

Daniel Martins-de-Souza

List of Publications by Year in descending order

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205
papers

6,014
citations

87723

38
h-index

102304

66
g-index

231
all docs

231
docs citations

231
times ranked

8844
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1 α /Glycolysis-Dependent Axis. <i>Cell Metabolism</i> , 2020, 32, 437-446.e5.	7.2	578
2	Prefrontal cortex shotgun proteome analysis reveals altered calcium homeostasis and immune system imbalance in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 151-163.	1.8	180
3	Proteomic analysis of dorsolateral prefrontal cortex indicates the involvement of cytoskeleton, oligodendrocyte, energy metabolism and new potential markers in schizophrenia. <i>Journal of Psychiatric Research</i> , 2009, 43, 978-986.	1.5	165
4	Identification of proteomic signatures associated with depression and psychotic depression in post-mortem brains from major depression patients. <i>Translational Psychiatry</i> , 2012, 2, e87-e87.	2.4	162
5	Proteome analysis of the thalamus and cerebrospinal fluid reveals glycolysis dysfunction and potential biomarkers candidates for schizophrenia. <i>Journal of Psychiatric Research</i> , 2010, 44, 1176-1189.	1.5	158
6	Alterations in oligodendrocyte proteins, calcium homeostasis and new potential markers in schizophrenia anterior temporal lobe are revealed by shotgun proteome analysis. <i>Journal of Neural Transmission</i> , 2009, 116, 275-289.	1.4	137
7	Proteome analysis of schizophrenia patients Wernicke's area reveals an energy metabolism dysregulation. <i>BMC Psychiatry</i> , 2009, 9, 17.	1.1	133
8	2DE: The Phoenix of Proteomics. <i>Journal of Proteomics</i> , 2014, 104, 140-150.	1.2	123
9	Zika virus disrupts molecular fingerprinting of human neurospheres. <i>Scientific Reports</i> , 2017, 7, 40780.	1.6	120
10	The Role of Energy Metabolism Dysfunction and Oxidative Stress in Schizophrenia Revealed by Proteomics. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2067-2079.	2.5	113
11	The Energy Metabolism Dysfunction in Psychiatric Disorders Postmortem Brains: Focus on Proteomic Evidence. <i>Frontiers in Neuroscience</i> , 2017, 11, 493.	1.4	108
12	The proteome of schizophrenia. <i>NPJ Schizophrenia</i> , 2015, 1, 14003.	2.0	96
13	Proteomic changes in serum of first onset, antidepressant drug-naïve major depression patients. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1599-1608.	1.0	91
14	Proteome analysis of the plant pathogen <i>Xylella fastidiosa</i> reveals major cellular and extracellular proteins and a peculiar codon bias distribution. <i>Proteomics</i> , 2003, 3, 224-237.	1.3	87
15	Short term changes in the proteome of human cerebral organoids induced by 5-MeO-DMT. <i>Scientific Reports</i> , 2017, 7, 12863.	1.6	87
16	Proteome analysis of schizophrenia brain tissue. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 110-120.	1.3	82
17	Dysregulated Expression of Neuregulin-1 by Cortical Pyramidal Neurons Disrupts Synaptic Plasticity. <i>Cell Reports</i> , 2014, 8, 1130-1145.	2.9	81
18	Protein phosphorylation patterns in serum from schizophrenia patients and healthy controls. <i>Journal of Proteomics</i> , 2012, 76, 43-55.	1.2	80

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19	Proteome and transcriptome analysis suggests oligodendrocyte dysfunction in schizophrenia. <i>Journal of Psychiatric Research</i> , 2010, 44, 149-156.	1.5	75
20	Derivation of Functional Human Astrocytes from Cerebral Organoids. <i>Scientific Reports</i> , 2017, 7, 45091.	1.6	75
21	Proteomic Analysis Identifies Dysfunction in Cellular Transport, Energy, and Protein Metabolism in Different Brain Regions of Atypical Frontotemporal Lobar Degeneration. <i>Journal of Proteome Research</i> , 2012, 11, 2533-2543.	1.8	73
22	Sex-specific proteome differences in the anterior cingulate cortex of schizophrenia. <i>Journal of Psychiatric Research</i> , 2010, 44, 989-991.	1.5	72
23	Proteomics, metabolomics, and protein interactomics in the characterization of the molecular features of major depressive disorder. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 63-73.	1.8	72
24	Proteomics of the corpus callosum unravel pivotal players in the dysfunction of cell signaling, structure, and myelination in schizophrenia brains. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 601-612.	1.8	70
25	Phosphoproteomic differences in major depressive disorder postmortem brains indicate effects on synaptic function. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 657-666.	1.8	67
26	Disturbed macro-connectivity in schizophrenia linked to oligodendrocyte dysfunction: from structural findings to molecules. <i>NPJ Schizophrenia</i> , 2015, 1, 15034.	2.0	64
27	To label or not to label: Applications of quantitative proteomics in neuroscience research. <i>Proteomics</i> , 2012, 12, 736-747.	1.3	60
28	Human Cerebral Organoids and Fetal Brain Tissue Share Proteomic Similarities. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 303.	1.8	58
29	Quantitative proteomics for investigating psychiatric disorders. <i>Proteomics - Clinical Applications</i> , 2011, 5, 38-49.	0.8	57
30	The role of proteomics in depression research. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 499-506.	1.8	54
31	Identification of a blood-based biological signature in subjects with psychiatric disorders prior to clinical manifestation. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 627-632.	1.3	50
32	Different apolipoprotein E, apolipoprotein A1 and prostaglandin-H2 D-isomerase levels in cerebrospinal fluid of schizophrenia patients and healthy controls. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 719-728.	1.3	47
33	The use of ASB-14 in combination with CHAPS is the best for solubilization of human brain proteins for two-dimensional gel electrophoresis. <i>Briefings in Functional Genomics & Proteomics</i> , 2007, 6, 70-75.	3.8	46
34	The overexpression of a single oncogene (ERBB2/HER2) alters the proteomic landscape of extracellular vesicles. <i>Proteomics</i> , 2014, 14, 1472-1479.	1.3	46
35	Clozapine promotes glycolysis and myelin lipid synthesis in cultured oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 384.	1.8	45
36	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

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37	Transcriptome of iPSC-derived neuronal cells reveals a module of co-expressed genes consistently associated with autism spectrum disorder. <i>Molecular Psychiatry</i> , 2021, 26, 1589-1605.	4.1	44
38	Isolation and functional characterization of a new acidic PLA2 Ba SpII RP4 of the <i>Bothrops alternatus</i> snake venom from Argentina. <i>Toxicon</i> , 2010, 56, 64-74.	0.8	40
39	Toluene gas phase biofiltration by <i>Paecilomyces lilacinus</i> and isolation and identification of a hydrophobin protein produced thereof. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 147-54.	1.7	39
40	Increased stress reactivity is associated with reduced hippocampal activity and neuronal integrity along with changes in energy metabolism. <i>European Journal of Neuroscience</i> , 2012, 35, 412-422.	1.2	38
41	Microbiota-derived short-chain fatty acids do not interfere with SARS-CoV-2 infection of human colonic samples. <i>Gut Microbes</i> , 2021, 13, 1-9.	4.3	38
42	The protein interactome of collapsin response mediator protein 2 (CRMP2/DPYSL2) reveals novel partner proteins in brain tissue. <i>Proteomics - Clinical Applications</i> , 2015, 9, 817-831.	0.8	37
43	Novel Treatment Strategies Targeting Myelin and Oligodendrocyte Dysfunction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 379.	1.3	37
44	Is the word "biomarker"™ being properly used by proteomics research in neuroscience?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 561-562.	1.8	36
45	Proteome analyses of cultured astrocytes treated with MK-801 and clozapine: similarities with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 217-228.	1.8	36
46	Characterization of the human serum depletome by label-free shotgun proteomics. <i>Journal of Separation Science</i> , 2011, 34, 1621-1626.	1.3	36
47	LC-MSE, Multiplex MS/MS, Ion Mobility, and Label-Free Quantitation in Clinical Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1546, 57-73.	0.4	36
48	MK-801 treatment affects glycolysis in oligodendrocytes more than in astrocytes and neuronal cells: insights for schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2015, 09, 180.	1.8	35
49	Making Sense of Blood-Based Proteomics and Metabolomics in Psychiatric Research. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv138.	1.0	35
50	Effect of MK-801 and Clozapine on the Proteome of Cultured Human Oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 52.	1.8	35
51	Psychiatric disorders biochemical pathways unraveled by human brain proteomics. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 3-17.	1.8	35
52	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia, part III: Molecular mechanisms. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 330-356.	1.3	33
53	The Nuclear Proteome of White and Gray Matter from Schizophrenia Postmortem Brains. <i>Molecular Neuropsychiatry</i> , 2017, 3, 37-52.	3.0	32
54	Proteomic Technologies for Biomarker Studies in Psychiatry. <i>International Review of Neurobiology</i> , 2011, 101, 65-94.	0.9	31

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55	The application of selective reaction monitoring confirms dysregulation of glycolysis in a preclinical model of schizophrenia. <i>BMC Research Notes</i> , 2012, 5, 146.	0.6	31
56	Biomarkers for Psychiatric Disorders: Where Are We Standing?. <i>Disease Markers</i> , 2013, 35, 1-2.	0.6	31
57	Ten years of proteomics in multiple sclerosis. <i>Proteomics</i> , 2014, 14, 467-480.	1.3	31
58	Enabling point-of-care testing and personalized medicine for schizophrenia. <i>NPJ Schizophrenia</i> , 2017, 3, 1.	2.0	30
59	Blood plasma/IgG N-glycome biosignatures associated with major depressive disorder symptom severity and the antidepressant response. <i>Scientific Reports</i> , 2018, 8, 179.	1.6	30
60	Proteomics Tackling Schizophrenia as a Pathway Disorder. <i>Schizophrenia Bulletin</i> , 2012, 38, 1107-1108.	2.3	28
61	Proteomic approaches to unravel the complexity of schizophrenia. <i>Expert Review of Proteomics</i> , 2012, 9, 97-108.	1.3	28
62	Affinity Depletion of Plasma and Serum for Mass Spectrometry-Based Proteome Analysis. <i>Methods in Molecular Biology</i> , 2013, 1002, 1-11.	0.4	28
63	Shotgun Mass Spectrometry Workflow Combining IEF and LC-MALDI-TOF/TOF. <i>Protein Journal</i> , 2010, 29, 99-102.	0.7	27
64	The emergence of point-of-care blood-based biomarker testing for psychiatric disorders: enabling personalized medicine. <i>Biomarkers in Medicine</i> , 2016, 10, 431-443.	0.6	26
65	Abnormalities in Metabolism and Hypothalamic-Pituitary-Adrenal Axis Function in Schizophrenia. <i>International Review of Neurobiology</i> , 2011, 101, 145-168.	0.9	24
66	Differential expression of HINT1 in schizophrenia brain tissue. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 167-172.	1.8	24
67	The human oligodendrocyte proteome. <i>Proteomics</i> , 2013, 13, 3548-3553.	1.3	24
68	Drug repositioning for psychiatric and neurological disorders through a network medicine approach. <i>Translational Psychiatry</i> , 2020, 10, 141.	2.4	24
69	Biological pathways modulated by antipsychotics in the blood plasma of schizophrenia patients and their association to a clinical response. <i>NPJ Schizophrenia</i> , 2015, 1, 15050.	2.0	23
70	Characterizing the proteome of the human dorsolateral prefrontal cortex by shotgun mass spectrometry. <i>Proteomics</i> , 2011, 11, 2347-2353.	1.3	22
71	Blood Mononuclear Cell Proteome Suggests Integrin and Ras Signaling as Critical Pathways for Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2014, 76, e15-e17.	0.7	22
72	Differential proteome and phosphoproteome may impact cell signaling in the corpus callosum of schizophrenia patients. <i>Schizophrenia Research</i> , 2016, 177, 70-77.	1.1	22

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73	Peptidomic analysis of the anterior temporal lobe and corpus callosum from schizophrenia patients. <i>Journal of Proteomics</i> , 2017, 151, 97-105.	1.2	22
74	Proteomics as a Tool for Understanding Schizophrenia. <i>Clinical Psychopharmacology and Neuroscience</i> , 2011, 9, 95-101.	0.9	22
75	Shotgun mass spectrometry analysis of the human thalamus proteome. <i>Journal of Separation Science</i> , 2009, 32, 1231-1236.	1.3	21
76	Neurotoxic, Myotoxic and Cytolytic Activities of the New Basic PLA2 Isoforms BmjeTX-I and BmjeTX-II Isolated from the Bothrops marajoensis (Marajá ³ Lancehead) Snake Venom. <i>Protein Journal</i> , 2010, 29, 103-113.	0.7	21
77	Blood-Based Lipidomics Approach to Evaluate Biomarkers Associated With Response to Olanzapine, Risperidone, and Quetiapine Treatment in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2018, 9, 209.	1.3	21
78	Quantitative Subcellular Proteomics of the Orbitofrontal Cortex of Schizophrenia Patients. <i>Journal of Proteome Research</i> , 2019, 18, 4240-4253.	1.8	21
79	Structural and functional characterization of brazilitoxins II and III (BbTX-II and -III), two myotoxins from the venom of Bothrops brazili snake. <i>Toxicon</i> , 2009, 54, 818-827.	0.8	20
80	Clinical use of phosphorylated proteins in blood serum analysed by immobilised metal ion affinity chromatography and mass spectrometry. <i>Journal of Proteomics</i> , 2012, 76, 36-42.	1.2	20
81	Biological and biochemical characterization of two new PLA2 isoforms Cdc-9 and Cdc-10 from <i>Crotalus durissus cumanensis</i> snake venom. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 66-74.	1.3	19
82	Biochemical and pharmacological characterization of PhTX-I a new myotoxic phospholipase A2 isolated from <i>Porthidium hyoprora</i> snake venom. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 108-119.	1.3	19
83	Proteomic profiling in schizophrenia: enabling stratification for more effective treatment. <i>Genome Medicine</i> , 2013, 5, 25.	3.6	19
84	The untiring search for the most complete proteome representation: reviewing the methods. <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 312-321.	3.8	18
85	Proteomic changes induced by anaesthesia and muscle relaxant treatment prior to electroconvulsive therapy. <i>Proteomics - Clinical Applications</i> , 2011, 5, 644-649.	0.8	18
86	Proteome analysis of spinal cord during the clinical course of monophasic experimental autoimmune encephalomyelitis. <i>Proteomics</i> , 2012, 12, 2656-2662.	1.3	18
87	S100B is downregulated in the nuclear proteome of schizophrenia corpus callosum. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 311-316.	1.8	18
88	Changes in the blood plasma lipidome associated with effective or poor response to atypical antipsychotic treatments in schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109945.	2.5	18
89	<i>Xylella fastidiosa</i> disturbs nitrogen metabolism and causes a stress response in sweet orange <i>Citrus sinensis</i> cv. Pera. <i>Journal of Experimental Botany</i> , 2007, 58, 2733-2744.	2.4	17
90	Structural and pharmacological characterization of the crotoamine isoforms III-4 (MYX4_CROCu) and III-7 (MYX7_CROCu) isolated from the <i>Crotalus durissus cumanensis</i> venom. <i>Toxicon</i> , 2010, 55, 1443-1452.	0.8	17

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91	Functional and structural characterization of a new serine protease with thrombin-like activity TLBan from Bothrops andianus (Andean Lancehead) snake venom. <i>Toxicon</i> , 2012, 59, 231-240.	0.8	17
92	Plasma fibrinogen: now also an antidepressant response marker?. <i>Translational Psychiatry</i> , 2014, 4, e352-e352.	2.4	17
93	MK-801-Treated Oligodendrocytes as a Cellular Model to Study Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 269-277.	0.8	17
94	Characterization of a Protein Interactome by Co-Immunoprecipitation and Shotgun Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1546, 223-234.	0.4	17
95	Protein disulfide isomerase plasma levels in healthy humans reveal proteomic signatures involved in contrasting endothelial phenotypes. <i>Redox Biology</i> , 2019, 22, 101142.	3.9	17
96	A Guide to Mass Spectrometry-Based Quantitative Proteomics. <i>Methods in Molecular Biology</i> , 2019, 1916, 3-39.	0.4	17
97	Leucine-Rich Diet Modulates the Metabolomic and Proteomic Profile of Skeletal Muscle during Cancer Cachexia. <i>Cancers</i> , 2020, 12, 1880.	1.7	17
98	Digging deeper in the proteome of different regions from schizophrenia brains. <i>Journal of Proteomics</i> , 2020, 223, 103814.	1.2	17
99	Proteome profiling of peripheral mononuclear cells from human blood. <i>Proteomics</i> , 2013, 13, 893-897.	1.3	16
100	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
101	Modulation of cognition and neuronal plasticity in gain- and loss-of-function mouse models of the schizophrenia risk gene Tcf4. <i>Translational Psychiatry</i> , 2020, 10, 343.	2.4	16
102	Structural and Biological Characterization of Two Crotamine Isoforms IV-2 and IV-3 Isolated from the <i>Crotalus durissus cumanensis</i> Venom. <i>Protein Journal</i> , 2007, 26, 533-540.	0.7	15
103	Purification and Characterization of a New Weak Hemorrhagic Metalloproteinase BmHF-1 from <i>Bothrops marajoensis</i> Snake Venom. <i>Protein Journal</i> , 2010, 29, 407-416.	0.7	15
104	Characterization of the human primary visual cortex and cerebellum proteomes using shotgun mass spectrometryâ€dataâ€independent analyses. <i>Proteomics</i> , 2012, 12, 500-504.	1.3	15
105	Elemental fingerprinting of schizophrenia patient blood plasma before and after treatment with antipsychotics. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 565-570.	1.8	15
106	Ion Mobilityâ€Enhanced Dataâ€Independent Acquisitions Enable a Deep Proteomic Landscape of Oligodendrocytes. <i>Proteomics</i> , 2017, 17, 1700209.	1.3	15
107	Structural and functional characterization of myotoxin, Cr-IV 1, a phospholipase A2 D49 from the venom of the snake <i>Calloselasma rhodostoma</i> . <i>Biologicals</i> , 2008, 36, 168-176.	0.5	14
108	Proteomics and molecular tools for unveiling missing links in the biochemical understanding of schizophrenia. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1148-1158.	0.8	14

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109	Proteomic Differences in Blood Plasma Associated with Antidepressant Treatment Response. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 272.	1.4	14
110	Ubiquitinâ€‘proteasome system, lipid metabolism and DNA damage repair are triggered by antipsychotic medication in human oligodendrocytes: implications in schizophrenia. <i>Scientific Reports</i> , 2020, 10, 12655.	1.6	14
111	Proteome analysis of human dorsolateral prefrontal cortex using shotgun mass spectrometry. <i>Journal of Separation Science</i> , 2008, 31, 3122-3126.	1.3	13
112	The need for phosphoproteomic approaches in psychiatric research. <i>Journal of Psychiatric Research</i> , 2011, 45, 1404-1406.	1.5	13
113	Differential phosphorylation of serum proteins reflecting inflammatory changes in schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 453-455.	1.8	13
114	Employing proteomics to unravel the molecular effects of antipsychotics and their role in schizophrenia. <i>Proteomics - Clinical Applications</i> , 2016, 10, 442-455.	0.8	13
115	Cannabinoids and glial cells: possible mechanism to understand schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 727-737.	1.8	13
116	Unveiling alternative splice diversity from human oligodendrocyte proteome data. <i>Journal of Proteomics</i> , 2017, 151, 293-301.	1.2	12
117	Identifying Biomarker Candidates in the Blood Plasma or Serum Proteome. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 193-203.	0.8	12
118	Biochemical Pathways Triggered by Antipsychotics in Human Oligodendrocytes: Potential of Discovering New Treatment Targets. <i>Frontiers in Pharmacology</i> , 2019, 10, 186.	1.6	12
119	Brain Quantitative Proteomics Combining GeLC-MS and Isotope-Coded Protein Labeling (ICPL). <i>Methods in Molecular Biology</i> , 2014, 1156, 175-185.	0.4	12
120	Analysis of the rat hypothalamus proteome by dataâ€‘independent labelâ€‘free <sc>LC</sc>â€‘MS</sc>/<sc>MS</sc>. <i>Proteomics</i> , 2012, 12, 3386-3392.	1.3	11
121	Proteomic Similarities Between Heterozygous Reeler Mice and Schizophrenia. <i>Biological Psychiatry</i> , 2013, 74, e5-e10.	0.7	11
122	Decrease of serum S100B during an oral glucose tolerance test correlates inversely with the insulin response. <i>Psychoneuroendocrinology</i> , 2014, 39, 33-38.	1.3	11
123	Pioneering ambient mass spectrometry imaging in psychiatry: Potential for new insights into schizophrenia. <i>Schizophrenia Research</i> , 2016, 177, 67-69.	1.1	11
124	DIA is not a new mass spectrometry acquisition method. <i>Proteomics</i> , 2017, 17, 1700017.	1.3	11
125	Proteomic Markers for Depression. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 191-206.	0.8	11
126	A proteomic signature associated to atypical antipsychotic response in schizophrenia patients: a pilot study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 127-134.	1.8	11

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127	Depletion of Highly Abundant Proteins of the Human Blood Plasma: Applications in Proteomics Studies of Psychiatric Disorders. <i>Methods in Molecular Biology</i> , 2017, 1546, 195-204.	0.4	11
128	Nootropic effects of LSD: Behavioral, molecular and computational evidence. <i>Experimental Neurology</i> , 2022, 356, 114148.	2.0	11
129	Post-translational modification of the RhoGTPase activating protein 21, ARHGAP21, by SUMO2/3. <i>FEBS Letters</i> , 2012, 586, 3522-3528.	1.3	10
130	Using Mass Spectrometry-Based Peptidomics to understand the Brain and Disorders such as Parkinson's Disease and Schizophrenia. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 369-381.	1.0	10
131	Comprehending depression through proteomics. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1373-1374.	1.0	9
132	Testes sanguíneos de biomarcadores para diagnóstico e tratamento de desordens mentais: foco em esquizofrenia. <i>Revista De Psiquiatria Clínica</i> , 2013, 40, 02-09.	0.6	9
133	Ovariectomy modifies lipid metabolism of retroperitoneal white fat in rats: a proteomic approach. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E427-E437.	1.8	9
134	Comprehensive Shotgun Proteomic Analyses of Oligodendrocytes Using Ion Mobility and Data-Independent Acquisition. <i>Neuromethods</i> , 2017, , 65-74.	0.2	9
135	The state of the art of nanopsychiatry for schizophrenia diagnostics and treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102222.	1.7	9
136	Comparative analysis of two-dimensional electrophoresis maps (2-DE) of <i>Helicobacter pylori</i> from Brazilian patients with chronic gastritis and duodenal ulcer: a preliminary report. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2006, 48, 175-177.	0.5	8
137	Combining Patient-Reprogrammed Neural Cells and Proteomics as a Model to Study Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 279-287.	0.8	8
138	Co-immunoprecipitation for Deciphering Protein Interactomes. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 229-236.	0.8	8
139	Blood plasma proteomic modulation induced by olanzapine and risperidone in schizophrenia patients. <i>Journal of Proteomics</i> , 2020, 224, 103813.	1.2	8
140	An overview of the human brain myelin proteome and differences associated with schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 271-287.	1.3	8
141	Human disease biomarker panels through systems biology. <i>Biophysical Reviews</i> , 2021, 13, 1179-1190.	1.5	8
142	Proteomics is not only a biomarker discovery tool. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1136-1139.	0.8	7
143	Purification and inflammatory edema induced by two PLA2 (Anch TX-I and Anch TX-II) from sea anemone <i>Anthothoe chilensis</i> (Actiniaria: Sagartiidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 161, 170-177.	0.7	7
144	Application of Proteomic Techniques for Improved Stratification and Treatment of Schizophrenia Patients. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 3-19.	0.8	7

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145	The Application of Multiplex Biomarker Techniques for Improved Stratification and Treatment of Schizophrenia Patients. <i>Methods in Molecular Biology</i> , 2017, 1546, 19-35.	0.4	7
146	A Complete Proteomic Workflow to Study Brain-Related Disorders via Postmortem Tissue. <i>Methods in Molecular Biology</i> , 2019, 1916, 319-328.	0.4	7
147	Effects on Glial Cell Glycolysis in Schizophrenia: An Advanced Aging Phenotype?. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1178, 25-38.	0.8	7
148	Absence of Classical Heat Shock Response in the Citrus Pathogen <i>Xylella fastidiosa</i> . <i>Current Microbiology</i> , 2007, 54, 119-123.	1.0	6
149	Characterization of the C-terminal half of human juvenile myoclonic epilepsy protein EFHC1: Dimer formation blocks Ca ²⁺ and Mg ²⁺ binding to its functional EF-hand. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 131-138.	1.4	6
150	Os efeitos do estresse na função do eixo hipotálamo-pituitário-adrenal em indivíduos com esquizofrenia. <i>Revista De Psiquiatria Clinica</i> , 2013, 40, 20-27.	0.6	6
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