

Gilberto B Domont

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,021
citations

535685

17
h-index

536525

29
g-index

59
all docs

59
docs citations

59
times ranked

2125
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Proteomic profiles of Zika virus-infected placentas bearing fetuses with microcephaly. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100042.	0.8	5
3	Improving hemocompatibility of decellularized liver scaffold using Custodiol solution. <i>Materials Science and Engineering C</i> , 2022, , 112642.	3.8	4
4	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
5	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
6	Scents and Flavors of Mass Spectrometry in Latin America. <i>Journal of Proteome Research</i> , 2022, 21, 1-1.	1.8	0
7	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
8	Monitoring casbene synthase in <i>Jatropha curcas</i> tissues using targeted proteomics. <i>Plant Methods</i> , 2021, 17, 15.	1.9	1
9	Exploring the biological activities and proteome of Brazilian scorpion <i>Rhopalurus agamemnon</i> venom. <i>Journal of Proteomics</i> , 2021, 237, 104119.	1.2	7
10	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
11	The human melanoma proteome atlas—Defining the molecular pathology. <i>Clinical and Translational Medicine</i> , 2021, 11, e473.	1.7	14
12	The Human Melanoma Proteome Atlas—Complementing the melanoma transcriptome. <i>Clinical and Translational Medicine</i> , 2021, 11, e451.	1.7	20
13	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
14	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
15	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
16	Deep Proteomic Analysis on Biobanked Paraffine-Archived Melanoma with Prognostic/Predictive Biomarker Read-Out. <i>Cancers</i> , 2021, 13, 6105.	1.7	3
17	Mapping the Melanoma Plasma Proteome (MPP) Using Single-Shot Proteomics Interfaced with the WiMT Database. <i>Cancers</i> , 2021, 13, 6224.	1.7	4
18	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

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19	Proteome Dynamics of the Developing <i>Azadirachta indica</i> Berry Pericarp (<i>Euterpe oleracea</i> Mart.). <i>Journal of Proteome Research</i> , 2020, 19, 437-445.	1.8	6
20	Proteomic analysis of whole saliva in chronic periodontitis. <i>Journal of Proteomics</i> , 2020, 213, 103602.	1.2	29
21	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	5.8	152
22	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
23	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020, 13, .	1.6	39
24	Back to the Future with Proteins and Proteomics. <i>Brazilian Journal of Analytical Chemistry</i> , 2020, 7, 3-10.	0.3	0
25	Metabolomic profiling suggests systemic signatures of premature aging induced by Hutchinsonian Gilford progeria syndrome. <i>Metabolomics</i> , 2019, 15, 100.	1.4	4
26	Quantitative Subcellular Proteomics of the Orbitofrontal Cortex of Schizophrenia Patients. <i>Journal of Proteome Research</i> , 2019, 18, 4240-4253.	1.8	21
27	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
28	Computational fluid dynamic analysis of physical forces playing a role in brain organoid cultures in two different multiplex platforms. <i>BMC Developmental Biology</i> , 2019, 19, 3.	2.1	31
29	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
30	In-Depth Proteome Analysis of <i>Ricinus communis</i> Pollens. <i>Proteomics</i> , 2019, 19, 1800347.	1.3	0
31	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. <i>Journal of Proteome Research</i> , 2018, 17, 4042-4050.	1.8	41
32	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
33	Mass spectrometry evaluation of a neuroblastoma SH-SY5Y cell culture protocol. <i>Analytical Biochemistry</i> , 2018, 559, 51-54.	1.1	2
34	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
35	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
36	DiagnoProt: a tool for discovery of new molecules by mass spectrometry. <i>Bioinformatics</i> , 2017, 33, 1883-1885.	1.8	7

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37	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
38	Proteomic assessment of colorectal cancers and respective resection margins from patients of the Amazon state of Brazil. <i>Journal of Proteomics</i> , 2017, 154, 59-68.	1.2	4
39	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
40	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
41	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
42	It is time for top-down venomomics. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 44.	0.8	34
43	iTRAQ-Based Shotgun Proteomics Approach for Relative Protein Quantification. <i>Methods in Molecular Biology</i> , 2017, 1546, 267-274.	0.4	10
44	A Time-Based and Intratumoral Proteomic Assessment of a Recurrent Glioblastoma Multiforme. <i>Frontiers in Oncology</i> , 2016, 6, 183.	1.3	13
45	Time-course proteome analysis of developing extrafloral nectaries of <i>Ricinus communis</i> . <i>Proteomics</i> , 2016, 16, 629-633.	1.3	17
46	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
47	CN-GELFrEE - Clear Native Gel-eluted Liquid Fraction Entrapment Electrophoresis. <i>Journal of Visualized Experiments</i> , 2016, , 53597.	0.2	9
48	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
49	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	1.8	53
50	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
51	Oligomerization and Membrane-binding Properties of Covalent Adducts Formed by the Interaction of β -Synuclein with the Toxic Dopamine Metabolite 3,4-Dihydroxyphenylacetaldehyde (DOPAL). <i>Journal of Biological Chemistry</i> , 2015, 290, 27660-27679.	1.6	100
52	Two decades of proteomics in Latin America: A personal view. <i>Journal of Proteomics</i> , 2014, 107, 83-92.	1.2	7
53	Microbial Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 1-1.	1.8	4
54	Proteome analysis of castor bean seeds. <i>Pure and Applied Chemistry</i> , 2010, 82, 259-267.	0.9	15

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55	GO Explorer: A gene-ontology tool to aid in the interpretation of shotgun proteomics data. <i>Proteome Science</i> , 2009, 7, 6.	0.7	35