

Claudio M Costa-Neto

List of Publications by Year in descending order

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94
papers

3,869
citations

136740

32
h-index

133063

59
g-index

96
all docs

96
docs citations

96
times ranked

5941
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II Type 1 Receptor Tachyphylaxis Is Defined by Agonist Residence Time. <i>Hypertension</i> , 2022, 79, 115-125.	1.3	4
2	Novel potent (dihydro)benzofuranyl piperazines as human histamine receptor ligands – Functional characterization and modeling studies on H3 and H4 receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115924.	1.4	5
3	Beta-arrestin 2 mediates cardiac hypertrophy induced by thyroid hormones via AT1R. <i>Journal of Cellular Physiology</i> , 2021, 236, 4640-4654.	2.0	2
4	Oral nitrite treatment increases S-nitrosylation of vascular protein kinase C and attenuates the responses to angiotensin II. <i>Redox Biology</i> , 2021, 38, 101769.	3.9	14
5	BRET-based effector membrane translocation assay monitors GPCR-promoted and endocytosis-mediated G _q activation at early endosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
6	Epilepsy Seizures in Spontaneously Hypertensive Rats After Acoustic Stimulation: Role of Renin-Angiotensin System. <i>Frontiers in Neuroscience</i> , 2020, 14, 588477.	1.4	4
7	Signal Transduction Profiling of Angiotensin II Type 1 Receptor With Mutations Associated to Atrial Fibrillation in Humans. <i>Frontiers in Pharmacology</i> , 2020, 11, 600132.	1.6	7
8	AVPR1b variation and the emergence of adaptive phenotypes in Platyrrhini primates. <i>American Journal of Primatology</i> , 2019, 81, e23028.	0.8	13
9	Activation of the Kinin B1 Receptor by Its Agonist Reduces Melanoma Metastasis by Playing a Dual Effect on Tumor Cells and Host Immune Response. <i>Frontiers in Pharmacology</i> , 2019, 10, 1106.	1.6	8
10	Evaluation of Functional Selectivity of Haloperidol, Clozapine, and LASSBio-579, an Experimental Compound With Antipsychotic-Like Actions in Rodents, at G Protein and Arrestin Signaling Downstream of the Dopamine D2 Receptor. <i>Frontiers in Pharmacology</i> , 2019, 10, 628.	1.6	2
11	Activation of Toll-like receptor 2 induces B1 and B2 kinin receptors in human gingival fibroblasts and in mouse gingiva. <i>Scientific Reports</i> , 2019, 9, 2973.	1.6	9
12	Functional selectivity profiling of the angiotensin II type 1 receptor using pathway-wide BRET signaling sensors. <i>Science Signaling</i> , 2018, 11, .	1.6	106
13	The binding of captopril to angiotensin I-converting enzyme triggers activation of signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C367-C379.	2.1	6
14	Chronic treatment with fluoxetine modulates vascular adrenergic responses by inhibition of pre- and post-synaptic mechanisms. <i>European Journal of Pharmacology</i> , 2017, 800, 70-80.	1.7	11
15	Ang-(1-7) is an endogenous β -arrestin-biased agonist of the AT1 receptor with protective action in cardiac hypertrophy. <i>Scientific Reports</i> , 2017, 7, 11903.	1.6	82
16	Functional New World monkey oxytocin forms elicit an altered signaling profile and promotes parental care in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9044-9049.	3.3	36
17	Pharmacological Characterization of 5-Substituted 1-[(2,3-dihydro-1-benzofuran-2-yl)methyl]piperazines: Novel Antagonists for the Histamine H3 and H4 Receptors with Anti-inflammatory Potential. <i>Frontiers in Pharmacology</i> , 2017, 8, 825.	1.6	20
18	Host kinin B1 receptor plays a protective role against melanoma progression. <i>Scientific Reports</i> , 2016, 6, 22078.	1.6	12

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19	A Pluridimensional View of Biased Agonism. <i>Molecular Pharmacology</i> , 2016, 90, 587-595.	1.0	102
20	Highlight: Kinin 2015 at São Paulo, Brazil. <i>Biological Chemistry</i> , 2016, 397, 281-282.	1.2	0
21	Recent updates on GPCR biased agonism. <i>Pharmacological Research</i> , 2016, 112, 49-57.	3.1	77
22	A Novel Vasoactive Proline-Rich Oligopeptide from the Skin Secretion of the Frog <i>Brachycephalus ephippium</i> . <i>PLoS ONE</i> , 2015, 10, e0145071.	1.1	17
23	Comparative analyses of downstream signal transduction targets modulated after activation of the AT1 receptor by two β^2 -arrestin-biased agonists. <i>Frontiers in Pharmacology</i> , 2015, 6, 131.	1.6	21
24	Non-canonical signalling and roles of the vasoactive peptides angiotensins and kinins. <i>Clinical Science</i> , 2014, 126, 753-774.	1.8	14
25	The kinin B1 receptor regulates muscle-specific E3 ligases expression and is involved in skeletal muscle mass control. <i>Clinical Science</i> , 2014, 127, 185-194.	1.8	6
26	Receptor Mas Protects Mice Against Hypothermia and Mortality Induced By Endotoxemia. <i>Shock</i> , 2014, 41, 331-336.	1.0	31
27	Synthesis, spectroscopic characterization, DFT studies, and antibacterial and antitumor activities of a novel water soluble Pd(II) complex with l-alliin. <i>Journal of Molecular Structure</i> , 2013, 1035, 421-426.	1.8	14
28	Shear stress-induced Ang II AT1 receptor activation: G-protein dependent and independent mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 647-652.	1.0	33
29	Contrasting effects of aliskiren versus losartan on hypertensive vascular remodeling. <i>International Journal of Cardiology</i> , 2013, 167, 1199-1205.	0.8	32
30	Angiotensin II-independent Angiotensin-(1-7) Formation in Rat Hippocampus. <i>Hypertension</i> , 2013, 62, 879-885.	1.3	38
31	Activation of the Kinin B1 Receptor Attenuates Melanoma Tumor Growth and Metastasis. <i>PLoS ONE</i> , 2013, 8, e64453.	1.1	14
32	Hydrogen peroxide production regulates the mitochondrial function in insulin resistant muscle cells: Effect of catalase overexpression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1591-1604.	1.8	37
33	A Novel Cellular Model to Study Angiotensin II AT2 Receptor Function in Breast Cancer Cells. <i>International Journal of Peptides</i> , 2012, 2012, 1-6.	0.7	6
34	Exposure of luminal membranes of LLC-PK ₁ cells to ANG II induces dimerization of AT ₁ /AT ₂ receptors to activate SERCA and to promote Ca ²⁺ mobilization. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F875-F883.	1.3	20
35	Angiotensin-(3-4) counteracts the Angiotensin II inhibitory action on renal Ca ²⁺ -ATPase through a cAMP/PKA pathway. <i>Regulatory Peptides</i> , 2012, 177, 27-34.	1.9	18
36	Carboxypeptidases A1 and A2 from the perfusate of rat mesenteric arterial bed differentially process angiotensin peptides. <i>Peptides</i> , 2012, 33, 67-76.	1.2	11

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37	Angiotensin II Facilitates Breast Cancer Cell Migration and Metastasis. <i>PLoS ONE</i> , 2012, 7, e35667.	1.1	84
38	Angiotensin(1-7) decreases LPS-induced inflammatory response in macrophages. <i>Journal of Cellular Physiology</i> , 2012, 227, 2117-2122.	2.0	90
39	Role of endothelium on the abnormal Angiotensin-mediated vascular functions in epileptic rats. <i>Journal of Biophysical Chemistry</i> , 2012, 03, 174-182.	0.1	2
40	6-Mercaptopurine complexes with silver and gold ions: Anti-tuberculosis and anti-cancer activities. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 334-338.	2.5	44
41	Effect of the duration of daily aerobic physical training on cardiac autonomic adaptations. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 159, 32-37.	1.4	22
42	Biological and conformational evaluation of angiotensin II lactam bridge containing analogues. <i>Regulatory Peptides</i> , 2011, 172, 1-7.	1.9	13
43	Synthesis, spectroscopic characterization, DFT studies and biological assays of a novel gold(I) complex with 2-mercaptothiazoline. <i>Polyhedron</i> , 2011, 30, 2354-2359.	1.0	18
44	A new nitrosyl ruthenium complex: Synthesis, chemical characterization, <i>in vitro</i> and <i>in vivo</i> antitumor activities and probable mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3616-3622.	2.6	38
45	Chemical, spectroscopic characterization, DFT studies and initial pharmacological assays of a silver(I) complex with N-acetyl-L-cysteine. <i>Polyhedron</i> , 2011, 30, 579-583.	1.0	24
46	Angiotensin II Binding to Angiotensin Converting Enzyme Triggers Calcium Signaling. <i>Hypertension</i> , 2011, 57, 965-972.	1.3	31
47	Increased expression of GluR2 ϵ flip in the hippocampus of the Wistar audiogenic rat strain after acute and kindled seizures. <i>Hippocampus</i> , 2010, 20, 125-133.	0.9	19
48	Inhibition of the renin-angiotensin system prevents seizures in a rat model of epilepsy. <i>Clinical Science</i> , 2010, 119, 477-482.	1.8	64
49	Evidences of a role for eukaryotic translation initiation factor 5A (eIF5A) in mouse embryogenesis and cell differentiation. <i>Journal of Cellular Physiology</i> , 2010, 225, 500-505.	2.0	25
50	Pt(II) and Ag(I) complexes with acesulfame: Crystal structure and a study of their antitumoral, antimicrobial and antiviral activities. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 533-540.	1.5	70
51	Sesquiterpenes from <i>Xylaria</i> sp., an endophytic fungus associated with <i>Piper aduncum</i> (Piperaceae). <i>Phytochemistry Letters</i> , 2010, 3, 164-167.	0.6	68
52	Citocalasinas produzidas por <i>Xylaria</i> sp., um fungo endofítico de <i>Piper aduncum</i> (piperaceae). <i>Quimica Nova</i> , 2010, 33, 2038-2041.	0.3	16
53	Stimulation of IL-6 Cytokines in Fibroblasts by Toll-like Receptors 2. <i>Journal of Dental Research</i> , 2010, 89, 802-807.	2.5	29
54	<i>In vivo</i> electrochemical characterization and inflammatory response of multiwalled carbon nanotube-based electrodes in rat hippocampus. <i>Journal of Neural Engineering</i> , 2010, 7, 016002.	1.8	20

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55	Biological activities of the fermentation extract of the endophytic fungus <i>Alternaria alternata</i> isolated from <i>Coffea arabica</i> L. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 677-685.	1.2	54
56	Involvement of eukaryotic translation initiation factor 5A (eIF5A) in skeletal muscle stem cell differentiation. <i>Journal of Cellular Physiology</i> , 2009, 218, 480-489.	2.0	34
57	Identification of a bioactive compound isolated from Brazilian propolis type 6. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5332-5335.	1.4	44
58	Synthesis, characterization, crystal structure, and biological studies of vanadium complexes with glycolic acid. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1561-1571.	0.8	40
59	Lithium thiazolidine-4-carboxylate: Synthesis, spectroscopic characterization and preliminary in vitro cytotoxic studies in human HeLa cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 929-931.	2.0	5
60	Insights on eukaryotic translation initiation factor 5A (eIF5A) in the brain and aging. <i>Brain Research</i> , 2008, 1228, 6-13.	1.1	18
61	Effect of angiotensin converting enzyme inhibitor enalapril on body weight and composition in young rats. <i>International Immunopharmacology</i> , 2008, 8, 247-253.	1.7	48
62	Modulation of B1 and B2 kinin receptors expression levels in the hippocampus of rats after audiogenic kindling and with limbic recruitment, a model of temporal lobe epilepsy. <i>International Immunopharmacology</i> , 2008, 8, 200-205.	1.7	24
63	Participation of kallikrein-kinin system in different pathologies. <i>International Immunopharmacology</i> , 2008, 8, 135-142.	1.7	72
64	Essential role of TM V and VI for binding the C-terminal sequences of Des-Arg-kinins. <i>International Immunopharmacology</i> , 2008, 8, 282-288.	1.7	5
65	Characterization and biological studies of a new platinum(II) complex with the amino acid L-alliin. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2470-2477.	0.8	13
66	Carboxypeptidase B and other kininases of the rat coronary and mesenteric arterial bed perfusates. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3550-H3557.	1.5	7
67	Regulation of angiotensin II receptors levels during rat induced pulpitis. <i>Regulatory Peptides</i> , 2007, 140, 27-31.	1.9	13
68	Participation of transmembrane proline 82 in angiotensin II AT1 receptor signal transduction. <i>Regulatory Peptides</i> , 2007, 140, 32-36.	1.9	13
69	Functional rescue of a defective angiotensin II AT1 receptor mutant by the Mas protooncogene. <i>Regulatory Peptides</i> , 2007, 141, 159-167.	1.9	41
70	The N-terminal region of eukaryotic translation initiation factor 5A signals to nuclear localization of the protein. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 393-398.	1.0	21
71	Chemical composition and biological activity of a new type of Brazilian propolis: Red propolis. <i>Journal of Ethnopharmacology</i> , 2007, 113, 278-283.	2.0	303
72	The Angiotensin II AT1 Receptor Structure-Activity Correlations in the Light of Rhodopsin Structure. <i>Physiological Reviews</i> , 2007, 87, 565-592.	13.1	81

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73	Inhibition of eukaryotic translation initiation factor 5A (eIF5A) hypusination impairs melanoma growth. <i>Cell Biochemistry and Function</i> , 2007, 25, 109-114.	1.4	51
74	Synthesis and X-ray structure of the dinuclear platinum(II) complex with saccharin {K[Pt(sac) ₃ (H ₂ O)] \cdot H ₂ O} ₂ : Studies on its antiproliferative activity in aqueous solution. <i>Inorganica Chimica Acta</i> , 2007, 360, 3055-3060.	1.2	30
75	Synthesis, spectroscopic characterization and biological analysis of a new palladium(II) complex with methionine sulfoxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1171-1174.	2.0	22
76	Molecular modeling of the human eukaryotic translation initiation factor 5A (eIF5A) based on spectroscopic and computational analyses. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 634-640.	1.0	13
77	Role of the Cys18 \leftrightarrow Cys274 disulfide bond and of the third extracellular loop in the constitutive activation and internalization of angiotensin II type 1 receptor. <i>Regulatory Peptides</i> , 2006, 134, 132-140.	1.9	19
78	Bradykinin-related peptides from <i>Phyllomedusa hypochondrialis</i> . <i>Peptides</i> , 2006, 27, 2137-2146.	1.2	54
79	Cadinane sesquiterpenoids of <i>Phomopsis cassiae</i> , an endophytic fungus associated with <i>Cassia spectabilis</i> (Leguminosae). <i>Phytochemistry</i> , 2006, 67, 1964-1969.	1.4	122
80	Aromatic compounds produced by <i>Periconia atropurpurea</i> , an endophytic fungus associated with <i>Xylopiia aromatica</i> . <i>Phytochemistry</i> , 2006, 67, 2686-2690.	1.4	59
81	Synthesis, characterization and initial biological studies of a new platinum(II) complex with deoxyalliin. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1101-1106.	0.8	8
82	Benzopyrans from <i>Curvularia</i> sp., an endophytic fungus associated with <i>Ocotea corymbosa</i> (Lauraceae). <i>Phytochemistry</i> , 2005, 66, 2363-2367.	1.4	46
83	New bioactive metabolites produced by <i>Phomopsis cassiae</i> , an endophytic fungus in <i>Cassia spectabilis</i> . <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1463-1466.	0.6	56
84	Synthesis and characterization of a new platinum(II) complex with L-mimosine. <i>Journal of Coordination Chemistry</i> , 2005, 58, 1477-1483.	0.8	8
85	Angiotensin II AT1 receptor mutants expressed in CHO cells caused morphological change and inhibition of cell growth. <i>Regulatory Peptides</i> , 2005, 131, 18-22.	1.9	5
86	Synthesis, characterization, and biological activity of a new palladium(II) complex with deoxyalliin. <i>Canadian Journal of Chemistry</i> , 2005, 83, 104-109.	0.6	26
87	Mutagenesis of the AT1 receptor reveals different binding modes of angiotensin II and [Sar1]-angiotensin II. <i>Regulatory Peptides</i> , 2004, 119, 183-188.	1.9	33
88	X-ray powder diffraction analysis of a new palladium(II) amino acid complex. <i>Powder Diffraction</i> , 2004, 19, 270-271.	0.4	3
89	Relevant role of Leu265 in helix VI of the angiotensin AT1 receptor in agonist binding and activity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 426-430.	0.7	6
90	Interaction of a non-peptide agonist with angiotensin II AT1 receptor mutants. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 413-417.	0.7	5

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91	Aliphatic amino acids in helix VI of the AT1 receptor play a relevant role in agonist binding and activity. <i>Regulatory Peptides</i> , 2002, 106, 33-38.	1.9	15
92	Mutational analysis of the interaction of the N- and C-terminal ends of angiotensin II with the rat AT1A receptor. <i>British Journal of Pharmacology</i> , 2000, 130, 1263-1268.	2.7	25
93	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
94	Dual Agonistic and Antagonistic Property of Nonpeptide Angiotensin AT1 Ligands: Susceptibility to Receptor Mutations. <i>Molecular Pharmacology</i> , 1997, 51, 301-311.	1.0	70