Journal of Biological Macromolecules* , **2020**, 158, 375-383 | 7.9 | 0 |
| 149 | Human plasma plasminogen internalization route in Plasmodium falciparum-infected erythrocytes. *Malaria Journal*, **2020**, 19, 302 | 3.6 | 1 |
| 148 | Interactions between carboxypeptidase M and kinin B1 receptor in endothelial cells. *Inflammation Research*, **2019**, 68, 845-855 | 7.2 | 4 |
| 147 | Improvement of antimalarial activity of a 3-alkylpiridine alkaloid analog by replacing the pyridine ring to a thiazole-containing heterocycle: Mode of action, mutagenicity profile, and Caco-2 cell-based permeability. *European Journal of Pharmaceutical Sciences*, **2019**, 138, 105015 | 5.1 | 7 |
| 146 | Potent and selective inhibitors for M32 metallocarboxypeptidases identified from high-throughput screening of anti-kinetoplastid chemical boxes. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007560 | 4.8 | 2 |
| 145 | Malaria infection promotes a selective expression of kinin receptors in murine liver. *Malaria Journal* , **2019**, 18, 213 | 3.6 | 7 |
| 144 | Inhibition of Plasmodium falciparum cysteine proteases by the sugarcane cystatin CaneCPI-4. *Parasitology International*, **2018**, 67, 233-236 | 2.1 | 12 |
| 143 | Substrate specificity profiling of M32 metallocarboxypeptidases from Trypanosoma cruzi and Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2018**, 219, 10-16 | 1.9 | 4 |
| 142 | Leishmanicidal and Immunomodulatory Activities of the Palladacycle Complex DPPE 1.1, a Potential Candidate for Treatment of Cutaneous Leishmaniasis. *Frontiers in Microbiology*, **2018**, 9, 1427 | 5.7 | 7 |
| 141 | Biological and In silico Studies on Synthetic Analogues of Tyrosine Betaine as Inhibitors of Neprilysin - A Drug Target for the Treatment of Heart Failure. *Current Pharmaceutical Design*, **2018**, 24, 1899-1904 | 3.3 | 1 |
| 140 | Plasmodium falciparum histidine triad protein and calmodulin modulates calcium homeostasis and intracellular proteolysis. *Biochemical and Biophysical Research Communications*, **2018**, 503, 722-728 | 3.4 | 1 |
| 139 | High aminopeptidase A activity contributes to blood pressure control in mice by AT receptor-dependent mechanism. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H437-H445 | 5.2 | 7 |
| 138 | Paracoccidioides brasiliensis induces cytokine secretion in epithelial cells in a protease-activated receptor-dependent (PAR) manner. *Medical Microbiology and Immunology*, **2017**, 206, 149-156 | 4 | 6 |
| 137 | KBE009: An antimalarial bestatin-like inhibitor of the Plasmodium falciparum M1 aminopeptidase discovered in an Ugi multicomponent reaction-derived peptidomimetic library. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 4628-4636 | 3.4 | 10 |

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| 136 | Hypervalent organotellurium compounds as inhibitors of P. falciparum calcium-dependent cysteine proteases. *Parasitology International*, **2016**, 65, 20-22 | 2.1 | 13 |
| 135 | Paramagnetic bradykinin analogues as substrates for angiotensin I-converting enzyme: Pharmacological and conformation studies. *Bioorganic Chemistry*, **2016**, 69, 159-166 | 5.1 | 3 |
| 134 | The effect of structural motifs on the ectodomain shedding of human angiotensin-converting enzyme. *Biochemical and Biophysical Research Communications*, **2016**, 481, 111-116 | 3.4 | 5 |
| 133 | Expression and inactivation of osteopontin-degrading PHEX enzyme in squamous cell carcinoma. *International Journal of Biochemistry and Cell Biology*, **2016**, 77, 155-164 | 5.6 | 5 |
| 132 | Inhibition of malaria parasite Plasmodium falciparum development by crotamine, a cell penetrating peptide from the snake venom. *Peptides*, **2016**, 78, 11-6 | 3.8 | 32 |
| 131 | Calmidazolium evokes high calcium fluctuations in Plasmodium falciparum. *Cellular Signalling*, **2016**, 28, 125-135 | 4.9 | 3 |
| 130 | Angiotensin Converting Enzyme Regulates Cell Proliferation and Migration. *PLoS ONE*, **2016**, 11, e0165371 | 3.7 | 22 |
| 129 | PnPP-19, a spider toxin peptide, induces peripheral antinociception through opioid and cannabinoid receptors and inhibition of neutral endopeptidase. *British Journal of Pharmacology*, **2016**, 173, 1491-501 | 8.6 | 18 |
| 128 | TLR4-mediated immunomodulatory properties of the bacterial metalloprotease arazyme in preclinical tumor models. *OncoImmunology*, **2016**, 5, e1178420 | 7.2 | 4 |
| 127 | Corneal angiogenesis modulation by cysteine cathepsins: In´vitro and in´vivo studies. *Experimental Eye Research*, **2015**, 134, 39-46 | 3.7 | 7 |
| 126 | Specific calpain activity evaluation in Plasmodium parasites. *Analytical Biochemistry*, **2015**, 468, 22-7 | 3.1 | 4 |
| 125 | Characterization of a Recombinant Cathepsin B-Like Cysteine Peptidase from Diaphorina citri Kuwayama (Hemiptera: Liviidae): A Putative Target for Control of Citrus Huanglongbing. *PLoS ONE*, **2015**, 10, e0145132 | 3.7 | 9 |
| 124 | Characterization of angiotensin I-converting enzyme from anterior gills of the mangrove crab Ucides cordatus. *International Journal of Biological Macromolecules*, **2015**, 74, 304-9 | 7.9 | 0 |
| 123 | Sex Hormones Promote Opposite Effects on ACE and ACE2 Activity, Hypertrophy and Cardiac Contractility in Spontaneously Hypertensive Rats. *PLoS ONE*, **2015**, 10, e0127515 | 3.7 | 68 |
| 122 | Conformational Properties of Seven Toac-Labeled Angiotensin I Analogues Correlate with Their Muscle Contraction Activity and Their Ability to Act as ACE Substrates. *PLoS ONE*, **2015**, 10, e0136608 | 3.7 | 4 |
| 121 | Plasmodium falciparum proteases hydrolyze plasminogen, generating angiostatin-like fragments. *Molecular and Biochemical Parasitology*, **2014**, 193, 45-54 | 1.9 | 8 |
| 120 | A natural bacterial-derived product, the metalloprotease arazyme, inhibits metastatic murine melanoma by inducing MMP-8 cross-reactive antibodies. *PLoS ONE*, **2014**, 9, e96141 | 3.7 | 6 |
| 119 | ANG-(3-4) inhibits renal Na+-ATPase in hypertensive rats through a mechanism that involves dissociation of ANG II receptors, heterodimers, and PKA. *American Journal of Physiology - Renal Physiology*, **2014**, 306, F855-63 | 4.3 | 17 |

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| 118 | Cytosolic flagellin-induced lysosomal pathway regulates inflammasome-dependent and -independent macrophage responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E3321-30 | 11.5 | 38 |
| 117 | Substrate specificity studies of the cysteine peptidases falcipain-2 and falcipain-3 from Plasmodium falciparum and demonstration of their kininogenase activity. *Molecular and Biochemical Parasitology*, **2013**, 187, 111-6 | 1.9 | 13 |
| 116 | Human tissue kallikreins 3 and 5 can act as plasminogen activator releasing active plasmin. *Biochemical and Biophysical Research Communications*, **2013**, 433, 333-7 | 3.4 | 12 |
| 115 | Effects of light exposure, pH, osmolarity, and solvent on the retinal pigment epithelial toxicity of vital dyes. *American Journal of Ophthalmology*, **2013**, 155, 705-12, 712.e1 | 4.9 | 13 |
| 114 | Proteolytic processing of osteopontin by PHEX and accumulation of osteopontin fragments in Hyp mouse bone, the murine model of X-linked hypophosphatemia. *Journal of Bone and Mineral Research*, **2013**, 28, 688-99 | 6.3 | 89 |
| 113 | The chronic blockade of angiotensin I-converting enzyme eliminates the sex differences of serum cytokine levels of spontaneously hypertensive rats. *Brazilian Journal of Medical and Biological Research*, **2013**, 46, 171-7 | 2.8 | 16 |
| 112 | Characterization of the M32 metallocarboxypeptidase of Trypanosoma brucei: differences and similarities with its orthologue in Trypanosoma cruzi. *Molecular and Biochemical Parasitology*, **2012**, 184, 63-70 | 1.9 | 12 |
| 111 | Characterization of angiotensin I-converting enzyme N-domain selectivity using positional-scanning combinatorial libraries of fluorescence resonance energy transfer peptides. *Biological Chemistry*, **2012**, 393, 1547-54 | 4.5 | 1 |
| 110 | Role of chymase in diabetic nephropathy. *Experimental Biology and Medicine*, **2012**, 237, 985-92 | 3.7 | 15 |
| 109 | Chlorhexidine inhibits the activity of dental cysteine cathepsins. *Journal of Dental Research*, **2012**, 91, 420-5 | 8.1 | 145 |
| 108 | Association between circulating angiotensin-converting enzyme and exercise-induced pulmonary haemorrhage in Thoroughbred racehorses. *Research in Veterinary Science*, **2012**, 93, 993-4 | 2.5 | 3 |
| 107 | Identification of a metallopeptidase with TOP-like activity in Paracoccidioides brasiliensis, with increased expression in a virulent strain. *Medical Mycology*, **2012**, 50, 81-90 | 3.9 | 3 |
| 106 | Intracellular proteolysis of kininogen by malaria parasites promotes release of active kinins. *Malaria Journal*, **2012**, 11, 156 | 3.6 | 21 |
| 105 | Exposure of luminal membranes of LLC-PK1 cells to ANG II induces dimerization of AT1/AT2 receptors to activate SERCA and to promote Ca2+ mobilization. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F875-83 | 4.3 | 16 |
| 104 | Carbamazepine inhibits angiotensin I-converting enzyme, linking it to the pathogenesis of temporal lobe epilepsy. *Translational Psychiatry*, **2012**, 2, e93 | 8.6 | 13 |
| 103 | Cysteine cathepsin S processes leptin, inactivating its biological activity. *Journal of Endocrinology*, **2012**, 214, 217-24 | 4.7 | 9 |
| 102 | Recombinant expression and characterization of a cysteine peptidase from Xanthomonas citri subsp citri. *Genetics and Molecular Research*, **2012**, 11, 4043-57 | 1.2 | 6 |
| 101 | Heparin affects the interaction of kininogen on endothelial cells. *Biochimie*, **2011**, 93, 1839-45 | 4.6 | 5 |

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| 100 | Determination of angiotensin I-converting enzyme activity in equine blood: lack of agreement between methods of analysis. *Journal of Veterinary Science*, **2011**, 12, 21-5 | 1.6 | 8 |
| 99 | Phenolic compounds in raw and cooked rice (Oryza sativa L.) and their inhibitory effect on the activity of angiotensin I-converting enzyme. *Journal of Cereal Science*, **2011**, 54, 236-240 | 3.8 | 42 |
| 98 | Digestive physiology and characterization of digestive cathepsin L-like proteinase from the sugarcane weevil Sphenophorus levis. *Journal of Insect Physiology*, **2011**, 57, 462-8 | 2.4 | 16 |
| 97 | Boophilus microplus cathepsin L-like (BmCL1) cysteine protease: specificity study using a peptide phage display library. *Veterinary Parasitology*, **2011**, 181, 291-300 | 2.8 | 20 |
| 96 | ACE activity is modulated by the enzyme □galactosidase A. *Journal of Molecular Medicine*, **2011**, 89, 65-74 | 5.5 | 14 |
| 95 | Biochemical characterization of a cysteine proteinase from Bauhinia forficata leaves and its kininogenase activity. *Process Biochemistry*, **2011**, 46, 572-578 | 4.8 | 6 |
| 94 | Angiotensin II binding to angiotensin I-converting enzyme triggers calcium signaling. *Hypertension*, **2011**, 57, 965-72 | 8.5 | 29 |
| 93 | Aerobic exercise training-induced left ventricular hypertrophy involves regulatory MicroRNAs, decreased angiotensin-converting enzyme-angiotensin ii, and synergistic regulation of angiotensin-converting enzyme 2-angiotensin (1-7). *Hypertension*, **2011**, 58, 182-9 | 8.5 | 161 |
| 92 | Angiotensin I-converting enzyme (ACE) activity and expression in rat central nervous system after sleep deprivation. *Biological Chemistry*, **2011**, 392, 547-53 | 4.5 | 4 |
| 91 | Plasminogen hydrolysis by cathepsin S and identification of derived peptides as selective substrate for cathepsin V and cathepsin L inhibitor. *Biological Chemistry*, **2010**, 391, 561-70 | 4.5 | 6 |
| 90 | Immunochemical and biological characterization of monoclonal antibodies against BaP1, a metalloproteinase from Bothrops asper snake venom. *Toxicon*, **2010**, 56, 1059-65 | 2.8 | 22 |
| 89 | Spectroscopic and structural analysis of somatic and N-domain angiotensin I-converting enzyme isoforms from mesangial cells from Wistar and spontaneously hypertensive rats. *International Journal of Biological Macromolecules*, **2010**, 47, 238-43 | 7.9 | 3 |
| 88 | Improvement of cathepsin S detection using a designed FRET peptide based on putative natural substrates. *Peptides*, **2010**, 31, 562-7 | 3.8 | 14 |
| 87 | High sucrose intake in rats is associated with increased ACE2 and angiotensin-(1-7) levels in the adipose tissue. *Regulatory Peptides*, **2010**, 162, 61-7 | | 31 |
| 86 | Kinetic characterization of the Escherichia coli oligopeptidase A (OpdA) and the role of the Tyr(607) residue. *Archives of Biochemistry and Biophysics*, **2010**, 500, 131-6 | 4.1 | 5 |
| 85 | Cathepsin X is secreted by human osteoblasts, digests CXCL-12 and impairs adhesion of hematopoietic stem and progenitor cells to osteoblasts. *Haematologica*, **2010**, 95, 1452-60 | 6.6 | 39 |
| 84 | ACE2-angiotensin-(1-7)-Mas axis in renal ischaemia/reperfusion injury in rats. *Clinical Science*, **2010**, 119, 385-94 | 6.5 | 75 |
| 83 | Leptin regulates ACE activity in mice. *Journal of Molecular Medicine*, **2010**, 88, 899-907 | 5.5 | 21 |

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| 82 | Plasma Kallikrein and Angiotensin I-converting enzyme N- and C-terminal domain activities are modulated by the insertion/deletion polymorphism. *Neuropeptides*, **2010**, 44, 139-43 | 3.3 | 23 |
| 81 | Myelopoiesis modulation by ACE hyperfunction in kinin B(1) receptor knockout mice: relationship with AcSDKP levels. *Chemico-Biological Interactions*, **2010**, 184, 388-95 | 5 | 7 |
| 80 | Extreme subcutaneous, intramuscular and inhaled insulin resistance treated by pancreas transplantation alone. *American Journal of Transplantation*, **2010**, 10, 184-8 | 8.7 | 4 |
| 79 | Involvement of heparan sulfate proteoglycans in cellular uptake of high molecular weight kininogen. *Biological Chemistry*, **2009**, 390, 145-55 | 4.5 | 8 |
| 78 | Cathepsin X cleaves the beta2 cytoplasmic tail of LFA-1 inducing the intermediate affinity form of LFA-1 and alpha-actinin-1 binding. *European Journal of Immunology*, **2009**, 39, 3217-27 | 6.1 | 18 |
| 77 | Catalytic properties of recombinant dipeptidyl carboxypeptidase from Escherichia coli: a comparative study with angiotensin I-converting enzyme. *Biological Chemistry*, **2009**, 390, 931-40 | 4.5 | 4 |
| 76 | A scrutiny of the biochemical pathways from Ang II to Ang-(3-4) in renal basolateral membranes. *Regulatory Peptides*, **2009**, 158, 47-56 | | 13 |
| 75 | The use of Fluorescence Resonance Energy Transfer (FRET) peptides for measurement of clinically important proteolytic enzymes. *Anais Da Academia Brasileira De Ciencias*, **2009**, 81, 381-92 | 1.4 | 17 |
| 74 | The critical interaction of the metallopeptidase PHEX with heparan sulfate proteoglycans. *International Journal of Biochemistry and Cell Biology*, **2008**, 40, 2781-92 | 5.6 | 4 |
| 73 | Inhibitory effect of the sugarcane cystatin CaneCPI-4 on cathepsins B and L and human breast cancer cell invasion. *Biological Chemistry*, **2008**, 389, 447-53 | 4.5 | 21 |
| 72 | ACE activity is modulated by kinin B2 receptor. *Hypertension*, **2008**, 51, 689-95 | 8.5 | 32 |
| 71 | Cathepsin V, but not cathepsins L, B and K, may release angiostatin-like fragments from plasminogen. *Biological Chemistry*, **2008**, 389, 195-200 | 4.5 | 15 |
| 70 | Índice de dissincronia ventricular: comparação com a fração de ejeção bidimensional e tridimensional. *Arquivos Brasileiros De Cardiologia*, **2008**, 91, 156-162 | 1.2 | 6 |
| 69 | Production of a His-tagged canecystatin in transgenic sugarcane and subsequent purification. *Biotechnology Progress*, **2008**, 24, 1060-6 | 2.8 | 18 |
| 68 | 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 | 42.1 | 33 |
| 67 | Determination of angiotensin I-converting enzyme activity in cell culture using fluorescence resonance energy transfer peptides. *Analytical Biochemistry*, **2007**, 363, 255-62 | 3.1 | 13 |
| 66 | Analogues containing the paramagnetic amino acid TOAC as substrates for angiotensin I-converting enzyme. *FEBS Letters*, **2007**, 581, 2411-5 | 3.8 | 10 |
| 65 | Neprilysin carboxydipeptidase specificity studies and improvement in its detection with fluorescence energy transfer peptides. *Biological Chemistry*, **2007**, 388, 447-55 | 4.5 | 18 |

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| 64 | Sympathetic and renin-angiotensin systems contribute to increased blood pressure in sucrose-fed rats. *American Journal of Hypertension*, **2007**, 20, 692-8 | 2.3 | 15 |
| 63 | C-Npys (S-3-nitro-2-pyridinesulfenyl) and peptide derivatives can inhibit a serine-thiol proteinase activity from Paracoccidioides brasiliensis. *Biochemical and Biophysical Research Communications*, **2007**, 355, 1000-5 | 3.4 | 2 |
| 62 | Expression of the selectable marker gene bsrm in BALB/MK cells induces apoptosis by overproduction of hydrogen peroxide. *Biochemistry and Cell Biology*, **2007**, 85, 573-81 | 3.6 | |
| 61 | Tissue-specific renin-angiotensin system in pulmonary lymphangioleiomyomatosis. *American Journal of Respiratory Cell and Molecular Biology*, **2006**, 35, 40-7 | 5.7 | 31 |
| 60 | Expression and localization of N-domain ANG I-converting enzymes in mesangial cells in culture from spontaneously hypertensive rats. *American Journal of Physiology - Renal Physiology*, **2006**, 290, F364-75 | 4.3 | 44 |
| 59 | Heparin modulation of human plasma kallikrein on different substrates and inhibitors. *Biological Chemistry*, **2006**, 387, 1129-38 | 4.5 | 18 |
| 58 | 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, 266-72 | 3.4 | 14 |
| 57 | Recombinant expression, purification, and functional analysis of two novel cystatins from sugarcane (Saccharum officinarum). *Protein Expression and Purification*, **2006**, 47, 483-9 | 2 | 30 |
| 56 | Role of the kallikrein-kinin system in Ang-(1-7)-induced vasodilation in mesenteric arterioles of Wistar rats studied in vivo-in situ. *Peptides*, **2006**, 27, 1770-5 | 3.8 | 20 |
| 55 | Recombinant expression and characterization of a Xylella fastidiosa cysteine protease differentially expressed in a nonpathogenic strain. *FEMS Microbiology Letters*, **2006**, 261, 187-93 | 2.9 | 11 |
| 54 | A high-throughput fluorimetric assay for angiotensin I-converting enzyme. *Nature Protocols*, **2006**, 1, 1961-4 | 18.8 | 40 |
| 53 | A continuous fluorescence resonance energy transfer angiotensin I-converting enzyme assay. *Nature Protocols*, **2006**, 1, 1971-6 | 18.8 | 71 |
| 52 | Modulation of the exocellular serine-thiol proteinase activity of Paracoccidioides brasiliensis by neutral polysaccharides. *Microbes and Infection*, **2006**, 8, 84-91 | 9.3 | 8 |
| 51 | Angiotensin I-converting enzyme inhibitor peptides derived from the endostatin-containing NC1 fragment of human collagen XVIII. *Biological Chemistry*, **2006**, 387, 611-6 | 4.5 | 8 |
| 50 | Defining the substrate specificity of mouse cathepsin P. *Archives of Biochemistry and Biophysics*, **2005**, 435, 190-6 | 4.1 | 8 |
| 49 | Cathepsin X binds to cell surface heparan sulfate proteoglycans. *Archives of Biochemistry and Biophysics*, **2005**, 436, 323-32 | 4.1 | 46 |
| 48 | Characterization of thimet- and neurolysin-like activities in Escherichia coli M 3 A peptidases and description of a specific substrate. *Archives of Biochemistry and Biophysics*, **2005**, 441, 25-34 | 4.1 | 7 |
| 47 | N-domain angiotensin-converting enzyme isoform expression in tissues of Wistar and spontaneously hypertensive rats. *Journal of Hypertension*, **2005**, 23, 1869-78 | 1.9 | 12 |

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| 46 | Human recombinant membrane-bound aminopeptidase P: production of a soluble form and characterization using novel, internally quenched fluorescent substrates. *Biochemical Journal*, **2005**, 385, 389-97 | 3.8 | 24 |
| 45 | The N domain of somatic angiotensin-converting enzyme negatively regulates ectodomain shedding and catalytic activity. *Biochemical Journal*, **2005**, 389, 739-44 | 3.8 | 39 |
| 44 | Characterization of arazyme, an exocellular metalloprotease isolated from Serratia proteamaculans culture medium. *Enzyme and Microbial Technology*, **2005**, 37, 574-581 | 3.8 | 24 |
| 43 | Cloning and expression of a functionally active truncated N-glycosylated KSHV ORF4/KCP/kaposica in the methylotrophic yeast Pichia pastoris. *Annals of the New York Academy of Sciences*, **2005**, 1056, 388-404 | 6.5 | 2 |
| 42 | Recombinant human cathepsin X is a carboxymonopeptidase only: a comparison with cathepsins B and L. *Biological Chemistry*, **2005**, 386, 1191-5 | 4.5 | 26 |
| 41 | A possible alternative mechanism of kinin generation in vivo by cathepsin L. *Biological Chemistry*, **2005**, 386, 699-704 | 4.5 | 15 |
| 40 | A continuous fluorescent assay for the determination of plasma and tissue angiotensin I-converting enzyme activity. *Brazilian Journal of Medical and Biological Research*, **2005**, 38, 861-8 | 2.8 | 50 |
| 39 | Plasma prekallikrein/kallikrein processing by lysosomal cysteine proteases. *Biological Chemistry*, **2004**, 385, 1087-91 | 4.5 | 9 |
| 38 | A proteinase inhibitor from Caesalpinia echinata (pau-brasil) seeds for plasma kallikrein, plasmin and factor XIIa. *Biological Chemistry*, **2004**, 385, 1083-6 | 4.5 | 22 |
| 37 | Carboxydipeptidase activities of recombinant cysteine peptidases. Cruzain of Trypanosoma cruzi and CPB of Leishmania mexicana. *FEBS Journal*, **2004**, 271, 1046-53 | | 22 |
| 36 | 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, 244-52 | 3.1 | 79 |
| 35 | Over expression of the selectable marker blasticidin S deaminase gene is toxic to human keratinocytes and murine BALB/MK cells. *BMC Biotechnology*, **2004**, 4, 29 | 3.5 | 2 |
| 34 | 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 substrates. *Biochemistry*, **2004**, 43, 15729-36 | 3.2 | 30 |
| 33 | The effect of post-translational modifications on the hemorrhagic activity of snake venom metalloproteinases. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2004**, 138, 23-32 | 3.2 | 12 |
| 32 | Specificity comparison of a serine endopeptidase (SH1) and a serine thiol endopeptidase (STH2) purified from human urine. *International Journal of Biochemistry and Cell Biology*, **2004**, 36, 1933-44 | 5.6 | 2 |
| 31 | Inhibitory selectivity of canecystatin: a recombinant cysteine peptidase inhibitor from sugarcane. *Biochemical and Biophysical Research Communications*, **2004**, 320, 1082-6 | 3.4 | 25 |
| 30 | Comparative substrate specificity analysis of recombinant human cathepsin V and cathepsin L. *Archives of Biochemistry and Biophysics*, **2004**, 430, 274-83 | 4.1 | 51 |
| 29 | Melanoma heterogeneity: differential, invasive, metastatic properties and profiles of cathepsin B, D and L activities in subclones of the B16F10-NEX2 cell line. *Melanoma Research*, **2004**, 14, 333-44 | 3.3 | 10 |

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|---|---|---|---|
| 28 | Structure and function of disease-causing missense mutations in the PHEX gene. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 2213-22 | 5.6 | 41 |
| 27 | Human recombinant endopeptidase PHEX has a strict S1Tspecificity for acidic residues and cleaves peptides derived from fibroblast growth factor-23 and matrix extracellular phosphoglycoprotein. *Biochemical Journal*, **2003**, 373, 271-9 | 3.8 | 89 |
| 26 | S3 to S3Tsubsite specificity of recombinant human cathepsin K and development of selective internally quenched fluorescent substrates. *Biochemical Journal*, **2003**, 373, 981-6 | 3.8 | 54 |
| 25 | Glycosaminoglycans affect the interaction of human plasma kallikrein with plasminogen, factor XII and inhibitors. *Brazilian Journal of Medical and Biological Research*, **2003**, 36, 1055-9 | 2.8 | 12 |
| 24 | Expression, refolding, and in vitro activation of a recombinant snake venom pro-metalloprotease. *Protein Expression and Purification*, **2003**, 28, 34-41 | 2 | 19 |
| 23 | Characterization of four substrates emphasizes kinetic similarity between insect and human C-domain angiotensin-converting enzyme. *FEBS Journal*, **2002**, 269, 3522-30 | | 11 |
| 22 | Cathepsin B carboxydipeptidase specificity analysis using internally quenched fluorescent peptides. *Biochemical Journal*, **2002**, 368, 365-9 | 3.8 | 36 |
| 21 | Glycosaminoglycans affect the action of human plasma kallikrein on kininogen hydrolysis and inflammation. *International Immunopharmacology*, **2002**, 2, 1861-5 | 5.8 | 30 |
| 20 | Characterization of two cysteine proteinases secreted by Fasciola hepatica and demonstration of their kininogenase activity. *Molecular and Biochemical Parasitology*, **2001**, 116, 109-15 | 1.9 | 17 |
| 19 | Structure of cruzipain/cruzain inhibitors isolated from Bauhinia bauhinioides seeds. *Biological Chemistry*, **2001**, 382, 847-52 | 4.5 | 28 |
| 18 | Biochemical characterization of human cathepsin X revealed that the enzyme is an exopeptidase, acting as carboxymonopeptidase or carboxydipeptidase. *FEBS Journal*, **2000**, 267, 5404-12 | | 66 |
| 17 | Crystal structure of cathepsin X: a flip-flop of the ring of His23 allows carboxy-monopeptidase and carboxy-dipeptidase activity of the protease. *Structure*, **2000**, 8, 305-13 | 5.2 | 72 |
| 16 | Peptidase specificity characterization of C- and N-terminal catalytic sites of angiotensin I-converting enzyme. *Biochemistry*, **2000**, 39, 8519-25 | 3.2 | 140 |
| 15 | Angiotensin I-converting enzyme isoforms (high and low molecular weight) in urine of premature and full-term infants. *Hypertension*, **2000**, 35, 1284-90 | 8.5 | 15 |
| 14 | Characterization of a prolyl endopeptidase (kininase) from human urine using fluorogenic quenched substrates. *International Journal of Biochemistry and Cell Biology*, **2000**, 32, 1161-72 | 5.6 | 9 |
| 13 | Thimet oligopeptidase EC 3.4.24.15 is a major liver kininase. *Life Sciences*, **2000**, 67, 509-20 | 6.8 | 13 |
| 12 | Detection of the basement membrane-degrading proteolytic activity of Paracoccidioides brasiliensis after SDS-PAGE using agarose overlays containing Abz-MKALTLQ-EDDnp. *Brazilian Journal of Medical and Biological Research*, **1999**, 32, 645-9 | 2.8 | 16 |
| 11 | Characterization of a kinin inactivating serine endopeptidase H2 (kininase) from human urine using fluorogenic substrates. *Immunopharmacology*, **1999**, 45, 223-8 | | 4 |

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|---|---|---|---|
| 10 | Internally quenched fluorogenic substrates for angiotensin I-converting enzyme. *Journal of Hypertension*, **1999**, 17, 665-72 | 1.9 | 22 |
| 9 | Characterization of recombinant human cathepsin B expressed at high levels in baculovirus. *Protein Science*, **1998**, 7, 2033-7 | 6.3 | 17 |
| 8 | Purification and characterization of angiotensin I-converting enzymes from mesangial cells in culture. *Journal of Hypertension*, **1998**, 16, 2063-74 | 1.9 | 34 |
| 7 | Purification and characterization of a neutral endopeptidase-like enzyme from human urine. *Journal of Hypertension*, **1998**, 16, 1971-8 | 1.9 | 6 |
| 6 | Exocellular proteolytic activity of Paracoccidioides brasiliensis: cleavage of components associated with the basement membrane. *Medical Mycology*, **1998**, 36, 345-348 | 3.9 | 1 |
| 5 | Inhibition of angiotensin converting enzyme and potentiation of bradykinin by retro-inverso analogues of short peptides and sequences related to angiotensin I and bradykinin. *Biochemical Pharmacology*, **1996**, 51, 1051-60 | 6 | 14 |
| 4 | Liver bradykinin-inactivating-endopeptidase is similar to the metalloendopeptidase (EC 3.4.24.15). *Immunopharmacology*, **1996**, 32, 176-9 | | 8 |
| 3 | Isolation and characterization of a new bradykinin potentiating octapeptide from gamma-casein. *Canadian Journal of Physiology and Pharmacology*, **1995**, 73, 85-91 | 2.4 | 16 |
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