

Wagner Fontes

List of Publications by Year in descending order

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104
papers

2,239
citations

279798
23
h-index

276875
41
g-index

110
all docs

110
docs citations

110
times ranked

3222
citing authors

#	ARTICLE	IF	CITATIONS
1	Thromboelastometry demonstrates endogenous coagulation activation in nonsevere and severe COVID-19 patients and has applicability as a decision algorithm for intervention. PLoS ONE, 2022, 17, e0262600.	2.5	14
2	Protective role of intergenerational paternal resistance training on fibrosis, inflammatory profile, and redox status in the adipose tissue of rat offspring fed with a high-fat diet. Life Sciences, 2022, 295, 120377.	4.3	6
3	NBS-LRR-WRKY genes and protease inhibitors (PIs) seem essential for cowpea resistance to root-knot nematode. Journal of Proteomics, 2022, 261, 104575.	2.4	4
4	Proteome dataset of <i>Hemileia vastatrix</i> by LC-MS/MS label-free identification. Data in Brief, 2022, 43, 108433.	1.0	0
5	IL-4 absence triggers distinct pathways in apical periodontitis development. Journal of Proteomics, 2021, 233, 104080.	2.4	7
6	In-depth quantitative proteomic characterization of organotypic hippocampal slice culture reveals sex-specific differences in biochemical pathways. Scientific Reports, 2021, 11, 2560.	3.3	5
7	Proteomic profile of pre-implantational ovine embryos produced in vivo. Reproduction in Domestic Animals, 2021, 56, 586-603.	1.4	10
8	Impact of paternal exercise on physiological systems in the offspring. Acta Physiologica, 2021, 231, e13620.	3.8	12
9	Molecular and Cellular Biomarkers of COVID-19 Prognosis: Protocol for the Prospective Cohort TARGET Study. JMIR Research Protocols, 2021, 10, e24211.	1.0	3
10	Exploring the biological activities and proteome of Brazilian scorpion <i>Rhopalurus agamemnon</i> venom. Journal of Proteomics, 2021, 237, 104119.	2.4	7
11	Quantitative proteomics and phosphoproteomics of <i>Trypanosoma cruzi</i> epimastigote cell cycle. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140619.	2.3	6
12	iTRAQ-based proteomic analysis of <i>Paracoccidioides brasiliensis</i> in response to hypoxia. Microbiological Research, 2021, 247, 126730.	5.3	6
13	A pilot study indicating the dysregulation of the complement and coagulation cascades in treated schizophrenia and bipolar disorder patients. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140657.	2.3	13
14	Oxidant and antioxidant effects of a low molecular weight peptide fraction from hardened bean (<i>Phaseolus vulgaris</i>) on endothelium. Brazilian Journal of Medical and Biological Research, 2021, 54, e10423.	1.5	11
15	Novel Possible Protein Targets in Neovascular Age-Related Macular Degeneration: A Pilot Study Experiment. Frontiers in Medicine, 2021, 8, 692272.	2.6	3
16	Root proteome and metabolome reveal a high nutritional dependency of aluminium in <i>Qualea grandiflora</i> Mart. (Vochysiaceae). Plant and Soil, 2020, 446, 125-143.	3.7	13
17	Evaluation of different secretomes produced by <i>Clonostachys blyssicola</i> as tools to holocellulose breakdown. International Biodeterioration and Biodegradation, 2020, 148, 104880.	3.9	7
18	Figainin 1, a Novel Amphibian Skin Peptide with Antimicrobial and Antiproliferative Properties. Antibiotics, 2020, 9, 625.	3.7	15

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19	Metabolic Adaptation of <i>Paracoccidioides brasiliensis</i> in Response to in vitro Copper Deprivation. <i>Frontiers in Microbiology</i> , 2020, 11, 1834.	3.5	10
20	Phosphoproteomic Analysis of Rat Neutrophils Shows the Effect of Intestinal Ischemia/Reperfusion and Preconditioning on Kinases and Phosphatases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5799.	4.1	6
21	Scorpion Toxins and Ion Channels: Potential Applications in Cancer Therapy. <i>Toxins</i> , 2020, 12, 326.	3.4	17
22	Paternal Resistance Training Induced Modifications in the Left Ventricle Proteome Independent of Offspring Diet. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	4.0	9
23	Paternal Resistance Training Modulates Calcaneal Tendon Proteome in the Offspring Exposed to High-Fat Diet. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 380.	3.7	8
24	Dynamic proteomic analysis of <i>Aedes aegypti</i> Aag-2 cells infected with Mayaro virus. <i>Parasites and Vectors</i> , 2020, 13, 297.	2.5	10
25	<i>Staphylococcus saprophyticus</i> Proteomic Analyses Elucidate Differences in the Protein Repertoires among Clinical Strains Related to Virulence and Persistence. <i>Pathogens</i> , 2020, 9, 69.	2.8	6
26	Biological Properties of a Novel Multifunctional Host Defense Peptide from the Skin Secretion of the Chaco Tree Frog, <i>Boana raniceps</i> . <i>Biomolecules</i> , 2020, 10, 790.	4.0	12
27	Figainin 2: a novel host defense peptide isolated from the Chaco tree frog <i>Boana raniceps</i> skin secretion. <i>Toxicon</i> , 2019, 168, S14.	1.6	0
28	Mild hydrothermal pretreatment of sugarcane bagasse enhances the production of holocellulases by <i>Aspergillus niger</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1517-1529.	3.0	5
29	Proteomic analysis in cells treated with pristine carbon nano-onions and its subcellular localization. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2019, 10, 035011.	1.5	4
30	Biochemical and structural characterization of a protein complex containing a hyaluronidase and a CRISP-like protein isolated from the venom of the spider <i>Acanthoscurria natalensis</i> . <i>Toxicon</i> , 2019, 168, S14.	1.6	0
31	Proteome Dataset of <i>Qualea grandiflora</i> Mart. (Vochysiaceae) by LC-MS/MS Label-Free Identification in Response to Aluminum. <i>Proteomics</i> , 2019, 19, 1900148.	2.2	4
32	Metabolic Peculiarities of <i>Paracoccidioides brasiliensis</i> Dimorphism as Demonstrated by iTRAQ Labeling Proteomics. <i>Frontiers in Microbiology</i> , 2019, 10, 555.	3.5	19
33	Proteomic Analysis and Functional Validation of a <i>Brassica oleracea</i> Endochitinase Involved in Resistance to <i>Xanthomonas campestris</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 414.	3.6	13
34	Stress and cell cycle regulation during somatic embryogenesis plays a key role in oil palm callus development. <i>Journal of Proteomics</i> , 2019, 192, 137-146.	2.4	15
35	Biochemical and structural characterization of a protein complex containing a hyaluronidase and a CRISP-like protein isolated from the venom of the spider <i>Acanthoscurria natalensis</i> . <i>Journal of Proteomics</i> , 2019, 192, 102-113.	2.4	9
36	Formation of Protein Corona on Rhodium Citrate-Functionalized Magnetic Nanoparticles and Their Interaction with Human Macrophages. , 2019, 10, .		0

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37	Dendropsophin 1, a novel antimicrobial peptide from the skin secretion of the endemic Colombian frog <i>Dendropsophus columbianus</i> . Natural Product Research, 2018, 32, 1383-1389.	1.8	8
38	Dynamic molecular events associated to <i>Plasmodium berghei</i> gametogenesis through proteomic approach. Journal of Proteomics, 2018, 180, 88-98.	2.4	11
39	Proteomic landscape of seminal plasma associated with dairy bull fertility. Scientific Reports, 2018, 8, 16323.	3.3	77
40	Reactive oxygen species quantification by electron paramagnetic resonance and neutrophil NETs formation. Free Radical Biology and Medicine, 2018, 128, S108.	2.9	0
41	Analysis of the Effect of Intestinal Ischemia and Reperfusion on the Rat Neutrophils Proteome. Frontiers in Molecular Biosciences, 2018, 5, 89.	3.5	18
42	Proteome analysis of <i>Phytomonas serpens</i> , a phytoparasite of medical interest. PLoS ONE, 2018, 13, e0204818.	2.5	3
43	Label-free quantitative proteomics of rat hypothalamus under fever induced by LPS and PGE2. Journal of Proteomics, 2018, 187, 182-199.	2.4	14
44	Avaliação proteica do humor aquoso de equinos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2018, 70, 1691-1698.	0.4	0
45	Neutrophil proteomic analysis reveals the participation of antioxidant enzymes, motility and ribosomal proteins in the prevention of ischemic effects by preconditioning. Journal of Proteomics, 2017, 151, 162-173.	2.4	10
46	The multifaceted role of extracellular vesicles in metastasis: Priming the soil for seeding. International Journal of Cancer, 2017, 140, 2397-2407.	5.1	56
47	Identification of multienzymatic complexes in the <i>Clonostachys byssicola</i> secretomes produced in response to different lignocellulosic carbon sources. Journal of Biotechnology, 2017, 254, 51-58.	3.8	13
48	Beneficial effects of resistance training on the protein profile of the calcaneal tendon during aging. Experimental Gerontology, 2017, 100, 54-62.	2.8	10
49	Analysis of skin derived peptides from the Cuyaba Dwarf Frog <i>Physalaemus nattereri</i> by off-line LC MALDI MS/MS. International Journal of Mass Spectrometry, 2017, 416, 90-95.	1.5	1
50	High performance mass spectrometry based proteomics reveals enzyme and signaling pathway regulation in neutrophils during the early stage of surgical trauma. Proteomics - Clinical Applications, 2017, 11, 1600001.	1.6	10
51	A Timely Shift from Shotgun to Targeted Proteomics and How It Can Be Groundbreaking for Cancer Research. Frontiers in Oncology, 2017, 7, 13.	2.8	52
52	The neutrophil-to-lymphocyte ratio: a narrative review. Ecancermedicalscience, 2016, 10, 702.	1.1	202
53	Editorial (Thematic Issue: Toxins and Their Role as Therapeutic Agents). Protein and Peptide Letters, 2016, 23, 675-675.	0.9	0
54	Meet Our Board Member:. Protein and Peptide Letters, 2016, 24, 1-1.	0.9	1

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55	Recent Insights in <i>Latrodectus</i> (‘‘Black Widow’’ Spider) Envenomation: Toxins and Their Mechanisms of Action. , 2016, , 333-344.		0
56	Proteomic Analysis of Neutrophil Priming by PAF. Protein and Peptide Letters, 2016, 23, 142-151.	0.9	19
57	The Amazing World of Peptide Engineering: the Example of Antimicrobial Peptides from Frogs and Their Analogues. Protein and Peptide Letters, 2016, 23, 722-737.	0.9	10
58	Marine Depsipeptides as Promising Pharmacotherapeutic Agents. Current Protein and Peptide Science, 2016, 18, 72-91.	1.4	19
59	Cytotoxic Activity and Antiproliferative Effects of Crude Skin Secretion from <i>Physalaemus nattereri</i> (Anura: Leptodactylidae) on in vitro Melanoma Cells. Toxins, 2015, 7, 3989-4005.	3.4	9
60	Reconciling the IPC and Two-Hit Models: Dissecting the Underlying Cellular and Molecular Mechanisms of Two Seemingly Opposing Frameworks. Journal of Immunology Research, 2015, 2015, 1-11.	2.2	13
61	The Neutrophil Nucleus and Its Role in Neutrophilic Function. Journal of Cellular Biochemistry, 2015, 116, 1831-1836.	2.6	45
62	Proteomic analysis of equine amniotic membrane: characterization of proteins. Veterinary Ophthalmology, 2015, 18, 198-209.	1.0	18
63	Cowpea ‘‘Meloidogyne incognita’’ interaction: Root proteomic analysis during early stages of nematode infection. Proteomics, 2015, 15, 1746-1759.	2.2	15
64	Cm38: A New Antimicrobial Peptide Active Against <i>Klebsiella pneumoniae</i> is Homologous to Cn11. Protein and Peptide Letters, 2015, 22, 164-172.	0.9	26
65	Micelle Bound Structure and Model Membrane Interaction Studies of the Peptide Hylin a1 from the Arboreal South American Frog <i>Hypsiboas albopunctatus</i>. Protein and Peptide Letters, 2015, 22, 719-726.	0.9	7
66	Evaluation of the effects of ischemic preconditioning on the hematological parameters of rats subjected to intestinal ischemia and reperfusion. Clinics, 2015, 70, 61-68.	1.5	10
67	The Crude Skin Secretion of the Pepper Frog <i>Leptodactylus labyrinthicus</i> Is Rich in Metallo and Serine Peptidases. PLoS ONE, 2014, 9, e96893.	2.5	14
68	Characterization of neutrophil adhesion to different titanium surfaces. Bulletin of Materials Science, 2014, 37, 157-166.	1.7	13
69	Anticancer Peptides and Proteins: A Panoramic View. Protein and Peptide Letters, 2013, 20, 380-391.	0.9	22
70	Comparison of two methods of tear sampling for protein quantification by Bradford method. Pesquisa Veterinaria Brasileira, 2013, 33, 261-264.	0.5	18
71	Anticancer Peptides and Proteins: A Panoramic View. Protein and Peptide Letters, 2013, 20, 380-391.	0.9	18
72	Mechanism of Action and Relationship Between Structure and Biological Activity of Ctx-Ha: A New Ceratotoxin-like Peptide from <i>Hypsiboas albopunctatus</i> . Protein and Peptide Letters, 2012, 19, 596-603.	0.9	38

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73	Comparison of the Neutrophil Proteome in Trauma Patients and Normal Controls. Protein and Peptide Letters, 2012, 19, 663-672.	0.9	14
74	Anti-proliferative and cytotoxic activity of pentadactylin isolated from Leptodactylus labyrinthicus on melanoma cells. Amino Acids, 2011, 40, 51-59.	2.7	38
75	Influence of N-terminus modifications on the biological activity, membrane interaction, and secondary structure of the antimicrobial peptide hylin α 1. Biopolymers, 2011, 96, 41-48.	2.4	59
76	Proteomic Analysis of Honey Bee Brain upon Ontogenetic and Behavioral Development. Journal of Proteome Research, 2009, 8, 1464-1473.	3.7	67
77	Hylin α 1, the first cytolytic peptide isolated from the arboreal South American frog <i>Hypsiboas albopunctatus</i> (‘‘spotted treefrog’’). Peptides, 2009, 30, 291-296.	2.4	62
78	Neutrophil Proteome: Lessons from Different Standpoints. Protein and Peptide Letters, 2008, 15, 995-1001.	0.9	11
79	Purification, characterization and homology analysis of ocellatin 4, a cytolytic peptide from the skin secretion of the frog <i>Leptodactylus ocellatus</i> . Toxicon, 2007, 50, 1095-1104.	1.6	33
80	Biochemical View: A Web Site Providing Material for Teaching Biochemistry Using Multiple Approaches. Journal of Chemical Education, 2007, 84, 1866.	2.3	4
81	A phylogenetic analysis of species in the <i>Bufo crucifer</i> group (Anura: Bufonidae), based on indolealkylamines and proteins from skin secretions. Biochemical Systematics and Ecology, 2006, 34, 457-466.	1.3	10
82	Proteome Analysis of Resting Human Neutrophils. Protein and Peptide Letters, 2006, 13, 481-487.	0.9	20
83	Combinatorial Synthesis and Directed Evolution Applied to the Production of α -Helix Forming Antimicrobial Peptides Analogues. Current Protein and Peptide Science, 2006, 7, 473-478.	1.4	29
84	Proteome analysis of brown spider venom: Identification of loxnecrogin isoforms in <i>Loxosceles gaucho</i> venom. Proteomics, 2005, 5, 2167-2176.	2.2	79
85	Plant Defense and Antimicrobial Peptides. Protein and Peptide Letters, 2005, 12, 11-16.	0.9	133
86	Hylins: Bombinins H Structurally Related Peptides from the Skin Secretion of the Brazilian Tree-Frog <i>Hyla biobeba</i> . Protein and Peptide Letters, 2005, 12, 89-93.	0.9	22
87	Proteome Analysis of Nelore Bull (<i>Bos taurus indicus</i>) Seminal Plasma. Protein and Peptide Letters, 2005, 12, 813-817.	0.9	15
88	Protein Mapping of the Salivary Complex from a Hematophagous Leech. OMICS A Journal of Integrative Biology, 2005, 9, 194-208.	2.0	4
89	Ocellatins: New Antimicrobial Peptides from the Skin Secretion of the South American Frog <i>Leptodactylus ocellatus</i> (Anura: Leptodactylidae). Protein Journal, 2004, 23, 501-508.	1.6	43
90	Proteomic analysis of the human pathogen <i>Trypanosoma cruzi</i> . Proteomics, 2004, 4, 1052-1059.	2.2	81

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91	Proteomic Analysis of <i>Trypanosoma cruzi</i> Developmental Stages Using Isotope-Coded Affinity Tag Reagents. <i>Journal of Proteome Research</i> , 2004, 3, 517-524.	3.7	33
92	Purification and characterization of loxnecrogin, a dermonecrotic toxin from <i>Loxosceles gaucho</i> brown spider venom. <i>The Protein Journal</i> , 2003, 22, 135-146.	1.1	41
93	Purification and primary structure determination of Tf4, the first bioactive peptide isolated from the venom of the Brazilian scorpion <i>Tityus fasciolatus</i> . <i>Toxicon</i> , 2003, 41, 737-745.	1.6	18
94	Composition of indolealkylamines of <i>Bufo rubescens</i> cutaneous secretions compared to six other Brazilian bufonids with phylogenetic implications. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 134, 641-649.	1.6	44
95	Antimicrobial Peptides from Anurans Skin Secretions. <i>Protein and Peptide Letters</i> , 2003, 10, 227-238.	0.9	48
96	Purification and characterization of a new xylanase from <i>Acrophialophora nainiana</i> . <i>Journal of Biotechnology</i> , 2000, 81, 199-204.	3.8	51
97	Improving the Recovery of Lysine in Automated Protein Sequencing. <i>Analytical Biochemistry</i> , 1998, 258, 259-267.	2.4	18
98	Determination of the Amino Acid Sequence of the Plant Cytolysin Enterolobin. <i>Archives of Biochemistry and Biophysics</i> , 1997, 347, 201-207.	3.0	25
99	Homology between the seed cytolysin enterolobin and bacterial aerolysins. <i>The Protein Journal</i> , 1994, 13, 659-667.	1.1	30
100	Percutaneous catheterization of the subclavian vein in hemophiliac patients: report of 47 cases. <i>International Surgery</i> , 1992, 77, 118-21.	0.1	10
101	The efficacy of loop colostomy for complete fecal diversion. <i>Diseases of the Colon and Rectum</i> , 1988, 31, 298-302.	1.3	22
102	Proteome of <i>Erythroxylum pungens</i> (Erythroxylaceae): an endemic species of the semiarid Caatinga. <i>Plant Biosystems</i> , 0, , 1-3.	1.6	1
103	Mastoparans: A Group of Multifunctional α -Helical Peptides With Promising Therapeutic Properties. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	15
104	Global Proteomics Analysis of Bone Marrow: Establishing Talin-1 and Centrosomal Protein of 55 kDa as Potential Molecular Signatures for Myelodysplastic Syndromes. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	2