Paul C Guest

List of Publications by Year
in descending order

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285 papers	7,406 citations	50170 46 h-index	82410 72 g-index
289 all docs	289 docs citations	289 times ranked	9215 citing authors

#	Article	IF	Citations
1	The Y-Maze for Assessment of Spatial Working and Reference Memory in Mice. Methods in Molecular Biology, 2019, 1916, 105-111.	0.4	538
2	The Open Field Test for Measuring Locomotor Activity and Anxiety-Like Behavior. Methods in Molecular Biology, 2019, 1916, 99-103.	0.4	339
3	Identification of a biological signature for schizophrenia in serum. Molecular Psychiatry, 2012, 17, 494-502.	4.1	189
4	Cytokine alterations in first-episode schizophrenia patients before and after antipsychotic treatment. Schizophrenia Research, 2014, 154, 23-29.	1.1	171
5	Glial cells as key players in schizophrenia pathology: recent insights and concepts of therapy. Schizophrenia Research, 2015, 161, 4-18.	1.1	166
6	Identification of proteomic signatures associated with depression and psychotic depression in post-mortem brains from major depression patients. Translational Psychiatry, 2012, 2, e87-e87.	2.4	162
7	Sex-specific serum biomarker patterns in adults with Asperger's syndrome. Molecular Psychiatry, 2011, 16, 1213-1220.	4.1	146
8	Validation of a Blood-Based Laboratory Test to Aid in the Confirmation of a Diagnosis of Schizophrenia. Biomarker Insights, 2010, 5, BMI.S4877.	1.0	137
9	Altered levels of circulating insulin and other neuroendocrine hormones associated with the onset of schizophrenia. Psychoneuroendocrinology, 2011, 36, 1092-1096.	1.3	130
10	The Elevated Plus Maze Test for Measuring Anxiety-Like Behavior in Rodents. Methods in Molecular Biology, 2019, 1916, 69-74.	0.4	126
11	Multiplex proteomic analysis by two-dimensional differential in-gel electrophoresis. Proteomics, 2003, 3, 1162-1171.	1.3	123
12	The Role of Energy Metabolism Dysfunction and Oxidative Stress in Schizophrenia Revealed by Proteomics. Antioxidants and Redox Signaling, 2011, 15, 2067-2079.	2.5	113
13	Neuroimmune biomarkers in schizophrenia. Schizophrenia Research, 2016, 176, 3-13.	1.1	109
14	Oligomerization of G-protein-coupled Receptors Shown by Selective Co-immunoprecipitation. Journal of Biological Chemistry, 2002, 277, 15482-15485.	1.6	97
15	Schizophrenia: Metabolic aspects of aetiology, diagnosis and future treatment strategies. Psychoneuroendocrinology, 2013, 38, 752-766.	1.3	93
16	Proteomic changes in serum of first onset, antidepressant drug-naÃ¯ve major depression patients. International Journal of Neuropsychopharmacology, 2014, 17, 1599-1608.	1.0	91
17	Identification of N-Glycosylation Changes in the CSF and Serum in Patients with Schizophrenia. Journal of Proteome Research, 2010, 9, 4476-4489.	1.8	87
18	Identification of Subgroups of Schizophrenia Patients With Changes in Either Immune or Growth Factor and Hormonal Pathways. Schizophrenia Bulletin, 2014, 40, 787-795.	2.3	84

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19	Impaired glycolytic response in peripheral blood mononuclear cells of first-onset antipsychotic-naive schizophrenia patients. Molecular Psychiatry, 2011, 16, 848-859.	4.1	81
20	Protein phosphorylation patterns in serum from schizophrenia patients and healthy controls. Journal of Proteomics, 2012, 76, 43-55.	1.2	80
21	Applications of blood-based protein biomarker strategies in the study of psychiatric disorders. Progress in Neurobiology, 2014, 122, 45-72.	2.8	77
22	Peripheral profiling analysis for bipolar disorder reveals markers associated with reduced cell survival. Proteomics, 2011, 11, 94-105.	1.3	76
23	Effectiveness of Curcumin on Outcomes of Hospitalized COVID-19 Patients: A Systematic Review of Clinical Trials. Nutrients, 2022, 14, 256.	1.7	76
24	Expression Profiling of Fibroblasts Identifies Cell Cycle Abnormalities in Schizophrenia. Journal of Proteome Research, 2010, 9, 521-527.	1.8	73
25	Proteomic Analysis Identifies Dysfunction in Cellular Transport, Energy, and Protein Metabolism in Different Brain Regions of Atypical Frontotemporal Lobar Degeneration. Journal of Proteome Research, 2012, 11, 2533-2543.	1.8	73
26	Comparison of Peripheral and Central Schizophrenia Biomarker Profiles. PLoS ONE, 2012, 7, e46368.	1.1	72
27	Phosphoproteomic differences in major depressive disorder postmortem brains indicate effects on synaptic function. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 657-666.	1.8	67
28	Disturbed macro-connectivity in schizophrenia linked to oligodendrocyte dysfunction: from structural findings to molecules. NPJ Schizophrenia, 2015, 1, 15034.	2.0	64
29	Multiplex Analyses Using Real-Time Quantitative PCR. Methods in Molecular Biology, 2017, 1546, 125-133.	0.4	64
30	A Proteomic Investigation of Drug-Induced Steatosis in Rat Liver. Chemical Research in Toxicology, 2004, 17, 605-612.	1.7	63
31	Proteomic analysis of post mortem brain tissue from autism patients: evidence for opposite changes in prefrontal cortex and cerebellum in synaptic connectivity-related proteins. Molecular Autism, 2014, 5, 41.	2.6	63
32	Endoplasmic reticulum Ca2+ is important for the proteolytic processing and intracellular transport of proinsulin in the pancreatic Î²-cell. Biochemical Journal, 1997, 323, 445-450.	1.7	60
33	To label or not to label: Applications of quantitative proteomics in neuroscience research. Proteomics, 2012, 12, 736-747.	1.3	60
34	Serum proteomic analysis identifies sex-specific differences in lipid metabolism and inflammation profiles in adults diagnosed with Asperger syndrome. Molecular Autism, 2014, 5, 4.	2.6	57
35	Electroconvulsive therapy exerts mainly acute molecular changes in serum of major depressive disorder patients. European Neuropsychopharmacology, 2013, 23, 1199-1207.	0.3	55
36	The role of proteomics in depression research. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 499-506.	1.8	54

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37	Sex Differences in Serum Markers of Major Depressive Disorder in the Netherlands Study of Depression and Anxiety (NESDA). PLoS ONE, 2016, 11, e0156624.	1.1	54
38	Antipsychotic Treatment Alters Protein Expression Associated with Presynaptic Function and Nervous System Development in Rat Frontal Cortex. Journal of Proteome Research, 2009, 8, 3284-3297.	1.8	53
39	The Methylazoxymethanol Acetate (MAM-E17) Rat Model: Molecular and Functional Effects in the Hippocampus. Neuropsychopharmacology, 2012, 37, 364-377.	2.8	53
40	Alterations of stress related proteins in genetically altered mice revealed by two-dimensional differential in-gel electrophoresis analysis. Proteomics, 2002, 2, 1018.	1.3	51
41	Identification of a blood-based biological signature in subjects with psychiatric disorders prior to clinical manifestation. World Journal of Biological Psychiatry, 2012, 13, 627-632.	1.3	50
42	Mechanisms of action of the antidepressants fluoxetine and the substance P antagonist L-000760735 are associated with altered neurofilaments and synaptic remodeling. Brain Research, 2004, 1002, 1-10.	1.1	48
43	A Combined Metabonomic and Proteomic Approach Identifies Frontal Cortex Changes in a Chronic Phencyclidine Rat Model in Relation to Human Schizophrenia Brain Pathology. Neuropsychopharmacology, 2013, 38, 2532-2544.	2.8	48
44	Distinct Molecular Phenotypes in Male and Female Schizophrenia Patients. PLoS ONE, 2013, 8, e78729.	1.1	48
45	Molecular Heterogeneity and Cellular Localization of Carboxypeptidase H in the Islets of Langerhans*. Endocrinology, 1991, 129, 734-740.	1.4	47
46	Converging evidence of blood-based biomarkers for schizophrenia. International Review of Neurobiology, 2011, 101, 95-144.	0.9	47
47	Molecular characterization of adult mouse subventricular zone progenitor cells during the onset of differentiation. European Journal of Neuroscience, 2006, 24, 661-675.	1.2	46
48	Innate Immune Cells and C-Reactive Protein in Acute First-Episode Psychosis and Schizophrenia: Relationship to Psychopathology and Treatment. Schizophrenia Bulletin, 2020, 46, 363-373.	2.3	46
49	Diabetic db/db mice exhibit central nervous system and peripheral molecular alterations as seen in neurological disorders. Translational Psychiatry, 2013, 3, e263-e263.	2.4	45
50	Oxidative stress in drug-naÃ¯ve first episode patients with schizophrenia and major depression: effects of disease acuity and potential confounders. European Archives of Psychiatry and Clinical Neuroscience, 2018, 268, 129-143.	1.8	45
51	Analysis of serum and plasma identifies differences in molecular coverage, measurement variability, and candidate biomarker selection. Proteomics - Clinical Applications, 2012, 6, 297-303.	0.8	44
52	Proteomic Enrichment Analysis of Psychotic and Affective Disorders Reveals Common Signatures in Presynaptic Glutamatergic Signaling and Energy Metabolism. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	44
53	Metabolic, hormonal and stress-related molecular changes inpost-mortempituitary glands from schizophrenia subjects. World Journal of Biological Psychiatry, 2013, 14, 478-489.	1.3	41
54	Molecular mimicry of NMDA receptors may contribute to neuropsychiatric symptoms in severe COVID-19 cases. Journal of Neuroinflammation, 2021, 18, 245.	3.1	38

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55	Analysis of the human pituitary proteome by data independent labelâ€free liquid chromatography tandem mass spectrometry. Proteomics, 2011, 11, 495-500.	1.3	37
56	The protein interactome of collapsin response mediator proteinâ€2 (CRMP2/DPYSL2) reveals novel partner proteins in brain tissue. Proteomics - Clinical Applications, 2015, 9, 817-831.	0.8	37
57	Characterization of the human serum depletome by labelâ€free shotgun proteomics. Journal of Separation Science, 2011, 34, 1621-1626.	1.3	36
58	LC-MSE, Multiplex MS/MS, Ion Mobility, and Label-Free Quantitation in Clinical Proteomics. Methods in Molecular Biology, 2017, 1546, 57-73.	0.4	36
59	The Forced Swim Test for Depression-Like Behavior in Rodents. Methods in Molecular Biology, 2019, 1916, 75-80.	0.4	36
60	MK-801 treatment affects glycolysis in oligodendrocytes more than in astrocytes and neuronal cells: insights for schizophrenia. Frontiers in Cellular Neuroscience, 2015, 09, 180.	1.8	35
61	Making Sense of Blood-Based Proteomics and Metabolomics in Psychiatric Research. International Journal of Neuropsychopharmacology, 2016, 19, pyv138.	1.0	35
62	Effect of MK-801 and Clozapine on the Proteome of Cultured Human Oligodendrocytes. Frontiers in Cellular Neuroscience, 2016, 10, 52.	1.8	35
63	Identification of Differentiating Neural Progenitor Cell Markers Using Shotgun Isobaric Tagging Mass Spectrometry. Stem Cells and Development, 2006, 15, 461-470.	1.1	34
64	Brain structural and clinical changes after first episode psychosis: Focus on cannabinoid receptor 1 polymorphisms. Psychiatry Research - Neuroimaging, 2015, 233, 112-119.	0.9	34
65	Integrative proteomic analysis of the NMDA NR1 knockdown mouse model reveals effects on central and peripheral pathways associated with schizophrenia and autism spectrum disorders. Molecular Autism, 2014, 5, 38.	2.6	33
66	Improved COVID-19 Outcomes following Statin Therapy: An Updated Systematic Review and Meta-analysis. BioMed Research International, 2021, 2021, 1-20.	0.9	33
67	Proteomic Technologies for Biomarker Studies in Psychiatry. International Review of Neurobiology, 2011, 101, 65-94.	0.9	31
68	The application of selective reaction monitoring confirms dysregulation of glycolysis in a preclinical model of schizophrenia. BMC Research Notes, 2012, 5, 146.	0.6	31
69	Distinct proteomic profiles in post-mortem pituitary glands from bipolar disorder and major depressive disorder patients. Journal of Psychiatric Research, 2015, 60, 40-48.	1.5	31
70	A Targeted Multiplexed Proteomic Investigation Identifies Ketamine-Induced Changes in Immune Markers in Rat Serum and Expression Changes in Protein Kinases/Phosphatases in Rat Brain. Journal of Proteome Research, 2015, 14, 411-421.	1.8	31
71	Proteomic analysis identifies alterations in cellular morphology and cell death pathways in mouse brain after chronic corticosterone treatment. Brain Research, 2006, 1102, 12-26.	1.1	30
72	Molecular Validation of the Acute Phencyclidine Rat Model for Schizophrenia: Identification of Translational Changes in Energy Metabolism and Neurotransmission. Journal of Proteome Research, 2012, 11, 3704-3714.	1.8	30

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73	Identification of a Molecular Profile Associated with Immune Status in First-Onset Schizophrenia Patients. Clinical Schizophrenia and Related Psychoses, 2014, 7, 207-215.	1.4	30
74	The use of proteomic biomarkers for improved diagnosis and stratification of schizophrenia patients. Biomarkers in Medicine, 2014, 8, 15-27.	0.6	30
75	Multiplex immunoassay analysis of plasma shows prominent upregulation of growth factor activity pathways linked to GSK3Î² signaling in bipolar patients. Journal of Affective Disorders, 2014, 156, 139-143.	2.0	30
76	Enabling point-of-care testing and personalized medicine for schizophrenia. NPJ Schizophrenia, 2017, 3, 1.	2.0	30
77	Identification and characterization of a truncated variant of the 5-hydroxytryptamine2A receptor produced by alternative splicing. Brain Research, 2000, 876, 238-244.	1.1	28
78	Identification of Targeted Analyte Clusters for Studies of Schizophrenia. Molecular and Cellular Proteomics, 2010, 9, 510-522.	2.5	28
79	Behavioral and Molecular Biomarkers in Translational Animal Models for Neuropsychiatric Disorders. International Review of Neurobiology, 2011, 101, 203-238.	0.9	28
80	Proteomic approaches to unravel the complexity of schizophrenia. Expert Review of Proteomics, 2012, 9, 97-108.	1.3	28
81	Identification of an age-dependent biomarker signature in children and adolescents with autism spectrum disorders. Molecular Autism, 2013, 4, 27.	2.6	28
82	Affinity Depletion of Plasma and Serum for Mass Spectrometry-Based Proteome Analysis. Methods in Molecular Biology, 2013, 1002, 1-11.	0.4	28
83	Proteomics: improving biomarker translation to modern medicine?. Genome Medicine, 2013, 5, 17.	3.6	27
84	The effect of caloric restriction and fasting on cancer. Seminars in Cancer Biology, 2021, 73, 30-44.	4.3	27
85	Antipsychotic Treatment of Acute Paranoid Schizophrenia Patients with Olanzapine Results in Altered Glycosylation of Serum Glycoproteins. Journal of Proteome Research, 2012, 11, 3743-3752.	1.8	26
86	Molecular Sex Differences in Human Serum. PLoS ONE, 2012, 7, e51504.	1.1	26
87	Pretreatment levels of the fatty acid handling proteins H-FABP and CD36 predict response to olanzapine in recent-onset schizophrenia patients. Brain, Behavior, and Immunity, 2016, 52, 178-186.	2.0	26
88	The emergence of point-of-care blood-based biomarker testing for psychiatric disorders: enabling personalized medicine. Biomarkers in Medicine, 2016, 10, 431-443.	0.6	26
89	Assessment of Insulin Resistance Among Drug-Naive Patients With First-Episode Schizophrenia in the Context of Hormonal Stress Axis Activation. JAMA Psychiatry, 2017, 74, 968.	6.0	26
90	Multiplexing Biomarker Methods, Proteomics and Considerations for Alzheimerâ€™s Disease. Advances in Experimental Medicine and Biology, 2017, 974, 21-48.	0.8	25

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91	Abnormalities in Metabolism and Hypothalamicâ€“Pituitaryâ€“Adrenal Axis Function in Schizophrenia. International Review of Neurobiology, 2011, 101, 145-168.	0.9	24
92	Characterization of the db/db Mouse Model of Type 2 Diabetes. Methods in Molecular Biology, 2019, 1916, 195-201.	0.4	24
93	Biological pathways modulated by antipsychotics in the blood plasma of schizophrenia patients and their association to a clinical response. NPJ Schizophrenia, 2015, 1, 15050.	2.0	23
94	Long-term Health Outcomes Among Survivors Exposed to Sulfur Mustard in Iran. JAMA Network Open, 2020, 3, e2028894.	2.8	23
95	A PC12 Variant Lacking Regulated Secretory Organelles. Journal of Neurochemistry, 2002, 73, 21-30.	2.1	22
96	Characterizing the proteome of the human dorsolateral prefrontal cortex by shotgun mass spectrometry. Proteomics, 2011, 11, 2347-2353.	1.3	22
97	Metabonomic studies of schizophrenia and psychotropic medications: focus on alterations in CNS energy homeostasis. Bioanalysis, 2009, 1, 1615-1626.	0.6	21
98	Effects of olanzapine on serum protein phosphorylation patterns in patients with schizophrenia. Proteomics - Clinical Applications, 2015, 9, 907-916.	0.8	21
99	Blood-Based Lipidomics Approach to Evaluate Biomarkers Associated With Response to Olanzapine, Risperidone, and Quetiapine Treatment in Schizophrenia Patients. Frontiers in Psychiatry, 2018, 9, 209.	1.3	21
100	Characterization of the Goto-Kakizaki (GK) Rat Model of Type 2 Diabetes. Methods in Molecular Biology, 2019, 1916, 203-211.	0.4	21
101	Depression, Anxiety, and Stress Among Patients with COVID-19: A Cross-Sectional Study. Advances in Experimental Medicine and Biology, 2021, 1321, 229-236.	0.8	21
102	Clinical use of phosphorylated proteins in blood serum analysed by immobilised metal ion affinity chromatography and mass spectrometry. Journal of Proteomics, 2012, 76, 36-42.	1.2	20
103	Blood test for schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 79-83.	1.8	20
104	Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain. World Journal of Biological Psychiatry, 2015, 16, 22-30.	1.3	20
105	Acute Kidney Injury and Covid-19: A Scoping Review and Meta-Analysis. Advances in Experimental Medicine and Biology, 2021, 1321, 309-324.	0.8	20
106	Early Diagnosis and Targeted Treatment Strategy for Improved Therapeutic Outcomes in Alzheimerâ€™s Disease. Advances in Experimental Medicine and Biology, 2020, 1260, 175-191.	0.8	20
107	Proteomic profiling in schizophrenia: enabling stratification for more effective treatment. Genome Medicine, 2013, 5, 25.	3.6	19
108	Central and peripheral changes underlying susceptibility and resistance to social defeat stress â€“ A proteomic profiling study. Diagnostics in Neuropsychiatry, 2015, 1, 1-7.	0.0	19

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109	Insulin Resistance in Schizophrenia. Advances in Experimental Medicine and Biology, 2019, 1134, 1-16.	0.8	19
110	Glucose homeostasis in major depression and schizophrenia: a comparison among drug-naÃ¯ve first-episode patients. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 373-377.	1.8	19
111	Identification of Proteomic Changes during Differentiation of Adult Mouse Subventricular Zone Progenitor Cells. Stem Cells and Development, 2007, 16, 143-166.	1.1	18
112	Proteomic changes induced by anaesthesia and muscle relaxant treatment prior to electroconvulsive therapy. Proteomics - Clinical Applications, 2011, 5, 644-649.	0.8	18
113	Challenges of Introducing New Biomarker Products for Neuropsychiatric Disorders into the Market. International Review of Neurobiology, 2011, 101, 299-327.	0.9	18
114	Proteomic analysis of the maternal protein restriction rat model for schizophrenia: Identification of translational changes in hormonal signaling pathways and glutamate neurotransmission. Proteomics, 2012, 12, 3580-3589.	1.3	18
115	Changes in the blood plasma lipidome associated with effective or poor response to atypical antipsychotic treatments in schizophrenia patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 101, 109945.	2.5	18
116	The post-translational processing and intracellular sorting of carboxypeptidase H in the islets of Langerhans. Molecular and Cellular Endocrinology, 1995, 113, 99-108.	1.6	17
117	MK-801-Treated Oligodendrocytes as a Cellular Model to Study Schizophrenia. Advances in Experimental Medicine and Biology, 2017, 974, 269-277.	0.8	17
118	Identification of altered dipeptidyl-peptidase activities as potential biomarkers for unipolar depression. Journal of Affective Disorders, 2013, 151, 667-672.	2.0	16
119	Comprehensive twoâ€dimensional liquid chromatography mass spectrometric profiling of the rat hippocampal proteome. Proteomics, 2011, 11, 501-505.	1.3	15
120	Characterization of the human primary visual cortex and cerebellum proteomes using shotgun mass spectrometryâ€dataâ€independent analyses. Proteomics, 2012, 12, 500-504.	1.3	15
121	Hippocampal Proteomic and Metabonomic Abnormalities in Neurotransmission, Oxidative Stress, and Apoptotic Pathways in a Chronic Phencyclidine Rat Model. Journal of Proteome Research, 2015, 14, 3174-3187.	1.8	14
122	Multiplex immunoassay analysis of plasma shows differences in biomarkers related to manic or mixed mood states in bipolar disorder patients. Journal of Affective Disorders, 2015, 185, 12-16.	2.0	14
123	Proteomic Differences in Blood Plasma Associated with Antidepressant Treatment Response. Frontiers in Molecular Neuroscience, 2017, 10, 272.	1.4	14
124	Nutritional Programming Effects on Development of Metabolic Disorders in Later Life. Methods in Molecular Biology, 2018, 1735, 3-17.	0.4	14
125	Detection of gender differences in rat lens proteins using 2-D-DIGE. Proteomics, 2006, 6, 667-676.	1.3	13
126	The need for phosphoproteomic approaches in psychiatric research. Journal of Psychiatric Research, 2011, 45, 1404-1406.	1.5	13

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127	Differential phosphorylation of serum proteins reflecting inflammatory changes in schizophrenia patients. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 453-455.	1.8	13
128	The need for a comprehensive molecular characterization of autism spectrum disorders. International Journal of Neuropsychopharmacology, 2014, 17, 651-673.	1.0	13
129	Employing proteomics to unravel the molecular effects of antipsychotics and their role in schizophrenia. Proteomics - Clinical Applications, 2016, 10, 442-455.	0.8	13
130	Biogenesis of the Insulin Secretory Granule in Health and Disease. Advances in Experimental Medicine and Biology, 2019, 1134, 17-32.	0.8	13
131	The Nest Building Test in Mice for Assessment of General Well-Being. Methods in Molecular Biology, 2019, 1916, 87-91.	0.4	13
132	The Clinical Use of Curcumin for the Treatment of Rheumatoid Arthritis: A Systematic Review of Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 251-263.	0.8	13
133	Algorithm development for diagnostic biomarker assays. International Review of Neurobiology, 2011, 101, 279-298.	0.9	12
134	Translating potential biomarker candidates for schizophrenia and depression to animal models of psychiatric disorders. Expert Review of Molecular Diagnostics, 2011, 11, 721-733.	1.5	12
135	Identifying Biomarker Candidates in the Blood Plasma or Serum Proteome. Advances in Experimental Medicine and Biology, 2017, 974, 193-203.	0.8	12
136	Perineuronal oligodendrocytes in health and disease: the journey so far. Reviews in the Neurosciences, 2019, 31, 89-99.	1.4	12
137	The 2019 Novel Coronavirus Disease in Pregnancy: A Systematic Review. Advances in Experimental Medicine and Biology, 2021, 1321, 299-307.	0.8	12
138	Coronavirus (COVID-19)-Associated Psychological Distress Among Medical Students in Iran. Advances in Experimental Medicine and Biology, 2021, 1321, 245-251.	0.8	12
139	Changes in leukocytes and CRP in different stages of major depression. Journal of Neuroinflammation, 2022, 19, 74.	3.1	12
140	Analysis of the rat hypothalamus proteome by dataâ€independent labelâ€free <scp>LC</scp>â€<scp>MS</scp>/<scp>MS</scp>. Proteomics, 2012, 12, 3386-3392.	1.3	11
141	Proteomic Markers for Depression. Advances in Experimental Medicine and Biology, 2019, 1118, 191-206.	0.8	11
142	A proteomic signature associated to atypical antipsychotic response in schizophrenia patients: a pilot study. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 127-134.	1.8	11
143	Depletion of Highly Abundant Proteins of the Human Blood Plasma: Applications in Proteomics Studies of Psychiatric Disorders. Methods in Molecular Biology, 2017, 1546, 195-204.	0.4	11
144	The Therapeutic Potential of Ketogenic Diet Throughout Life: Focus on Metabolic, Neurodevelopmental and Neurodegenerative Disorders. Advances in Experimental Medicine and Biology, 2019, 1178, 77-101.	0.8	11

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145	Technological advances for deciphering the complexity of psychiatric disorders: merging proteomics with cell biology. International Journal of Neuropsychopharmacology, 2014, 17, 1327-1341.	1.0	10
146	Curcumin and Piperine in COVID-19: A Promising Duo to the Rescue?. Advances in Experimental Medicine and Biology, 2021, 1327, 197-204.	0.8	10
147	Testes sanguÃneos de biomarcadores para diagnÃ³stico e tratamento de desordens mentais: foco em esquizofrenia. Revista De Psiquiatria Clinica, 2013, 40, 02-09.	0.6	9
148	Plasma xanthurenic acid in a context of insulin resistance and obesity in schizophrenia. Schizophrenia Research, 2019, 211, 98-99.	1.1	9
149	Application of Multiplex Biomarker Approaches to Accelerate Drug Discovery and Development. Methods in Molecular Biology, 2017, 1546, 3-17.	0.4	8
150	Combining Patient-Reprogrammed Neural Cells and Proteomics as a Model to Study Psychiatric Disorders. Advances in Experimental Medicine and Biology, 2017, 974, 279-287.	0.8	8
151	Co-immunoprecipitation for Deciphering Protein Interactomes. Advances in Experimental Medicine and Biology, 2017, 974, 229-236.	0.8	8
152	Neuropsychiatric Sequelae of Early Nutritional Modifications: A Beginnerâ€™s Guide to Behavioral Analysis. Methods in Molecular Biology, 2018, 1735, 403-420.	0.4	8
153	Blood plasma proteomic modulation induced by olanzapine and risperidone in schizophrenia patients. Journal of Proteomics, 2020, 224, 103813.	1.2	8
154	An overview of the human brain myelin proteome and differences associated with schizophrenia. World Journal of Biological Psychiatry, 2021, 22, 271-287.	1.3	8
155	Antidiabetic Properties of Curcumin: Insights on New Mechanisms. Advances in Experimental Medicine and Biology, 2021, 1291, 151-164.	0.8	8
156	Plasma Anthranilic Acid and Leptin Levels Predict HAM-D Scores in Depressed Women. International Journal of Tryptophan Research, 2021, 14, 117864692110164.	1.0	8
157	Cinnamon: A Promising Natural Product Against COVID-19. Advances in Experimental Medicine and Biology, 2021, 1327, 191-195.	0.8	8
158	Cardiac Injury in COVID-19: A Systematic Review. Advances in Experimental Medicine and Biology, 2021, 1321, 325-333.	0.8	8
159	Protocol for the Use of the Ketogenic Diet in Preclinical and Clinical Practice. Methods in Molecular Biology, 2020, 2138, 83-98.	0.4	8
160	Application of Proteomic Techniques for Improved Stratification and Treatment of Schizophrenia Patients. Advances in Experimental Medicine and Biology, 2017, 974, 3-19.	0.8	7
161	The Application of Multiplex Biomarker Techniques for Improved Stratification and Treatment of Schizophrenia Patients. Methods in Molecular Biology, 2017, 1546, 19-35.	0.4	7
162	Multiplex Immunoassay Profiling of Serum in Psychiatric Disorders. Advances in Experimental Medicine and Biology, 2017, 974, 149-156.	0.8	7

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163	Developmental Origins of Stress and Psychiatric Disorders. Methods in Molecular Biology, 2018, 1735, 47-58.	0.4	7
164	Free Dyadic Social Interaction Test in Mice. Methods in Molecular Biology, 2019, 1916, 93-97.	0.4	7
165	Acute Respiratory Distress Syndrome and COVID-19: A Scoping Review and Meta-analysis. Advances in Experimental Medicine and Biology, 2021, 1321, 211-228.	0.8	7
166	Comparison of the clinical features in open and closed format intensive care units: A systematic review and meta-analysis. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100950.	0.6	7
167	Effects on Glial Cell Glycolysis in Schizophrenia: An Advanced Aging Phenotype?. Advances in Experimental Medicine and Biology, 2019, 1178, 25-38.	0.8	7
168	Challenges in drug target discovery in bipolar disorder. Expert Opinion on Therapeutic Targets, 2013, 17, 565-577.	1.5	6
169	Os efeitos do estresse na funÃ§Ã£o do eixo hipotalÃ¢mico-pituitÃ¡rio-adrenal em indivÃduos com esquizofrenia. Revista De Psiquiatria Clinica, 2013, 40, 20-27.	0.6	6
170	Connecting Brain Proteomics with Behavioural Neuroscience in Translational Animal Models of Neuropsychiatric Disorders. Advances in Experimental Medicine and Biology, 2017, 974, 97-114.	0.8	6
171	Proteomics and Lipidomics in the Elucidation of Endocannabinoid Signaling in Healthy and Schizophrenia Brains. Proteomics, 2018, 18, e1700270.	1.3	6
172	Effect of Curcumin on Glycemic Control in Patients with Type 2 Diabetes: A Systematic Review of Randomized Clinical Trials. Advances in Experimental Medicine and Biology, 2021, 1291, 139-149.	0.8	6
173	Potential Cross-Links of Inflammation With Schizophreniform and Affective Symptoms: A Review and Outlook on Autoimmune Encephalitis and COVID-19. Frontiers in Psychiatry, 2021, 12, 729868.	1.3	6
174	Survey of Immediate Psychological Distress Levels Among Healthcare Workers in the COVID-19 Epidemic: A Cross-Sectional Study. Advances in Experimental Medicine and Biology, 2021, 1321, 237-243.	0.8	6
175	Assessing sex differential in COVID-19 mortality rate by age and polymerase chain reaction test results: an Iranian multi-center study. Expert Review of Anti-Infective Therapy, 2021, , 1-11.	2.0	6
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177	Identification of Protein Biomarkers in Human Serum Using iTRAQ and Shotgun Mass Spectrometry. Methods in Molecular Biology, 2013, 1061, 291-307.	0.4	5
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