

# Wagner Fontes

## List of Publications by Year in descending order

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104  
papers

2,239  
citations

279701

23  
h-index

276775

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.	1.1	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.	2.0	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.	1.2	4
4	Proteome dataset of <i>Hemileia vastatrix</i> by LC-MS/MS label-free identification. Data in Brief, 2022, 43, 108433.	0.5	0
5	IL-4 absence triggers distinct pathways in apical periodontitis development. Journal of Proteomics, 2021, 233, 104080.	1.2	7
6	In-depth quantitative proteomic characterization of organotypic hippocampal slice culture reveals sex-specific differences in biochemical pathways. Scientific Reports, 2021, 11, 2560.	1.6	5
7	Proteomic profile of pre-implantational ovine embryos produced in vivo. Reproduction in Domestic Animals, 2021, 56, 586-603.	0.6	10
8	Impact of paternal exercise on physiological systems in the offspring. Acta Physiologica, 2021, 231, e13620.	1.8	12
9	Molecular and Cellular Biomarkers of COVID-19 Prognosis: Protocol for the Prospective Cohort TARGET Study. JMIR Research Protocols, 2021, 10, e24211.	0.5	3
10	Exploring the biological activities and proteome of Brazilian scorpion <i>Rhopalurus agamemnon</i> venom. Journal of Proteomics, 2021, 237, 104119.	1.2	7
11	Quantitative proteomics and phosphoproteomics of <i>Trypanosoma cruzi</i> epimastigote cell cycle. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140619.	1.1	6
12	iTRAQ-based proteomic analysis of <i>Paracoccidioides brasiliensis</i> in response to hypoxia. Microbiological Research, 2021, 247, 126730.	2.5	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.	1.1	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.	0.7	11
15	Novel Possible Protein Targets in Neovascular Age-Related Macular Degeneration: A Pilot Study Experiment. Frontiers in Medicine, 2021, 8, 692272.	1.2	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.	1.8	13
17	Evaluation of different secretomes produced by <i>Clonostachys byssicola</i> as tools to holocellulose breakdown. International Biodeterioration and Biodegradation, 2020, 148, 104880.	1.9	7
18	Figainin 1, a Novel Amphibian Skin Peptide with Antimicrobial and Antiproliferative Properties. Antibiotics, 2020, 9, 625.	1.5	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.	1.5	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.	1.8	6
21	Scorpion Toxins and Ion Channels: Potential Applications in Cancer Therapy. <i>Toxins</i> , 2020, 12, 326.	1.5	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.	1.9	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.	1.8	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.	1.0	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.	1.2	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.	1.8	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.	0.8	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.	1.4	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.	0.7	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.	0.8	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.	1.3	4
32	Metabolic Peculiarities of <i>Paracoccidioides brasiliensis</i> Dimorphism as Demonstrated by iTRAQ Labeling Proteomics. <i>Frontiers in Microbiology</i> , 2019, 10, 555.	1.5	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.	1.7	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.	1.2	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.	1.2	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> . <i>Natural Product Research</i> , 2018, 32, 1383-1389.	1.0	8
38	Dynamic molecular events associated to <i>Plasmodium berghei</i> gametogenesis through proteomic approach. <i>Journal of Proteomics</i> , 2018, 180, 88-98.	1.2	11
39	Proteomic landscape of seminal plasma associated with dairy bull fertility. <i>Scientific Reports</i> , 2018, 8, 16323.	1.6	77
40	Reactive oxygen species quantification by electron paramagnetic resonance and neutrophil NETs formation. <i>Free Radical Biology and Medicine</i> , 2018, 128, S108.	1.3	0
41	Analysis of the Effect of Intestinal Ischemia and Reperfusion on the Rat Neutrophils Proteome. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 89.	1.6	18
42	Proteome analysis of <i>Phytomonas serpens</i> , a phytoparasite of medical interest. <i>PLoS ONE</i> , 2018, 13, e0204818.	1.1	3
43	Label-free quantitative proteomics of rat hypothalamus under fever induced by LPS and PGE2. <i>Journal of Proteomics</i> , 2018, 187, 182-199.	1.2	14
44	Avaliação proteica do humor aquoso de equinos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 1691-1698.	0.1	0
45	Neutrophil proteomic analysis reveals the participation of antioxidant enzymes, motility and ribosomal proteins in the prevention of ischemic effects by preconditioning. <i>Journal of Proteomics</i> , 2017, 151, 162-173.	1.2	10
46	The multifaceted role of extracellular vesicles in metastasis: Priming the soil for seeding. <i>International Journal of Cancer</i> , 2017, 140, 2397-2407.	2.3	56
47	Identification of multienzymatic complexes in the <i>Clonostachys byssicola</i> secretomes produced in response to different lignocellulosic carbon sources. <i>Journal of Biotechnology</i> , 2017, 254, 51-58.	1.9	13
48	Beneficial effects of resistance training on the protein profile of the calcaneal tendon during aging. <i>Experimental Gerontology</i> , 2017, 100, 54-62.	1.2	10
49	Analysis of skin derived peptides from the Cuyaba Dwarf Frog <i>Physalaemus nattereri</i> by off-line LC MALDI MS/MS. <i>International Journal of Mass Spectrometry</i> , 2017, 416, 90-95.	0.7	1
50	High performance mass spectrometry based proteomics reveals enzyme and signaling pathway regulation in neutrophils during the early stage of surgical trauma. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600001.	0.8	10
51	A Timely Shift from Shotgun to Targeted Proteomics and How It Can Be Groundbreaking for Cancer Research. <i>Frontiers in Oncology</i> , 2017, 7, 13.	1.3	52
52	The neutrophil-to-lymphocyte ratio: a narrative review. <i>Ecancermedicalscience</i> , 2016, 10, 702.	0.6	202
53	Editorial (Thematic Issue: Toxins and Their Role as Therapeutic Agents). <i>Protein and Peptide Letters</i> , 2016, 23, 675-675.	0.4	0
54	Meet Our Board Member. <i>Protein and Peptide Letters</i> , 2016, 24, 1-1.	0.4	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. <i>Protein and Peptide Letters</i> , 2016, 23, 142-151.	0.4	19
57	The Amazing World of Peptide Engineering: the Example of Antimicrobial Peptides from Frogs and Their Analogues. <i>Protein and Peptide Letters</i> , 2016, 23, 722-737.	0.4	10
58	Marine Depsipeptides as Promising Pharmacotherapeutic Agents. <i>Current Protein and Peptide Science</i> , 2016, 18, 72-91.	0.7	19
59	Cytotoxic Activity and Antiproliferative Effects of Crude Skin Secretion from <i>Physalaemus nattereri</i> (Anura: Leptodactylidae) on in vitro Melanoma Cells. <i>Toxins</i> , 2015, 7, 3989-4005.	1.5	9
60	Reconciling the IPC and Two-Hit Models: Dissecting the Underlying Cellular and Molecular Mechanisms of Two Seemingly Opposing Frameworks. <i>Journal of Immunology Research</i> , 2015, 2015, 1-11.	0.9	13
61	The Neutrophil Nucleus and Its Role in Neutrophilic Function. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1831-1836.	1.2	45
62	Proteomic analysis of equine amniotic membrane: characterization of proteins. <i>Veterinary Ophthalmology</i> , 2015, 18, 198-209.	0.6	18
63	Cowpea ‘ <i>Meloidogyne incognita</i> ’ interaction: Root proteomic analysis during early stages of nematode infection. <i>Proteomics</i> , 2015, 15, 1746-1759.	1.3	15
64	Cm38: A New Antimicrobial Peptide Active Against <i>Klebsiella pneumoniae</i> is Homologous to Cn11. <i>Protein and Peptide Letters</i> , 2015, 22, 164-172.	0.4	26
65	Micelle Bound Structure and Model Membrane Interaction Studies of the Peptide Hylin a1 from the Arboreal South American Frog &#x201c; <i>Hypsiboas albopunctatus</i> &#x201d;. <i>Protein and Peptide Letters</i> , 2015, 22, 719-726.	0.4	7
66	Evaluation of the effects of ischemic preconditioning on the hematological parameters of rats subjected to intestinal ischemia and reperfusion. <i>Clinics</i> , 2015, 70, 61-68.	0.6	10
67	The Crude Skin Secretion of the Pepper Frog <i>Leptodactylus labyrinthicus</i> Is Rich in Metallo and Serine Peptidases. <i>PLoS ONE</i> , 2014, 9, e96893.	1.1	14
68	Characterization of neutrophil adhesion to different titanium surfaces. <i>Bulletin of Materials Science</i> , 2014, 37, 157-166.	0.8	13
69	Anticancer Peptides and Proteins: A Panoramic View. <i>Protein and Peptide Letters</i> , 2013, 20, 380-391.	0.4	22
70	Comparison of two methods of tear sampling for protein quantification by Bradford method. <i>Pesquisa Veterinaria Brasileira</i> , 2013, 33, 261-264.	0.5	18
71	Anticancer Peptides and Proteins: A Panoramic View. <i>Protein and Peptide Letters</i> , 2013, 20, 380-391.	0.4	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> . <i>Protein and Peptide Letters</i> , 2012, 19, 596-603.	0.4	38

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73	Comparison of the Neutrophil Proteome in Trauma Patients and Normal Controls. <i>Protein and Peptide Letters</i> , 2012, 19, 663-672.	0.4	14
74	Anti-proliferative and cytotoxic activity of pentadactylin isolated from <i>Leptodactylus labyrinthicus</i> on melanoma cells. <i>Amino Acids</i> , 2011, 40, 51-59.	1.2	38
75	Influence of N-terminus modifications on the biological activity, membrane interaction, and secondary structure of the antimicrobial peptide hylin-1. <i>Biopolymers</i> , 2011, 96, 41-48.	1.2	59
76	Proteomic Analysis of Honey Bee Brain upon Ontogenetic and Behavioral Development. <i>Journal of Proteome Research</i> , 2009, 8, 1464-1473.	1.8	67
77	Hylin a1, the first cytolytic peptide isolated from the arboreal South American frog <i>Hypsiboas albopunctatus</i> (‘‘spotted treefrog’’). <i>Peptides</i> , 2009, 30, 291-296.	1.2	62
78	Neutrophil Proteome: Lessons from Different Standpoints. <i>Protein and Peptide Letters</i> , 2008, 15, 995-1001.	0.4	11
79	Purification, characterization and homology analysis of ocellatin 4, a cytolytic peptide from the skin secretion of the frog <i>Leptodactylus ocellatus</i> . <i>Toxicon</i> , 2007, 50, 1095-1104.	0.8	33
80	Biochemical View: A Web Site Providing Material for Teaching Biochemistry Using Multiple Approaches. <i>Journal of Chemical Education</i> , 2007, 84, 1866.	1.1	4
81	A phylogenetic analysis of species in the <i>Bufo crucifer</i> group (Anura: Bufonidae), based on indolealkylamines and proteins from skin secretions. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 457-466.	0.6	10
82	Proteome Analysis of Resting Human Neutrophils. <i>Protein and Peptide Letters</i> , 2006, 13, 481-487.	0.4	20
83	Combinatorial Synthesis and Directed Evolution Applied to the Production of $\alpha$ -Helix Forming Antimicrobial Peptides Analogues. <i>Current Protein and Peptide Science</i> , 2006, 7, 473-478.	0.7	29
84	Proteome analysis of brown spider venom: Identification of loxnecrogin isoforms in <i>Loxosceles gaucho</i> venom. <i>Proteomics</i> , 2005, 5, 2167-2176.	1.3	79
85	Plant Defense and Antimicrobial Peptides. <i>Protein and Peptide Letters</i> , 2005, 12, 11-16.	0.4	133
86	Hylins: Bombinins H Structurally Related Peptides from the Skin Secretion of the Brazilian Tree-Frog <i>Hyla biobeba</i> . <i>Protein and Peptide Letters</i> , 2005, 12, 89-93.	0.4	22
87	Proteome Analysis of Nelore Bull ( <i>Bos taurus indicus</i> ) Seminal Plasma. <i>Protein and Peptide Letters</i> , 2005, 12, 813-817.	0.4	15
88	Protein Mapping of the Salivary Complex from a Hematophagous Leech. <i>OMICS A Journal of Integrative Biology</i> , 2005, 9, 194-208.	1.0	4
89	Ocellatins: New Antimicrobial Peptides from the Skin Secretion of the South American Frog <i>Leptodactylus ocellatus</i> (Anura: Leptodactylidae). <i>Protein Journal</i> , 2004, 23, 501-508.	0.7	43
90	Proteomic analysis of the human pathogen <i>Trypanosoma cruzi</i> . <i>Proteomics</i> , 2004, 4, 1052-1059.	1.3	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.	1.8	33
92	Purification and characterization of loxnegrogin, 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.	0.8	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.	0.7	44
95	Antimicrobial Peptides from Anurans Skin Secretions. <i>Protein and Peptide Letters</i> , 2003, 10, 227-238.	0.4	48
96	Purification and characterization of a new xylanase from <i>Acrophialophora nainiana</i> . <i>Journal of Biotechnology</i> , 2000, 81, 199-204.	1.9	51
97	Improving the Recovery of Lysine in Automated Protein Sequencing. <i>Analytical Biochemistry</i> , 1998, 258, 259-267.	1.1	18
98	Determination of the Amino Acid Sequence of the Plant Cytolysin Enterolobin. <i>Archives of Biochemistry and Biophysics</i> , 1997, 347, 201-207.	1.4	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 hemophilic patients: report of 47 cases. <i>International Surgery</i> , 1992, 77, 118-21.	0.0	10
101	The efficacy of loop colostomy for complete fecal diversion. <i>Diseases of the Colon and Rectum</i> , 1988, 31, 298-302.	0.7	22
102	Proteome of <i>Erythroxylum pungens</i> (Erythroxylaceae): an endemic species of the semiarid Caatinga. <i>Plant Biosystems</i> , 0, , 1-3.	0.8	1
103	Mastoparans: A Group of Multifunctional $\alpha$ -Helical Peptides With Promising Therapeutic Properties. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	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, .	1.3	2