

Fabio Nogueira

List of Publications by Year in descending order

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106
papers

2,215
citations

270111

25
h-index

312153

41
g-index

118
all docs

118
docs citations

118
times ranked

3757
citing authors

#	ARTICLE	IF	CITATIONS
1	Decellularized Extracellular Matrix Powder Accelerates Metabolic Maturation at Early Stages of Cardiac Differentiation in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Cells Tissues Organs</i> , 2023, 212, 32-44.	1.3	5
2	Proteomics of ZIKV infected amniotic fluids of microcephalic fetuses reveals extracellular matrix and immune system dysregulation. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100041.	0.8	5
3	Proteomic profiles of Zika virus-infected placentas bearing fetuses with microcephaly. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100042.	0.8	5
4	Improving hemocompatibility of decellularized liver scaffold using Custodiol solution. <i>Materials Science and Engineering C</i> , 2022, , 112642.	3.8	4
5	Sheltered in Stromal Tissue Cells, <i>Trypanosoma cruzi</i> Orchestrates Inflammatory Neovascularization via Activation of the Mast Cell Chymase Pathway. <i>Pathogens</i> , 2022, 11, 187.	1.2	2
6	Proteomic Analysis of Embryo Isolated From Mature <i>Jatropha curcas</i> L. Seeds. <i>Frontiers in Plant Science</i> , 2022, 13, 843764.	1.7	1
7	<i>Aspergillus awamori</i> endoglucanase-rich supernatant enhances lignocellulosic biomass liquefaction in high-solids enzymatic hydrolysis. <i>Biochemical Engineering Journal</i> , 2022, 183, 108448.	1.8	2
8	Enzymes in the time of COVID-19: An overview about the effects in the human body, enzyme market, and perspectives for new drugs. <i>Medicinal Research Reviews</i> , 2022, 42, 2126-2167.	5.0	4
9	The mitochondrial isoform glutathione peroxidase 3 (OsGPX3) is involved in ABA responses in rice plants. <i>Journal of Proteomics</i> , 2021, 232, 104029.	1.2	6
10	Assessing the effects of an acute exposure to worst-case concentration of Cry proteins on zebrafish using the embryotoxicity test and proteomics analysis. <i>Chemosphere</i> , 2021, 264, 128538.	4.2	4
11	The impact of blood-processing time on the proteome of human peripheral blood mononuclear cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140581.	1.1	6
12	Identification and recombinant expression of an antimicrobial peptide (cecropin B-like) from soybean pest <i>Anticarsia gemmatalis</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200127.	0.8	0
13	Cues from human atrial extracellular matrix enrich the atrial differentiation of human induced pluripotent stem cell-derived cardiomyocytes. <i>Biomaterials Science</i> , 2021, 9, 3737-3749.	2.6	8
14	Metabolic profiles of multidrug resistant and extensively drug resistant <i>Mycobacterium tuberculosis</i> unveiled by metabolomics. <i>Tuberculosis</i> , 2021, 126, 102043.	0.8	15
15	Comprehensive Quantitative Proteome Analysis of <i>Aedes aegypti</i> Identifies Proteins and Pathways Involved in <i>Wolbachia pipientis</i> and Zika Virus Interference Phenomenon. <i>Frontiers in Physiology</i> , 2021, 12, 642237.	1.3	17
16	Monitoring casbene synthase in <i>Jatropha curcas</i> tissues using targeted proteomics. <i>Plant Methods</i> , 2021, 17, 15.	1.9	1
17	Quantitative proteomic analysis reveals altered enzyme expression profile in <i>Zea mays</i> roots during the early stages of colonization by <i>Herbaspirillum seropedicae</i> . <i>Proteomics</i> , 2021, 21, e2000129.	1.3	5
18	O-GlcNAcylation protein disruption by Thiamet G promotes changes on the GBM U87-MG cells secretome molecular signature. <i>Clinical Proteomics</i> , 2021, 18, 14.	1.1	5

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19	Ancient enamel peptides recovered from the South American Pleistocene species <i>Notiomastodon platensis</i> and <i>Myocastor cf. coypus</i> . <i>Journal of Proteomics</i> , 2021, 240, 104187.	1.2	10
20	The human melanoma proteome atlas—Defining the molecular pathology. <i>Clinical and Translational Medicine</i> , 2021, 11, e473.	1.7	14
21	The Human Melanoma Proteome Atlas—Complementing the melanoma transcriptome. <i>Clinical and Translational Medicine</i> , 2021, 11, e451.	1.7	20
22	Quantitative profiling of axonal guidance proteins during the differentiation of human neurospheres. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140656.	1.1	6
23	<i>Bacillus velezensis</i> H2O-1 surfactin efficiently maintains its interfacial properties in extreme conditions found in post-salt and pre-salt oil reservoirs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112072.	2.5	6
24	Topological Dissection of Proteomic Changes Linked to the Limbic Stage of Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 750665.	2.2	5
25	Short-Term Effect of Induced Alterations in Testosterone Levels on Fasting Plasma Amino Acid Levels in Healthy Young Men. <i>Life</i> , 2021, 11, 1276.	1.1	2
26	Asperelines Produced by the Endophytic Fungus <i>Trichoderma asperelloides</i> From the Aquatic Plant <i>Victoria amazonica</i> . <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 667-675.	0.6	1
27	Mapping the Melanoma Plasma Proteome (MPP) Using Single-Shot Proteomics Interfaced with the WiMT Database. <i>Cancers</i> , 2021, 13, 6224.	1.7	4
28	Novel functional proteins coded by the human genome discovered in metastases of melanoma patients. <i>Cell Biology and Toxicology</i> , 2020, 36, 261-272.	2.4	9
29	Proteome Dynamics of the Developing <i>Açaí</i> Berry Pericarp (<i>Euterpe oleracea</i> Mart.). <i>Journal of Proteome Research</i> , 2020, 19, 437-445.	1.8	6
30	Proteomic analysis of whole saliva in chronic periodontitis. <i>Journal of Proteomics</i> , 2020, 213, 103602.	1.2	29
31	Toxicoproteomics Disclose Pesticides as Downregulators of TNF- α , IL-1 β and Estrogen Receptor Pathways in Breast Cancer Women Chronically Exposed. <i>Frontiers in Oncology</i> , 2020, 10, 1698.	1.3	14
32	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	5.8	152
33	Transcriptomic and proteomic analysis from black widow spider venom (<i>Latrodectus curacaviensis</i>). <i>Toxicon</i> , 2020, 177, S49-S50.	0.8	0
34	Extracellular vesicles from <i>Bothrops jararaca</i> venom: Composition and initial assessment of biological functions. <i>Toxicon</i> , 2020, 177, S59.	0.8	0
35	Quantitative Proteome Analysis of <i>Jatropha curcas</i> L. Genotypes with Contrasting Levels of Phorbol Esters. <i>Proteomics</i> , 2020, 20, 1900273.	1.3	1
36	Proteome dynamics of the cotyledonary haustorium and endosperm in the course of germination of <i>Euterpe oleracea</i> seeds. <i>Plant Science</i> , 2020, 298, 110569.	1.7	5

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37	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020, 13, .	1.6	39
38	Proteomics analysis of zebrafish larvae exposed to 3,4-dichloroaniline using the fish embryo acute toxicity test. <i>Environmental Toxicology</i> , 2020, 35, 849-860.	2.1	16
39	Proteomics pinpoints alterations in grade I meningiomas of male versus female patients. <i>Scientific Reports</i> , 2020, 10, 10335.	1.6	10
40	Different Signatures of High Cardiorespiratory Capacity Revealed With Metabolomic Profiling in Elite Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1156-1167.	1.1	11
41	Identification of soybean trans-factors associated with plastid RNA editing sites. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190067.	0.6	2
42	Abstract 281: Human Atrial Extracellular Matrix Drives Differentiation of Human Induced Pluripotent Stem Cell-derived Cardiomyocytes Toward an Atrial Phenotype. <i>Circulation Research</i> , 2020, 127, .	2.0	0
43	Fire Ant Venom Alkaloids Inhibit Biofilm Formation. <i>Toxins</i> , 2019, 11, 420.	1.5	14
44	Metabolomic profiling suggests systemic signatures of premature aging induced by Hutchinson-Gilford progeria syndrome. <i>Metabolomics</i> , 2019, 15, 100.	1.4	4
45	Tissue Proteome Signatures Associated with Five Grades of Prostate Cancer and Benign Prostatic Hyperplasia. <i>Proteomics</i> , 2019, 19, e1900174.	1.3	27
46	Evaluation of the effects of humic acids on maize root architecture by label-free proteomics analysis. <i>Scientific Reports</i> , 2019, 9, 12019.	1.6	39
47	Quantitative Subcellular Proteomics of the Orbitofrontal Cortex of Schizophrenia Patients. <i>Journal of Proteome Research</i> , 2019, 18, 4240-4253.	1.8	21
48	A <i>Lotus japonicus</i> cytoplasmic kinase connects Nod factor perception by the NFR5 LysM receptor to nodulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14339-14348.	3.3	28
49	Proteomic signatures of brain regions affected by tau pathology in early and late stages of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2019, 130, 104509.	2.1	46
50	Proteomic Analysis and Functional Validation of a Brassica oleracea Endochitinase Involved in Resistance to <i>Xanthomonas campestris</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 414.	1.7	13
51	The ribosome assembly factor Nop53 controls association of the RNA exosome with pre-60S particles in yeast. <i>Journal of Biological Chemistry</i> , 2019, 294, 19365-19380.	1.6	10
52	In-Depth Proteome Analysis of <i>Ricinus communis</i> Pollens. <i>Proteomics</i> , 2019, 19, 1800347.	1.3	0
53	Comparing intestinal versus diffuse gastric cancer using a PEFf-oriented proteomic pipeline. <i>Journal of Proteomics</i> , 2018, 171, 63-72.	1.2	11
54	Common Features Between the Proteomes of Floral and Extrafloral Nectar From the Castor Plant (<i>Ricinus Communis</i>) and the Proteomes of Exudates From Carnivorous Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 549.	1.7	8

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55	Mass spectrometry evaluation of a neuroblastoma SH-SY5Y cell culture protocol. <i>Analytical Biochemistry</i> , 2018, 559, 51-54.	1.1	2
56	Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 39-50.	1.2	30
57	Abstract 503: Modeling Premature Cardiac Aging by Induced Pluripotent Stem Cell From a Patient With Hutchinson-Gilford Progeria Syndrome. <i>Circulation Research</i> , 2018, 123, .	2.0	1
58	7-Ketocholesterol overcomes drug resistance in chronic myeloid leukemia cell lines beyond MDR1 mechanism. <i>Journal of Proteomics</i> , 2017, 151, 12-23.	1.2	22
59	Proteomic analysis of the kissing bug <i>Rhodnius prolixus</i> antenna. <i>Journal of Insect Physiology</i> , 2017, 100, 108-118.	0.9	21
60	Application of iTRAQ Shotgun Proteomics for Measurement of Brain Proteins in Studies of Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 219-227.	0.8	5
61	Editorial: Special Issue on Brazilian Proteomics. <i>Journal of Proteomics</i> , 2017, 151, 1.	1.2	0
62	Doping control analysis at the Rio 2016 Olympic and Paralympic Games. <i>Drug Testing and Analysis</i> , 2017, 9, 1658-1672.	1.6	26
63	Synaptosomal Proteome of the Orbitofrontal Cortex from Schizophrenia Patients Using Quantitative Label-Free and iTRAQ-Based Shotgun Proteomics. <i>Journal of Proteome Research</i> , 2017, 16, 4481-4494.	1.8	44
64	Quantitative proteomic analysis identifies proteins and pathways related to neuronal development in differentiated SH-SY5Y neuroblastoma cells. <i>EuPA Open Proteomics</i> , 2017, 16, 1-11.	2.5	48
65	A proteomic approach to compare saliva from individuals with and without oral leukoplakia. <i>Journal of Proteomics</i> , 2017, 151, 43-52.	1.2	27
66	Quantitative proteomic analysis of the <i>Saccharomyces cerevisiae</i> industrial strains CAT-1 and PE-2. <i>Journal of Proteomics</i> , 2017, 151, 114-121.	1.2	18
67	It is time for top-down venomics. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 44.	0.8	34
68	iTRAQ-Based Shotgun Proteomics Approach for Relative Protein Quantification. <i>Methods in Molecular Biology</i> , 2017, 1546, 267-274.	0.4	10
69	A Time-Based and Intratumoral Proteomic Assessment of a Recurrent Glioblastoma Multiforme. <i>Frontiers in Oncology</i> , 2016, 6, 183.	1.3	13
70	Time-course proteome analysis of developing extrafloral nectaries of <i>Ricinus communis</i> . <i>Proteomics</i> , 2016, 16, 629-633.	1.3	17
71	Comparative proteome analysis reveals that blood and sugar meals induce differential protein expression in <i>Aedes aegypti</i> female heads. <i>Proteomics</i> , 2016, 16, 2582-2586.	1.3	10
72	GeLC-MS-based proteomics of <i>Chromobacterium violaceum</i> : comparison of proteome changes elicited by hydrogen peroxide. <i>Scientific Reports</i> , 2016, 6, 28174.	1.6	5

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73	Shotgun Approaches for Venom Analysis. , 2016, , 367-380.		0
74	Deep proteome analysis of gerontoplasts from the inner integument of developing seeds of <i>Jatropha curcas</i> . <i>Journal of Proteomics</i> , 2016, 143, 346-352.	1.2	12
75	Proteomic Analysis of the Endosperm Ontogeny of <i>Jatropha curcas</i> L. Seeds. <i>Journal of Proteome Research</i> , 2015, 14, 2557-2568.	1.8	21
76	Seeing beyond the tip of the iceberg: A deep analysis of the venom of the Brazilian Rattlesnake, <i>Crotalus durissus terrificus</i> . <i>EuPA Open Proteomics</i> , 2015, 8, 144-156.	2.5	21
77	Deciphering the Human Brain Proteome: Characterization of the Anterior Temporal Lobe and Corpus Callosum As Part of the Chromosome 15-centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2014, 13, 147-157.	1.8	16
78	Exploring the Proteomic Landscape of a Gastric Cancer Biopsy with the Shotgun Imaging Analyzer. <i>Journal of Proteome Research</i> , 2014, 13, 314-320.	1.8	18
79	Proteome Analysis of the Inner Integument from Developing <i>Jatropha curcas</i> L. Seeds. <i>Journal of Proteome Research</i> , 2014, 13, 3562-3570.	1.8	14
80	Unraveling the Processing and Activation of Snake Venom Metalloproteinases. <i>Journal of Proteome Research</i> , 2014, 13, 3338-3348.	1.8	23
81	Survey of Shotgun Proteomics. <i>Methods in Molecular Biology</i> , 2014, 1156, 3-23.	0.4	15
82	Differential expression of cysteine peptidase genes in the inner integument and endosperm of developing seeds of <i>Jatropha curcas</i> L. (<i>Euphorbiaceae</i>). <i>Plant Science</i> , 2013, 213, 30-37.	1.7	21
83	Isotope Labeling-Based Quantitative Proteomics of Developing Seeds of Castor Oil Seed (<i>Ricinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	27
84	Proteome Analysis of Plastids from Developing Seeds of <i>Jatropha curcas</i> L. <i>Journal of Proteome Research</i> , 2013, 12, 5137-5145.	1.8	17
85	Major heparin-binding proteins of the seminal plasma from Morada Nova rams. <i>Small Ruminant Research</i> , 2013, 113, 115-127.	0.6	31
86	Seminal plasma proteins and their relationship with sperm motility in Santa Ines rams. <i>Small Ruminant Research</i> , 2013, 109, 94-100.	0.6	37
87	HI-Bone: A Scoring System for Identifying Phenylisothiocyanate-Derivatized Peptides Based on Precursor Mass and High Intensity Fragment Ions. <i>Analytical Chemistry</i> , 2013, 85, 3515-3520.	3.2	7
88	Effectively addressing complex proteomic search spaces with peptide spectrum matching. <i>Bioinformatics</i> , 2013, 29, 1343-1344.	1.8	20
89	Characterization of rhamnolipids produced by wild-type and engineered <i>Burkholderia kururiensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1909-1921.	1.7	83
90	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.	2.5	118

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91	Proteomic profile of the nucellus of castor bean (<i>Ricinus communis</i> L.) seeds during development. <i>Journal of Proteomics</i> , 2012, 75, 1933-1939.	1.2	31
92	Proteomic analysis of the reproductive tract fluids from tropically-adapted Santa Ines rams. <i>Journal of Proteomics</i> , 2012, 75, 4436-4456.	1.2	83
93	Performance of Isobaric and Isotopic Labeling in Quantitative Plant Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 3046-3052.	1.8	52
94	Global proteome changes in larvae of <i>Callosobruchus maculatus</i> <i>Proteomics</i> , 2012, 12, 2704-2715.	1.3	30
95	Analysis of the salivary proteome in gingivitis patients. <i>Journal of Periodontal Research</i> , 2011, 46, no-no.	1.4	46
96	Heat and phosphate starvation effects on the proteome, morphology and chemical composition of the biomining bacteria <i>Acidithiobacillus ferrooxidans</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1469-1479.	1.7	12
97	Laticifer proteins play a defensive role against hemibiotrophic and necrotrophic phytopathogens. <i>Planta</i> , 2011, 234, 183-193.	1.6	49
98	Proteomic analysis of urine in rats chronically exposed to fluoride. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 8-14.	1.4	16
99	Osmotin purified from the latex of <i>Calotropis procera</i> : Biochemical characterization, biological activity and role in plant defense. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 738-743.	2.8	58
100	Comparative proteomic analysis of whole saliva from chronic periodontitis patients. <i>Journal of Proteomics</i> , 2010, 73, 1334-1341.	1.2	121
101	Proteome analysis of castor bean seeds. <i>Pure and Applied Chemistry</i> , 2010, 82, 259-267.	0.9	15
102	Proteomic analysis of kidney in rats chronically exposed to fluoride. <i>Chemico-Biological Interactions</i> , 2009, 180, 305-311.	1.7	45
103	Proteome analysis of secondary somatic embryogenesis in cassava (<i>Manihot esculenta</i>). <i>Plant Science</i> , 2008, 175, 717-723.	1.7	55
104	Proteome analysis of embryogenic cell suspensions of cowpea (<i>Vigna unguiculata</i>). <i>Plant Cell Reports</i> , 2007, 26, 1333-1343.	2.8	43
105	Protein Extraction From Cowpea Tissues for 2-D Gel Electrophoresis and MS Analysis. <i>Chromatographia</i> , 2005, 62, 447-450.	0.7	33
106	Interspecies Isobaric Labeling-Based Quantitative Proteomics Reveals Protein Changes in the Ovary of <i>Aedes aegypti</i> Coinfected With ZIKV and Wolbachia. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2