

Paul C Guest

List of Publications by Citations

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286
papers

5,236
citations

41
h-index

61
g-index

289
ext. papers

6,375
ext. citations

3.8
avg, IF

6.03
L-index

#	Paper	IF	Citations
286	The Y-Maze for Assessment of Spatial Working and Reference Memory in Mice. <i>Methods in Molecular Biology</i> , 2019 , 1916, 105-111	1.4	189
285	Identification of a biological signature for schizophrenia in serum. <i>Molecular Psychiatry</i> , 2012 , 17, 494-502	5.1	175
284	Glial cells as key players in schizophrenia pathology: recent insights and concepts of therapy. <i>Schizophrenia Research</i> , 2015 , 161, 4-18	3.6	143
283	Cytokine alterations in first-episode schizophrenia patients before and after antipsychotic treatment. <i>Schizophrenia Research</i> , 2014 , 154, 23-9	3.6	137
282	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	8.6	132
281	Validation of a blood-based laboratory test to aid in the confirmation of a diagnosis of schizophrenia. <i>Biomarker Insights</i> , 2010 , 5, 39-47	3.5	119
280	Multiplex proteomic analysis by two-dimensional differential in-gel electrophoresis. <i>Proteomics</i> , 2003 , 3, 1162-71	4.8	114
279	Sex-specific serum biomarker patterns in adults with Asperger's syndrome. <i>Molecular Psychiatry</i> , 2011 , 16, 1213-20	15.1	111
278	Altered levels of circulating insulin and other neuroendocrine hormones associated with the onset of schizophrenia. <i>Psychoneuroendocrinology</i> , 2011 , 36, 1092-6	5	110
277	The Open Field Test for Measuring Locomotor Activity and Anxiety-Like Behavior. <i>Methods in Molecular Biology</i> , 2019 , 1916, 99-103	1.4	97
276	The role of energy metabolism dysfunction and oxidative stress in schizophrenia revealed by proteomics. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 2067-79	8.4	89
275	Oligomerization of G-protein-coupled receptors shown by selective co-immunoprecipitation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 15482-5	5.4	87
274	Neuroimmune biomarkers in schizophrenia. <i>Schizophrenia Research</i> , 2016 , 176, 3-13	3.6	79
273	Proteomic changes in serum of first onset, antidepressant drug-naïve major depression patients. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1599-608	5.8	75
272	Identification of N-glycosylation changes in the CSF and serum in patients with schizophrenia. <i>Journal of Proteome Research</i> , 2010 , 9, 4476-89	5.6	72
271	Identification of subgroups of schizophrenia patients with changes in either immune or growth factor and hormonal pathways. <i>Schizophrenia Bulletin</i> , 2014 , 40, 787-95	1.3	70
270	Peripheral profiling analysis for bipolar disorder reveals markers associated with reduced cell survival. <i>Proteomics</i> , 2011 , 11, 94-105	4.8	70

269	Impaired glycolytic response in peripheral blood mononuclear cells of first-onset antipsychotic-naive schizophrenia patients. <i>Molecular Psychiatry</i> , 2011 , 16, 848-59	15.1	68
268	Expression profiling of fibroblasts identifies cell cycle abnormalities in schizophrenia. <i>Journal of Proteome Research</i> , 2010 , 9, 521-7	5.6	67
267	Protein phosphorylation patterns in serum from schizophrenia patients and healthy controls. <i>Journal of Proteomics</i> , 2012 , 76 Spec No., 43-55	3.9	65
266	Comparison of peripheral and central schizophrenia biomarker profiles. <i>PLoS ONE</i> , 2012 , 7, e46368	3.7	65
265	Applications of blood-based protein biomarker strategies in the study of psychiatric disorders. <i>Progress in Neurobiology</i> , 2014 , 122, 45-72	10.9	64
264	Schizophrenia: metabolic aspects of aetiology, diagnosis and future treatment strategies. <i>Psychoneuroendocrinology</i> , 2013 , 38, 752-66	5	59
263	A proteomic investigation of drug-induced steatosis in rat liver. <i>Chemical Research in Toxicology</i> , 2004 , 17, 605-12	4	57
262	Endoplasmic reticulum Ca ²⁺ is important for the proteolytic processing and intracellular transport of proinsulin in the pancreatic beta-cell. <i>Biochemical Journal</i> , 1997 , 323 (Pt 2), 445-50	3.8	55
261	To label or not to label: applications of quantitative proteomics in neuroscience research. <i>Proteomics</i> , 2012 , 12, 736-47	4.8	52
260	Disturbed macro-connectivity in schizophrenia linked to oligodendrocyte dysfunction: from structural findings to molecules. <i>NPJ Schizophrenia</i> , 2015 , 1, 15034	5.5	50
259	The role of proteomics in depression research. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010 , 260, 499-506	5.1	49
258	Serum proteomic analysis identifies sex-specific differences in lipid metabolism and inflammation profiles in adults diagnosed with Asperger syndrome. <i>Molecular Autism</i> , 2014 , 5, 4	6.5	48
257	Antipsychotic treatment alters protein expression associated with presynaptic function and nervous system development in rat frontal cortex. <i>Journal of Proteome Research</i> , 2009 , 8, 3284-97	5.6	48
256	Electroconvulsive therapy exerts mainly acute molecular changes in serum of major depressive disorder patients. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1199-207	1.2	47
255	Phosphoproteomic differences in major depressive disorder postmortem brains indicate effects on synaptic function. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012 , 262, 657-66	5.1	46
254	Mechanisms of action of the antidepressants fluoxetine and the substance P antagonist L-000760735 are associated with altered neurofilaments and synaptic remodeling. <i>Brain Research</i> , 2004 , 1002, 1-10	3.7	46
253	Alterations of stress related proteins in genetically altered mice revealed by two-dimensional differential in-gel electrophoresis analysis. <i>Proteomics</i> , 2002 , 2, 1018-25	4.8	46
252	Molecular heterogeneity and cellular localization of carboxypeptidase H in the islets of Langerhans. <i>Endocrinology</i> , 1991 , 129, 734-40	4.8	46

251	The methylazoxymethanol acetate (MAM-E17) rat model: molecular and functional effects in the hippocampus. <i>Neuropsychopharmacology</i> , 2012 , 37, 364-77	8.7	45
250	Proteomic analysis of post mortem brain tissue from autism patients: evidence for opposite changes in prefrontal cortex and cerebellum in synaptic connectivity-related proteins. <i>Molecular Autism</i> , 2014 , 5, 41	6.5	43
249	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, 627-32	3.8	43
248	The Elevated Plus Maze Test for Measuring Anxiety-Like Behavior in Rodents. <i>Methods in Molecular Biology</i> , 2019 , 1916, 69-74	1.4	43
247	A combined metabolomic and proteomic approach identifies frontal cortex changes in a chronic phencyclidine rat model in relation to human schizophrenia brain pathology. <i>Neuropsychopharmacology</i> , 2013 , 38, 2532-44	8.7	42
246	Molecular characterization of adult mouse subventricular zone progenitor cells during the onset of differentiation. <i>European Journal of Neuroscience</i> , 2006 , 24, 661-75	3.5	42
245	Proteomic enrichment analysis of psychotic and affective disorders reveals common signatures in presynaptic glutamatergic signaling and energy metabolism. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	41
244	Distinct molecular phenotypes in male and female schizophrenia patients. <i>PLoS ONE</i> , 2013 , 8, e78729	3.7	41
243	Sex Differences in Serum Markers of Major Depressive Disorder in the Netherlands Study of Depression and Anxiety (NESDA). <i>PLoS ONE</i> , 2016 , 11, e0156624	3.7	41
242	Converging evidence of blood-based biomarkers for schizophrenia: an update. <i>International Review of Neurobiology</i> , 2011 , 101, 95-144	4.4	40
241	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, 2533-43	5.6	38
240	Analysis of the human pituitary proteome by data independent label-free liquid chromatography tandem mass spectrometry. <i>Proteomics</i> , 2011 , 11, 495-500	4.8	36
239	Metabolic, hormonal and stress-related molecular changes in post-mortem pituitary glands from schizophrenia subjects. <i>World Journal of Biological Psychiatry</i> , 2013 , 14, 478-89	3.8	35
238	Analysis of serum and plasma identifies differences in molecular coverage, measurement variability, and candidate biomarker selection. <i>Proteomics - Clinical Applications</i> , 2012 , 6, 297-303	3.1	33
237	Diabetic db/db mice exhibit central nervous system and peripheral molecular alterations as seen in neurological disorders. <i>Translational Psychiatry</i> , 2013 , 3, e263	8.6	33
236	Oxidative stress in drug-naïve first episode patients with schizophrenia and major depression: effects of disease acuity and potential confounders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018 , 268, 129-143	5.1	32
235	Characterization of the human serum depletome by label-free shotgun proteomics. <i>Journal of Separation Science</i> , 2011 , 34, 1621-6	3.4	32
234	LC-MS, Multiplex MS/MS, Ion Mobility, and Label-Free Quantitation in Clinical Proteomics. <i>Methods in Molecular Biology</i> , 2017 , 1546, 57-73	1.4	31

233	MK-801 treatment affects glycolysis in oligodendrocytes more than in astrocytes and neuronal cells: insights for schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 180	6.1	31
232	Multiplex Analyses Using Real-Time Quantitative PCR. <i>Methods in Molecular Biology</i> , 2017 , 1546, 125-133	1.4	31
231	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, 817-31	3.1	30
230	Distinct proteomic profiles in post-mortem pituitary glands from bipolar disorder and major depressive disorder patients. <i>Journal of Psychiatric Research</i> , 2015 , 60, 40-8	5.2	29
229	Making Sense of Blood-Based Proteomics and Metabolomics in Psychiatric Research. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	29
228	Molecular validation of the acute phencyclidine rat model for schizophrenia: identification of translational changes in energy metabolism and neurotransmission. <i>Journal of Proteome Research</i> , 2012 , 11, 3704-14	5.6	29
227	Proteomic analysis identifies alterations in cellular morphology and cell death pathways in mouse brain after chronic corticosterone treatment. <i>Brain Research</i> , 2006 , 1102, 12-26	3.7	29
226	Identification of differentiating neural progenitor cell markers using shotgun isobaric tagging mass spectrometry. <i>Stem Cells and Development</i> , 2006 , 15, 461-70	4.4	29
225	The use of proteomic biomarkers for improved diagnosis and stratification of schizophrenia patients. <i>Biomarkers in Medicine</i> , 2014 , 8, 15-27	2.3	28
224	Proteomic technologies for biomarker studies in psychiatry: advances and needs. <i>International Review of Neurobiology</i> , 2011 , 101, 65-94	4.4	28
223	Brain structural and clinical changes after first episode psychosis: Focus on cannabinoid receptor 1 polymorphisms. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 112-9	2.9	27
222	Multiplex immunoassay analysis of plasma shows prominent upregulation of growth factor activity pathways linked to GSK3 β signaling in bipolar patients. <i>Journal of Affective Disorders</i> , 2014 , 156, 139-43	6.6	27
221	Innate Immune Cells and C-Reactive Protein in Acute First-Episode Psychosis and Schizophrenia: Relationship to Psychopathology and Treatment. <i>Schizophrenia Bulletin</i> , 2020 , 46, 363-373	1.3	26
220	Integrative proteomic analysis of the NMDA NR1 knockdown mouse model reveals effects on central and peripheral pathways associated with schizophrenia and autism spectrum disorders. <i>Molecular Autism</i> , 2014 , 5, 38	6.5	26
219	Identification of an age-dependent biomarker signature in children and adolescents with autism spectrum disorders. <i>Molecular Autism</i> , 2013 , 4, 27	6.5	26
218	The application of selective reaction monitoring confirms dysregulation of glycolysis in a preclinical model of schizophrenia. <i>BMC Research Notes</i> , 2012 , 5, 146	2.3	26
217	Effect of MK-801 and Clozapine on the Proteome of Cultured Human Oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 52	6.1	26
216	Proteomic approaches to unravel the complexity of schizophrenia. <i>Expert Review of Proteomics</i> , 2012 , 9, 97-108	4.2	25

215	Behavioral and molecular biomarkers in translational animal models for neuropsychiatric disorders. <i>International Review of Neurobiology</i> , 2011 , 101, 203-38	4.4	25
214	Identification and characterization of a truncated variant of the 5-hydroxytryptamine(2A) receptor produced by alternative splicing. <i>Brain Research</i> , 2000 , 876, 238-44	3.7	25
213	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. <i>Journal of Proteome Research</i> , 2015 , 14, 411-21	5.6	24
212	Proteomics: improving biomarker translation to modern medicine??. <i>Genome Medicine</i> , 2013 , 5, 17	14.4	24
211	Molecular sex differences in human serum. <i>PLoS ONE</i> , 2012 , 7, e51504	3.7	24
210	The emergence of point-of-care blood-based biomarker testing for psychiatric disorders: enabling personalized medicine. <i>Biomarkers in Medicine</i> , 2016 , 10, 431-43	2.3	23
209	Identification of a molecular profile associated with immune status in first-onset schizophrenia patients. <i>Clinical Schizophrenia and Related Psychoses</i> , 2014 , 7, 207-15	1.6	23
208	Antipsychotic treatment of acute paranoid schizophrenia patients with olanzapine results in altered glycosylation of serum glycoproteins. <i>Journal of Proteome Research</i> , 2012 , 11, 3743-52	5.6	23
207	Abnormalities in metabolism and hypothalamic-pituitary-adrenal axis function in schizophrenia. <i>International Review of Neurobiology</i> , 2011 , 101, 145-68	4.4	23
206	Identification of targeted analyte clusters for studies of schizophrenia. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 510-22	7.6	23
205	Affinity depletion of plasma and serum for mass spectrometry-based proteome analysis. <i>Methods in Molecular Biology</i> , 2013 , 1002, 1-11	1.4	22
204	A PC12 variant lacking regulated secretory organelles: aberrant protein targeting and evidence for a factor inhibiting neuroendocrine gene expression. <i>Journal of Neurochemistry</i> , 1999 , 73, 21-30	6	22
203	Characterizing the proteome of the human dorsolateral prefrontal cortex by shotgun mass spectrometry. <i>Proteomics</i> , 2011 , 11, 2347-53	4.8	21
202	Multiplexing Biomarker Methods, Proteomics and Considerations for Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 21-48	3.6	20
201	Blood test for schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012 , 262 Suppl 2, S79-83	5.1	18
200	Identification of proteomic changes during differentiation of adult mouse subventricular zone progenitor cells. <i>Stem Cells and Development</i> , 2007 , 16, 143-65	4.4	18
199	Assessment of Insulin Resistance Among Drug-Naive Patients With First-Episode Schizophrenia in the Context of Hormonal Stress Axis Activation. <i>JAMA Psychiatry</i> , 2017 , 74, 968-970	14.5	17
198	The post-translational processing and intracellular sorting of carboxypeptidase H in the islets of Langerhans. <i>Molecular and Cellular Endocrinology</i> , 1995 , 113, 99-108	4.4	17

197	Pretreatment levels of the fatty acid handling proteins H-FABP and CD36 predict response to olanzapine in recent-onset schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2016 , 52, 178-186	16.6	16
196	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 Spec No., 36-42	3.9	16
195	Proteomic changes induced by anaesthesia and muscle relaxant treatment prior to electroconvulsive therapy. <i>Proteomics - Clinical Applications</i> , 2011 , 5, 644-9	3.1	16
194	Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain. <i>World Journal of Biological Psychiatry</i> , 2015 , 16, 22-30	3.8	15
193	Proteomic analysis of the maternal protein restriction rat model for schizophrenia: identification of translational changes in hormonal signaling pathways and glutamate neurotransmission. <i>Proteomics</i> , 2012 , 12, 3580-9	4.8	15
192	Proteomic profiling in schizophrenia: enabling stratification for more effective treatment. <i>Genome Medicine</i> , 2013 , 5, 25	14.4	15
191	Comprehensive two-dimensional liquid chromatography mass spectrometric profiling of the rat hippocampal proteome. <i>Proteomics</i> , 2011 , 11, 501-5	4.8	15
190	Challenges of introducing new biomarker products for neuropsychiatric disorders into the market. <i>International Review of Neurobiology</i> , 2011 , 101, 299-327	4.4	15
189	Identification of altered dipeptidyl-peptidase activities as potential biomarkers for unipolar depression. <i>Journal of Affective Disorders</i> , 2013 , 151, 667-672	6.6	14
188	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	5.5	14
187	Multiplex immunoassay analysis of plasma shows differences in biomarkers related to manic or mixed mood states in bipolar disorder patients. <i>Journal of Affective Disorders</i> , 2015 , 185, 12-6	6.6	13
186	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	5	13
185	Effects of olanzapine on serum protein phosphorylation patterns in patients with schizophrenia. <i>Proteomics - Clinical Applications</i> , 2015 , 9, 907-16	3.1	13
184	Hippocampal Proteomic and Metabonomic Abnormalities in Neurotransmission, Oxidative Stress, and Apoptotic Pathways in a Chronic Phencyclidine Rat Model. <i>Journal of Proteome Research</i> , 2015 , 14, 3174-87	5.6	13
183	Characterization of the human primary visual cortex and cerebellum proteomes using shotgun mass spectrometry-data-independent analyses. <i>Proteomics</i> , 2012 , 12, 500-4	4.8	13
182	Detection of gender differences in rat lens proteins using 2-D-DIGE. <i>Proteomics</i> , 2006 , 6, 667-76	4.8	13
181	Early Diagnosis and Targeted Treatment Strategy for Improved Therapeutic Outcomes in Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1260, 175-191	3.6	13
180	Glucose homeostasis in major depression and schizophrenia: a comparison among drug-naïve first-episode patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019 , 269, 373-377	5.1	13

179	Central and peripheral changes underlying susceptibility and resistance to social defeat stress â proteomic profiling study 2015 , 1, 1-7		12
178	Algorithm development for diagnostic biomarker assays. <i>International Review of Neurobiology</i> , 2011 , 101, 279-98	4.4	12
177	The need for phosphoproteomic approaches in psychiatric research. <i>Journal of Psychiatric Research</i> , 2011 , 45, 1404-6	5.2	12
176	Metabonomic studies of schizophrenia and psychotropic medications: focus on alterations in CNS energy homeostasis. <i>Bioanalysis</i> , 2009 , 1, 1615-26	2.1	12
175	The Forced Swim Test for Depression-Like Behavior in Rodents. <i>Methods in Molecular Biology</i> , 2019 , 1916, 75-80	1.4	12
174	Characterization of the db/db Mouse Model of Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2019 , 1916, 195-201	1.4	12
173	The need for a comprehensive molecular characterization of autism spectrum disorders. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 651-73	5.8	11
172	Translating potential biomarker candidates for schizophrenia and depression to animal models of psychiatric disorders. <i>Expert Review of Molecular Diagnostics</i> , 2011 , 11, 721-33	3.8	11
171	Effectiveness of Curcumin on Outcomes of Hospitalized COVID-19 Patients: A Systematic Review of Clinical Trials.. <i>Nutrients</i> , 2022 , 14,	6.7	11
170	Acute Kidney Injury and Covid-19: A Scoping Review and Meta-Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1321, 309-324	3.6	11
169	Identifying Biomarker Candidates in the Blood Plasma or Serum Proteome. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 193-203	3.6	10
168	Technological advances for deciphering the complexity of psychiatric disorders: merging proteomics with cell biology. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1327-41	5.8	10
167	Analysis of the rat hypothalamus proteome by data-independent label-free LC-MS/MS. <i>Proteomics</i> , 2012 , 12, 3386-92	4.8	10
166	Nutritional Programming Effects on Development of Metabolic Disorders in Later Life. <i>Methods in Molecular Biology</i> , 2018 , 1735, 3-17	1.4	9
165	Molecular mimicry of NMDA receptors may contribute to neuropsychiatric symptoms in severe COVID-19 cases. <i>Journal of Neuroinflammation</i> , 2021 , 18, 245	10.1	9
164	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	1.4	9
163	Insulin Resistance in Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1134, 1-16	3.6	8
162	Differential phosphorylation of serum proteins reflecting inflammatory changes in schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012 , 262, 453-5	5.1	8

161	Testes sanguíneos de biomarcadores para diagnóstico e tratamento de desordens mentais: foco em esquizofrenia. <i>Revista De Psiquiatria Clinica</i> , 2013 , 40, 02-09	0.8	8
160	Employing proteomics to unravel the molecular effects of antipsychotics and their role in schizophrenia. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 442-55	3.1	8
159	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	5.5	8
158	The effect of caloric restriction and fasting on cancer. <i>Seminars in Cancer Biology</i> , 2021 , 73, 30-44	12.7	8
157	Improved COVID-19 Outcomes following Statin Therapy: An Updated Systematic Review and Meta-analysis. <i>BioMed Research International</i> , 2021 , 2021, 1901772	3	8
156	Application of Proteomic Techniques for Improved Stratification and Treatment of Schizophrenia Patients. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 3-19	3.6	7
155	MK-801-Treated Oligodendrocytes as a Cellular Model to Study Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 269-277	3.6	7
154	Perineuronal oligodendrocytes in health and disease: the journey so far. <i>Reviews in the Neurosciences</i> , 2019 , 31, 89-99	4.7	7
153	Proteomic Differences in Blood Plasma Associated with Antidepressant Treatment Response. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 272	6.1	7
152	The Therapeutic Potential of Ketogenic Diet Throughout Life: Focus on Metabolic, Neurodevelopmental and Neurodegenerative Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1178, 77-101	3.6	7
151	Proteomic Markers for Depression. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1118, 191-206	3.6	7
150	The 2019 Novel Coronavirus Disease in Pregnancy: A Systematic Review. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1321, 299-307	3.6	7
149	The Application of Multiplex Biomarker Techniques for Improved Stratification and Treatment of Schizophrenia Patients. <i>Methods in Molecular Biology</i> , 2017 , 1546, 19-35	1.4	6
148	Characterization of the Goto-Kakizaki (GK) Rat Model of Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2019 , 1916, 203-211	1.4	6
147	Application of Multiplex Biomarker Approaches to Accelerate Drug Discovery and Development. <i>Methods in Molecular Biology</i> , 2017 , 1546, 3-17	1.4	5
146	Co-immunoprecipitation for Deciphering Protein Interactomes. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 229-236	3.6	5
145	Biogenesis of the Insulin Secretory Granule in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1134, 17-32	3.6	5
144	An overview of the human brain myelin proteome and differences associated with schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2021 , 22, 271-287	3.8	5

143	Identification of protein biomarkers in human serum using iTRAQ and shotgun mass spectrometry. <i>Methods in Molecular Biology</i> , 2013 , 1061, 291-307	1.4	5
142	Biomarker discovery in human cerebrospinal fluid: the need for integrative metabolome and proteome databases. <i>Genome Medicine</i> , 2012 , 4, 39	14.4	5
141	Challenges in drug target discovery in bipolar disorder. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 565-77	6.4	5
140	Effects on Glial Cell Glycolysis in Schizophrenia: An Advanced Aging Phenotype?. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1178, 25-38	3.6	5
139	Long-term Health Outcomes Among Survivors Exposed to Sulfur Mustard in Iran. <i>JAMA Network Open</i> , 2020 , 3, e2028894	10.4	5
138	The Nest Building Test in Mice for Assessment of General Well-Being. <i>Methods in Molecular Biology</i> , 2019 , 1916, 87-91	1.4	5
137	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	5.1	5
136	Cardiac Injury in COVID-19: A Systematic Review. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1321, 325-333	3.6	5
135	Connecting Brain Proteomics with Behavioural Neuroscience in Translational Animal Models of Neuropsychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 97-114	3.6	4
134	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	3.6	4
133	Multiplex Immunoassay Profiling of Serum in Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 149-156	3.6	4
132	Preparation of Peripheral Blood Mononuclear Cells (PBMCs) as a Model for Proteomic Studies of Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 299-303	3.6	4
131	Lab-on-a-Chip Proteomic Assays for Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 974, 339-349	3.6	4
130	Blood plasma proteomic modulation induced by olanzapine and risperidone in schizophrenia patients. <i>Journal of Proteomics</i> , 2020 , 224, 103813	3.9	4
129	Developmental Origins of Stress and Psychiatric Disorders. <i>Methods in Molecular Biology</i> , 2018 , 1735, 47-58	1.4	4
128	Neuropsychiatric Sequelae of Early Nutritional Modifications: A Beginner's Guide to Behavioral Analysis. <i>Methods in Molecular Biology</i> , 2018 , 1735, 403-420	1.4	4
127	Development of a novel assay for proprotein converting enzyme activity on a multiplex bead-based array system. <i>Proteomics</i> , 2013 , 13, 2976-9	4.8	4
126	Estudos tradicionais de neuropsiquiatria e esquizofrenia: modelos animais genéticos e de neurodesenvolvimento. <i>Revista De Psiquiatria Clinica</i> , 2013 , 40, 41-50	0.8	4

125	Curcumin and Piperine in COVID-19: A Promising Duo to the Rescue?. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1327, 197-204	3.6	4
124	Survey of Immediate Psychological Distress Levels Among Healthcare Workers in the COVID-19 Epidemic: A Cross-Sectional Study. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1321, 237-243	3.6	4
123	Coronavirus (COVID-19)-Associated Psychological Distress Among Medical Students in Iran. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1321, 245-251	3.6	4
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