

Thiago Verano-Braga

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,365
citations

394421

19
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

3945
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin-converting enzyme 2, angiotensin-(1 α 7) and Mas: new players of the renin α angiotensin system. <i>Journal of Endocrinology</i> , 2013, 216, R1-R17.	2.6	414
2	Discovery and Characterization of Alamandine. <i>Circulation Research</i> , 2013, 112, 1104-1111.	4.5	323
3	The renin-angiotensin system: going beyond the classical paradigms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H958-H970.	3.2	218
4	Insights into the Cellular Response Triggered by Silver Nanoparticles Using Quantitative Proteomics. <i>ACS Nano</i> , 2014, 8, 2161-2175.	14.6	189
5	Angiotensin-(1 α 7): beyond the cardio-renal actions. <i>Clinical Science</i> , 2013, 124, 443-456.	4.3	185
6	Exposure to silver nanoparticles induces size- and dose-dependent oxidative stress and cytotoxicity in human colon carcinoma cells. <i>Toxicology in Vitro</i> , 2014, 28, 1280-1289.	2.4	146
7	Modulation of Protein Phosphorylation, N-Glycosylation and Lys-Acetylation in Grape (<i>Vitis vinifera</i>) Mesocarp and Exocarp Owing to <i>Lobesia botrana</i> Infection. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 945-956.	3.8	118
8	Moving pieces in a taxonomic puzzle: Venom 2D-LC/MS and data clustering analyses to infer phylogenetic relationships in some scorpions from the Buthidae family (Scorpiones). <i>Toxicon</i> , 2006, 47, 628-639.	1.6	82
9	Tityus serrulatus Hypotensins: A new family of peptides from scorpion venom. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 515-520.	2.1	77
10	Time-Resolved Quantitative Phosphoproteomics: New Insights into Angiotensin-(1 α 7) Signaling Networks in Human Endothelial Cells. <i>Journal of Proteome Research</i> , 2012, 11, 3370-3381.	3.7	67
11	High α performance hybrid Orbitrap mass spectrometers for quantitative proteome analysis: Observations and implications. <i>Proteomics</i> , 2016, 16, 907-914.	2.2	64
12	Moving Pieces in a Venomic Puzzle: Unveiling Post-translationally Modified Toxins from <i>Tityus serrulatus</i> . <i>Journal of Proteome Research</i> , 2013, 12, 3460-3470.	3.7	52
13	Structure α function studies of Tityus serrulatus Hypotensin-I (TsHpt-I): A new agonist of B2 kinin receptor. <i>Toxicon</i> , 2010, 56, 1162-1171.	1.6	43
14	Increased circulating levels of angiotensin-(1 α 7) in severely ill COVID-19 patients. <i>ERJ Open Research</i> , 2021, 7, 00114-2021.	2.6	36
15	ACE2 in the renin α angiotensin system. <i>Clinical Science</i> , 2020, 134, 3063-3078.	4.3	30
16	Computational and statistical methods for high-throughput analysis of post-translational modifications of proteins. <i>Journal of Proteomics</i> , 2015, 129, 3-15.	2.4	28
17	SuperQuant: A Data Processing Approach to Increase Quantitative Proteome Coverage. <i>Analytical Chemistry</i> , 2015, 87, 6319-6327.	6.5	26
18	The proteomic profile of <i>Stichodactyla duerdeni</i> secretion reveals the presence of a novel O-linked glycopeptide. <i>Journal of Proteomics</i> , 2013, 87, 89-102.	2.4	23

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19	Delineation of the pan-proteome of fish-pathogenic <i>Streptococcus agalactiae</i> strains using a label-free shotgun approach. <i>BMC Genomics</i> , 2019, 20, 11.	2.8	23
20	Deconvolution of Mixture Spectra and Increased Throughput of Peptide Identification by Utilization of Intensified Complementary Ions Formed in Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2013, 12, 3362-3371.	3.7	22
21	Peptide de novo sequencing of mixture tandem mass spectra. <i>Proteomics</i> , 2016, 16, 2470-2479.	2.2	19
22	Ts14 from <i>Tityus serrulatus</i> boosts angiogenesis and attenuates inflammation and collagen deposition in sponge-induced granulation tissue in mice. <i>Peptides</i> , 2017, 98, 63-69.	2.4	16
23	Electronic investigation of light-induced reversible coordination of Co(II)/spiropyran complex. <i>Dyes and Pigments</i> , 2019, 171, 107757.	3.7	16
24	Angiotensin-(1-7) oral treatment after experimental myocardial infarction leads to downregulation of CXCR4. <i>Journal of Proteomics</i> , 2019, 208, 103486.	2.4	13
25	New insights in osteogenic differentiation revealed by mass spectrometric assessment of phosphorylated substrates in murine skin mesenchymal cells. <i>BMC Cell Biology</i> , 2013, 14, 47.	3.0	12
26	Photo-dynamic and fluorescent zinc complex based on spiropyran ligand. <i>Journal of Molecular Structure</i> , 2020, 1211, 128105.	3.6	12
27	Moving pieces in a cryptomic puzzle: Cryptide from <i>Tityus serrulatus</i> Ts3 Nav toxin as potential agonist of muscarinic receptors. <i>Peptides</i> , 2017, 98, 70-77.	2.4	10
28	Pathological cardiac remodeling seen by the eyes of proteomics. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140622.	2.3	10
29	From the Stretcher to the Pharmacy Shelf: Drug Leads from Medically Important Brazilian Venomous Arachnid Species. <i>Inflammation and Allergy: Drug Targets</i> , 2011, 10, 411-419.	1.8	9
30	Î¼4-Theraphotoxin-An1a: Primary structure determination and assessment of the pharmacological activity of a promiscuous anti-insect toxin from the venom of the tarantula <i>Acanthoscurria natalensis</i> (Mygalomorphae, Theraphosidae). <i>Toxicon</i> , 2013, 70, 123-134.	1.6	8
31	Structural and Electronic Characterization of a Photoresponsive Lanthanum(III) Complex Incorporated into Electrospun Fibers for Phosphate Ester Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28607-28615.	8.0	8
32	SuperQuant-assisted comparative proteome analysis of glioblastoma subpopulations allows for identification of potential novel therapeutic targets and cell markers. <i>Oncotarget</i> , 2018, 9, 9400-9414.	1.8	8
33	Some arachnid peptides with potential medical application. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 8-33.	1.4	7
34	Revealing the functional structure of a new PLA2 K49 from <i>Bothriopsis taeniata</i> snake venom employing automatic de novo sequencing using CID/HCD/ETD MS/MS analyses. <i>Journal of Proteomics</i> , 2016, 131, 131-139.	2.4	7
35	Assessment of protein extraction and digestion efficiency of well-established shotgun protocols for heart proteomics. <i>Analytical Biochemistry</i> , 2019, 578, 51-59.	2.4	7
36	Evaluation of Post-Surgical Cognitive Function and Protein Fingerprints in the Cerebro-Spinal Fluid Utilizing Surface-Enhanced Laser Desorption/Ionization Time-of-Flight Mass-Spectrometry (SELDI-TOF). <i>Journal of Proteomics</i> , 2011, 18, 1019-1037.	2.4	5

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37	Peptide fragments of bradykinin show unexpected biological activity not mediated by B ₁ or B ₂ receptors. <i>British Journal of Pharmacology</i> , 2022, 179, 3061-3077.	5.4	5
38	Cardiomyocyte Proteome Remodeling due to Isoproterenol-Induced Cardiac Hypertrophy during the Compensated Phase. <i>Proteomics - Clinical Applications</i> , 2020, 14, e2000017.	1.6	4
39	Moving Pieces in a Cellular Puzzle: A Cryptic Peptide from the Scorpion Toxin Ts14 Activates AKT and ERK Signaling and Decreases Cardiac Myocyte Contractility via Dephosphorylation of Phospholamban. <i>Journal of Proteome Research</i> , 2020, 19, 3467-3477.	3.7	4
40	Toxinology in the proteomics era: a review on arachnid venom proteomics. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2022, 28, 20210034.	1.4	4
41	Assessing the composition of the plasma membrane of <i>Leishmania (Leishmania) infantum</i> and <i>L. (L.) amazonensis</i> using label-free proteomics. <i>Experimental Parasitology</i> , 2020, 218, 107964.	1.2	3
42	Biological and Molecular Effects of <i>Trypanosoma cruzi</i> Residence in a LAMP-Deficient Intracellular Environment. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 788482.	3.9	3
43	N-terminal sequence tagging using reliably determined b ₂ ions: A useful approach to deconvolute tandem mass spectra of co-fragmented peptides in proteomics. <i>Journal of Proteomics</i> , 2014, 103, 254-260.	2.4	2
44	Proteomic analysis reveals stage-specific reprogramed metabolism for the primary breast cancer cell lines MGSO-3 and MACL-1. <i>Proteomics</i> , 2022, 22, .	2.2	2
45	Phosphoproteomic studies of alamandine signaling in CHO-MrgD and human pancreatic carcinoma cells: An antiproliferative effect is unveiled. <i>Proteomics</i> , 2022, 22, .	2.2	2
46	GiTx1 (Î²/Î³-theraphotoxin-Gi1a), a novel toxin from the venom of Brazilian tarantula <i>Grammostola iheringi</i> (Mygalomorphae, Theraphosidae): Isolation, structural assessments and activity on voltage-gated ion channels. <i>Biochimie</i> , 2020, 176, 138-149.	2.6	1
47	Mesoporous silica nanoparticles loaded with alamandine as a potential new therapy against cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102216.	3.0	1
48	THE KALLIKREIN-KININ SYSTEM IS FALLING INTO PIECES: BRADYKININ FRAGMENTS ARE BIOLOGICAL ACTIVE PEPTIDES. <i>Journal of Hypertension</i> , 2021, 39, e256.	0.5	0
49	Abstract P250: A High-throughput Nitric Oxide Measurement Assay Reveals That Angiotensin-(1-5) Is An AT2 Receptor Agonist. <i>Hypertension</i> , 2021, 78, .	2.7	0
50	Characterization of Differentially Abundant Proteins Among <i>Leishmania (Viannia) braziliensis</i> Strains Isolated From Atypical or Typical Lesions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 824968.	3.9	0