Johann Steiner

List of Publications by Citations

215 papers	7,776 citations	46 h-index	81 g-index
231 ext. papers	9,107 ext. citations	5.2 avg, IF	5.95 L-index

#	Paper	IF	Citations
215	Immunological aspects in the neurobiology of suicide: elevated microglial density in schizophrenia and depression is associated with suicide. *Journal of Psychiatric Research*, **2008**, 42, 151-7	5.2	574
214	Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: evidence for an immune-modulated glutamatergic neurotransmission?. *Journal of Neuroinflammation*, **2011**, 8, 94	10.1	360
213	Increased prevalence of diverse N-methyl-D-aspartate glutamate receptor antibodies in patients with an initial diagnosis of schizophrenia: specific relevance of IgG NR1a antibodies for distinction from N-methyl-D-aspartate glutamate receptor encephalitis. *JAMA Psychiatry*, **2013**, 70, 271-8	14.5	280
212	The immune theory of psychiatric diseases: a key role for activated microglia and circulating monocytes. *Journal of Leukocyte Biology*, **2012**, 92, 959-75	6.5	233
211	Seroprevalence of autoantibodies against brain antigens in health and disease. *Annals of Neurology*, **2014**, 76, 82-94	9.4	225
210	The new field of ‘precision psychiatry’. *BMC Medicine*, **2017**, 15, 80	11.4	218
209	The role of dopamine in schizophrenia from a neurobiological and evolutionary perspective: old fashioned, but still in vogue. *Frontiers in Psychiatry*, **2014**, 5, 47	5	201
208	Evidence for a wide extra-astrocytic distribution of S100B in human brain. *BMC Neuroscience*, **2007**, 8, 2	3.2	190
207	Distribution of HLA-DR-positive microglia in schizophrenia reflects impaired cerebral lateralization. *Acta Neuropathologica*, **2006**, 112, 305-16	14.3	173
206	Glial cells in schizophrenia: pathophysiological significance and possible consequences for therapy. *Expert Review of Neurotherapeutics*, **2009**, 9, 1059-71	4.3	158
205	Glial cells as key players in schizophrenia pathology: recent insights and concepts of therapy. *Schizophrenia Research*, **2015**, 161, 4-18	3.6	143
204	Autoimmune psychosis: an international consensus on an approach to the diagnosis and management of psychosis of suspected autoimmune origin. *Lancet Psychiatry,the*, **2020**, 7, 93-108	23.3	138
203	Glutamatergic and resting-state functional connectivity correlates of severity in major depression - the role of pregenual anterior cingulate cortex and anterior insula. *Frontiers in Systems Neuroscience*, **2010**, 4,	3.5	128
202	Different distribution patterns of lymphocytes and microglia in the hippocampus of patients with residual versus paranoid schizophrenia: further evidence for disease course-related immune alterations?. *Brain, Behavior, and Immunity*, **2012**, 26, 1273-9	16.6	120
201	Validation of a blood-based laboratory test to aid in the confirmation of a diagnosis of schizophrenia. *Biomarker Insights*, **2010**, 5, 39-47	3.5	119
200	C-reactive protein concentrations across the mood spectrum in bipolar disorder: a systematic review and meta-analysis. *Lancet Psychiatry,the*, **2016**, 3, 1147-1156	23.3	115
199	Altered levels of circulating insulin and other neuroendocrine hormones associated with the onset of schizophrenia. *Psychoneuroendocrinology*, **2011**, 36, 1092-6	5	110

198	Bridging the gap between the immune and glutamate hypotheses of schizophrenia and major depression: Potential role of glial NMDA receptor modulators and impaired blood-brain barrier integrity. *World Journal of Biological Psychiatry*, **2012**, 13, 482-92	3.8	105
197	Nardilysin, ADAM10, and Alzheimer's disease: of mice and men. *Neurobiology of Aging*, **2014**, 35, e1	5.6	89
196	S100B serum levels are closely correlated with body mass index: an important caveat in neuropsychiatric research. *Psychoneuroendocrinology*, **2010**, 35, 321-4	5	88
195	S100B protein in neurodegenerative disorders. *Clinical Chemistry and Laboratory Medicine*, **2011**, 49, 409-24	3.9	87
194	Deep brain stimulation of the nucleus accumbens for the treatment of addiction. *Annals of the New York Academy of Sciences*, **2013**, 1282, 119-28	6.5	81
193	S100B-immunopositive glia is elevated in paranoid as compared to residual schizophrenia: a morphometric study. *Journal of Psychiatric Research*, **2008**, 42, 868-76	5.2	81
192	25. OLIGODENDROCYTE-BASED IMPAIRMENT OF BRAIN CONNECTIVITY AS TARGET FOR NEW TREATMENT STRATEGIES IN SCHIZOPHRENIA. *Schizophrenia Bulletin*, **2018**, 44, S40-S41	1.3	78
191	8. Allostatic Load is Associated With Positive Symptoms in Schizophrenia and First-Episode Psychosis and Decreases With Antipsychotic Therapy. *Schizophrenia Bulletin*, **2017**, 43, S9-S10	1.3	78
190	S100B-immunopositive astrocytes and oligodendrocytes in the hippocampus are differentially afflicted in unipolar and bipolar depression: a postmortem study. *Journal of Psychiatric Research*, **2013**, 47, 1694-9	5.2	76
189	Proteomic changes in serum of first onset, antidepressant drug-naïve major depression patients. *International Journal of Neuropsychopharmacology*, **2014**, 17, 1599-608	5.8	75
188	Acute schizophrenia is accompanied by reduced T cell and increased B cell immunity. *European Archives of Psychiatry and Clinical Neuroscience*, **2010**, 260, 509-18	5.1	75
187	Serum S100B represents a new biomarker for mood disorders. *Current Drug Targets*, **2013**, 14, 1237-48	3	74
186	Identification of subgroups of schizophrenia patients with changes in either immune or growth factor and hormonal pathways. *Schizophrenia Bulletin*, **2014**, 40, 787-95	1.3	70
185	Hippocampal CA1 deformity is related to symptom severity and antipsychotic dosage in schizophrenia. *Brain*, **2013**, 136, 804-14	11.2	69
184	Preferential networks of the mediodorsal nucleus and centromedian-parafascicular complex of the thalamus--a DTI tractography study. *Human Brain Mapping*, **2012**, 33, 2627-37	5.9	62
183	Dysregulation of GABAergic neurotransmission in mood disorders: a postmortem study. *Annals of the New York Academy of Sciences*, **2007**, 1096, 157-69	6.5	61
182	Prevalence of N-methyl-D-aspartate receptor autoantibodies in the peripheral blood: healthy control samples revisited. *JAMA Psychiatry*, **2014**, 71, 838-9	14.5	60
181	S100B is expressed in, and released from, OLN-93 oligodendrocytes: Influence of serum and glucose deprivation. *Neuroscience*, **2008**, 154, 496-503	3.9	60

180	Nucleus Accumbens Deep Brain Stimulation for Alcohol Addiction - Safety and Clinical Long-term Results of a Pilot Trial. *Pharmacopsychiatry*, **2016**, 49, 170-3	2	59
179	Preexisting Serum Autoantibodies Against the NMDAR Subunit NR1 Modulate Evolution of Lesion Size in Acute Ischemic Stroke. *Stroke*, **2015**, 46, 1180-6	6.7	56
178	Immune system and glucose metabolism interaction in schizophrenia: a chicken-egg dilemma. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2014**, 48, 287-94	5.5	56
177	The brain as immunoprecipitator of serum autoantibodies against N-Methyl-D-aspartate receptor subunit NR1. *Annals of Neurology*, **2016**, 79, 144-51	9.4	56
176	Glial pathology is modified by age in mood disorders--a systematic meta-analysis of serum S100B in vivo studies. *Journal of Affective Disorders*, **2011**, 134, 32-8	6.6	52
175	Validating serum S100B and neuron-specific enolase as biomarkers for the human brain - a combined serum, gene expression and MRI study. *PLoS ONE*, **2012**, 7, e43284	3.7	51
174	The role of hippocampus dysfunction in deficient memory encoding and positive symptoms in schizophrenia. *Psychiatry Research - Neuroimaging*, **2010**, 183, 187-94	2.9	49
173	Decreased Oligodendrocyte and Neuron Number in Anterior Hippocampal Areas and the Entire Hippocampus in Schizophrenia: A Stereological Postmortem Study. *Schizophrenia Bulletin*, **2016**, 42 Suppl 1, S4-S12	1.3	49
172	A new pathophysiological aspect of S100B in schizophrenia: potential regulation of S100B by its scavenger soluble RAGE. *Biological Psychiatry*, **2009**, 65, 1107-10	7.9	48
171	Mood disorders are glial disorders: evidence from in vivo studies. *Cardiovascular Psychiatry and Neurology*, **2010**, 2010, 780645		47
170	Reduced oxytocin receptor gene expression and binding sites in different brain regions in schizophrenia: A post-mortem study. *Schizophrenia Research*, **2016**, 177, 59-66	3.6	47
169	Agmatinase, an inactivator of the putative endogenous antidepressant agmatine, is strongly upregulated in hippocampal interneurons of subjects with mood disorders. *Neuropharmacology*, **2012**, 62, 237-46	5.5	44
168	Towards a blood-based diagnostic panel for bipolar disorder. *Brain, Behavior, and Immunity*, **2016**, 52, 49-57	16.6	43
167	Seroprevalence of N-methyl-D-aspartate glutamate receptor (NMDA-R) autoantibodies in aging subjects without neuropsychiatric disorders and in dementia patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2014**, 264, 545-50	5.1	43
166	A clinical approach to new-onset psychosis associated with immune dysregulation: the concept of autoimmune psychosis. *Journal of Neuroinflammation*, **2018**, 15, 40	10.1	42
165	Distinct molecular phenotypes in male and female schizophrenia patients. *PLoS ONE*, **2013**, 8, e78729	3.7	41
164	Human CD8(+) T cells and NK cells express and secrete S100B upon stimulation. *Brain, Behavior, and Immunity*, **2011**, 25, 1233-41	16.6	41
163	Decreased quinolinic acid in the hippocampus of depressive patients: evidence for local anti-inflammatory and neuroprotective responses?. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 321-9	5.1	40

162	Haloperidol and clozapine decrease S100B release from glial cells. *Neuroscience*, **2010**, 167, 1025-31	3.9	40
161	Nitric oxide and schizophrenia: present knowledge and emerging concepts of therapy. *CNS and Neurological Disorders - Drug Targets*, **2011**, 10, 792-807	2.6	40
160	Microglia in the dorsal raphe nucleus plays a potential role in both suicide facilitation and prevention in affective disorders. *European Archives of Psychiatry and Clinical Neuroscience*, **2017**, 267, 403-415	5.1	38
159	Allostatic load is associated with psychotic symptoms and decreases with antipsychotic treatment in patients with schizophrenia and first-episode psychosis. *Psychoneuroendocrinology*, **2018**, 90, 35-42	5	37
158	Temporal Dynamics of Antidepressant Ketamine Effects on Glutamine Cycling Follow Regional Fingerprints of AMPA and NMDA Receptor Densities. *Neuropsychopharmacology*, **2017**, 42, 1201-1209	8.7	34
157	Autoimmune encephalitis with psychosis: Warning signs, step-by-step diagnostics and treatment. *World Journal of Biological Psychiatry*, **2020**, 21, 241-254	3.8	34
156	Reduced density of ADAM 12-immunoreactive oligodendrocytes in the anterior cingulate white matter of patients with schizophrenia. *World Journal of Biological Psychiatry*, **2010**, 11, 556-66	3.8	33
155	Oxidative stress in drug-naïve 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	5.1	32
154	Clozapine promotes glycolysis and myelin lipid synthesis in cultured oligodendrocytes. *Frontiers in Cellular Neuroscience*, **2014**, 8, 384	6.1	32
153	Suicide and depression in the quantitative analysis of glutamic acid decarboxylase-Immunoreactive neuropil. *Journal of Affective Disorders*, **2009**, 113, 45-55	6.6	32
152	Reduced microglial immunoreactivity for endogenous NMDA receptor agonist quinolinic acid in the hippocampus of schizophrenia patients. *Brain, Behavior, and Immunity*, **2014**, 41, 59-64	16.6	31
151	Increased nuclear Olig1-expression in the pregenual anterior cingulate white matter of patients with major depression: a regenerative attempt to compensate oligodendrocyte loss?. *Journal of Psychiatric Research*, **2013**, 47, 1069-79	5.2	31
150	Disease severity is correlated to tract specific changes of fractional anisotropy in MD and CM thalamus--a DTI study in major depressive disorder. *Journal of Affective Disorders*, **2013**, 149, 116-28	6.6	31
149	MK-801 treatment affects glycolysis in oligodendrocytes more than in astrocytes and neuronal cells: insights for schizophrenia. *Frontiers in Cellular Neuroscience*, **2015**, 9, 180	6.1	31
148	Disruption of glutamate-glutamine-GABA cycle significantly impacts on suicidal behaviour: survey of the literature and own findings on glutamine synthetase. *CNS and Neurological Disorders - Drug Targets*, **2013**, 12, 900-13	2.6	31
147	Volumetric analysis of the hypothalamus, amygdala and hippocampus in non-suicidal and suicidal mood disorder patients--a post-mortem study. *CNS and Neurological Disorders - Drug Targets*, **2013**, 12, 914-20	2.6	29
146	Reduced density of glutamine synthetase immunoreactive astrocytes in different cortical areas in major depression but not in bipolar I disorder. *Frontiers in Cellular Neuroscience*, **2015**, 9, 273	6.1	28
145	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	1.3	26

144	Autoimmune encephalitis as a differential diagnosis of schizophreniform psychosis: clinical symptomatology, pathophysiology, diagnostic approach, and therapeutic considerations. *European Archives of Psychiatry and Clinical Neuroscience*, **2020**, 270, 803-818	5.1	26
143	Demonstration of decreased activity of dorsal raphe nucleus neurons in depressed suicidal patients by the AgNOR staining method. *Journal of Affective Disorders*, **2008**, 111, 251-60	6.6	26
142	Effect of MK-801 and Clozapine on the Proteome of Cultured Human Oligodendrocytes. *Frontiers in Cellular Neuroscience*, **2016**, 10, 52	6.1	26
141	Molecular sex differences in human serum. *PLoS ONE*, **2012**, 7, e51504	3.7	24
140	Tyrosine hydroxylase immunoreactivity in the locus coeruleus is elevated in violent suicidal depressive patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2008**, 258, 513-20	5.1	24
139	Oligodendrocyte and Interneuron Density in Hippocampal Subfields in Schizophrenia and Association of Oligodendrocyte Number with Cognitive Deficits. *Frontiers in Cellular Neuroscience*, **2016**, 10, 78	6.1	24
138	Leptin in bipolar disorder: A systematic review and meta-analysis. *European Psychiatry*, **2016**, 35, 1-7	6	24
137	Evidence of neuroinflammation in subgroups of schizophrenia and mood disorder patients: A semiquantitative postmortem study of CD3 and CD20 immunoreactive lymphocytes in several brain regions. *Neurology Psychiatry and Brain Research*, **2017**, 23, 2-9	2.1	23
136	Distribution of immunoreactive glutamine synthetase in the adult human and mouse brain. Qualitative and quantitative observations with special emphasis on extra-astroglial protein localization. *Journal of Chemical Neuroanatomy*, **2014**, 61-62, 33-50	3.2	23
135	A postmortem assessment of mammillary body volume, neuronal number and densities, and fornix volume in subjects with mood disorders. *European Archives of Psychiatry and Clinical Neuroscience*, **2012**, 262, 637-46	5.1	23
134	Distinct structural alterations independently contributing to working memory deficits and symptomatology in paranoid schizophrenia. *Cortex*, **2013**, 49, 1063-72	3.8	23
133	S100B Serum Levels in Schizophrenia Are Presumably Related to Visceral Obesity and Insulin Resistance. *Cardiovascular Psychiatry and Neurology*, **2010**, 2010, 480707		23
132	Possible impact of microglial cells and the monocyte-macrophage system on suicidal behavior. *CNS and Neurological Disorders - Drug Targets*, **2013**, 12, 971-9	2.6	23
131	Morphometric analysis of the cerebral expression of ATP-binding cassette transporter protein ABCB1 in chronic schizophrenia: Circumscribed deficits in the habenula. *Schizophrenia Research*, **2016**, 177, 52-58	3.6	22
130	Increased densities of nitric oxide synthase expressing neurons in the temporal cortex and the hypothalamic paraventricular nucleus of polytoxicomanic heroin overdose victims: possible implications for heroin neurotoxicity. *Acta Histochemica*, **2014**, 116, 182-90	2	22
129	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia, part III: Molecular mechanisms. *World Journal of Biological Psychiatry*, **2017**, 18, 330-356	3.8	22
128	Increased density of prohibitin-immunoreactive oligodendrocytes in the dorsolateral prefrontal white matter of subjects with schizophrenia suggests extraneuronal roles for the protein in the disease. *NeuroMolecular Medicine*, **2012**, 14, 270-80	4.6	21
127	A morphometric analysis of the septal nuclei in schizophrenia and affective disorders: reduced neuronal density in the lateral septal nucleus in bipolar disorder. *European Archives of Psychiatry and Clinical Neuroscience*, **2011**, 261, 47-58	5.1	21

126	Reduced neuronal expression of insulin-degrading enzyme in the dorsolateral prefrontal cortex of patients with haloperidol-treated, chronic schizophrenia. *Journal of Psychiatric Research*, **2009**, 43, 1095-105	5.2	21
125	Dipeptidyl peptidase IV, which probably plays important roles in Alzheimer disease (AD) pathology, is upregulated in AD brain neurons and associates with amyloid plaques. *Neurochemistry International*, **2018**, 114, 55-57	4.4	20
124	Reduced density of hypothalamic VGF-immunoreactive neurons in schizophrenia: a potential link to impaired growth factor signaling and energy homeostasis. *European Archives of Psychiatry and Clinical Neuroscience*, **2012**, 262, 365-74	5.1	20
123	The volumes of the fornix in schizophrenia and affective disorders: a post-mortem study. *Psychiatry Research - Neuroimaging*, **2008**, 164, 265-73	2.9	20
122	Ketamine influences the locus coeruleus norepinephrine network, with a dependency on norepinephrine transporter genotype - a placebo controlled fMRI study. *NeuroImage: Clinical*, **2018**, 20, 715-723	5.3	20
121	Increased density of GAD65/67 immunoreactive neurons in the posterior subiculum and parahippocampal gyrus in treated patients with chronic schizophrenia. *World Journal of Biological Psychiatry*, **2011**, 12, 57-65	3.8	19
120	Possible sources and functions of L-homoarginine in the brain: review of the literature and own findings. *Amino Acids*, **2015**, 47, 1729-40	3.5	18
119	GABAergic system impairment in the hippocampus and superior temporal gyrus of patients with paranoid schizophrenia: A post-mortem study. *Schizophrenia Research*, **2016**, 177, 10-17	3.6	18
118	Stereological investigation of the posterior hippocampus in affective disorders. *Journal of Neural Transmission*, **2015**, 122, 1019-33	4.3	18
117	Dopamine-glutamate abnormalities in the frontal cortex associated with the catechol-O-methyltransferase (COMT) in schizophrenia. *Brain Research*, **2009**, 1269, 166-75	3.7	18
116	Blood-based immune-endocrine biomarkers of treatment response in´depression. *Journal of Psychiatric Research*, **2016**, 83, 249-259	5.2	18
115	Assessment of Insulin Resistance Among Drug-Naive Patients With First-Episode Schizophrenia in the Context of Hormonal Stress Axis Activation. *JAMA Psychiatry*, **2017**, 74, 968-970	14.5	17
114	The human oligodendrocyte proteome. *Proteomics*, **2013**, 13, 3548-53	4.8	17
113	Protective effects of haloperidol and clozapine on energy-deprived OLN-93 oligodendrocytes. *European Archives of Psychiatry and Clinical Neuroscience*, **2011**, 261, 477-82	5.1	17
112	Reduced neuronal co-localisation of nardilysin and the putative alpha-secretases ADAM10 and ADAM17 in Alzheimer's disease and Down syndrome brains. *Age*, **2009**, 31, 11-25		17
111	Regional and cellular distribution patterns of insulin-degrading enzyme in the adult human brain and pituitary. *Journal of Chemical Neuroanatomy*, **2008**, 35, 216-24	3.2	17
110	Antineuronal antibodies against neurotransmitter receptors and synaptic proteins in schizophrenia: current knowledge and clinical implications. *CNS Drugs*, **2015**, 29, 197-206	6.7	16
109	Postmortem volumetric analysis of the nucleus accumbens in male heroin addicts: implications for deep brain stimulation. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 647-53	5.1	16

108	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	16.6	16
107	Insulin-signaling abnormalities in drug-naïve first-episode schizophrenia: Transduction protein analyses in extracellular vesicles of putative neuronal origin. *European Psychiatry*, **2019**, 62, 124-129	6	16
106	Integration of ultra-high field MRI and histology for connectome based research of brain disorders. *Frontiers in Neuroanatomy*, **2013**, 7, 31	3.6	16
105	Bilaterally reduced claustral volumes in schizophrenia and major depressive disorder: a morphometric postmortem study. *European Archives of Psychiatry and Clinical Neuroscience*, **2016**, 266, 25-33	5.1	15
104	Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain. *World Journal of Biological Psychiatry*, **2015**, 16, 22-30	3.8	15
103	Dysfunction of the blood-cerebrospinal fluid-barrier and N-methyl-D-aspartate glutamate receptor antibodies in dementias. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 483-492	5.1	15
102	Immunohistochemical evidence for impaired nitric oxide signaling of the locus coeruleus in bipolar disorder. *Brain Research*, **2012**, 1459, 91-9	3.7	15
101	VGF expression by T lymphocytes in patients with Alzheimer's disease. *Oncotarget*, **2015**, 6, 14843-51	3.3	15
100	Increased densities of T and B lymphocytes indicate neuroinflammation in subgroups of schizophrenia and mood disorder patients. *Brain, Behavior, and Immunity*, **2020**, 88, 497-506	16.6	14
99	S100B is downregulated in the nuclear proteome of schizophrenia corpus callosum. *European Archives of Psychiatry and Clinical Neuroscience*, **2014**, 264, 311-6	5.1	14
98	Biological pathways modulated by antipsychotics in the blood plasma of schizophrenia patients and their association to a clinical response. *NPJ Schizophrenia*, **2015**, 1, 15050	5.5	14
97	Reduction of gyrification index in the cerebellar vermis in schizophrenia: a post-mortem study. *World Journal of Biological Psychiatry*, **2011**, 12 Suppl 1, 99-103	3.8	14
96	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	5	13
95	Expression of HLA-DR, CD80, and CD86 in Healthy Aging and Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2015**, 47, 177-84	4.3	13
94	Differential regional and cellular distribution of TFF3 peptide in the human brain. *Amino Acids*, **2015** , 47, 1053-63	3.5	13
93	Increased S100B+ NK cell counts in acutely ill schizophrenia patients are correlated with the free cortisol index, but not with S100B serum levels. *Brain, Behavior, and Immunity*, **2012**, 26, 564-7	16.6	13
92	Demonstration of disturbed activity of orbitofrontal pyramidal neurons in depressed patients by the AgNOR staining method. *Journal of Affective Disorders*, **2009**, 118, 131-8	6.6	13
91	Age-related increase of VGF-expression in T lymphocytes. *Aging*, **2014**, 6, 440-53	5.6	13

90	Serum S100B Is Related to Illness Duration and Clinical Symptoms in Schizophrenia-A Meta-Regression Analysis. *Frontiers in Cellular Neuroscience*, **2016**, 10, 46	6.1	13
89	Glucose homeostasis in major depression and schizophrenia: a comparison among drug-naïve first-episode patients. *European Archives of Psychiatry and Clinical Neuroscience*, **2019**, 269, 373-377	5.1	13
88	Associations between SNPs and immune-related circulating proteins in schizophrenia. *Scientific Reports*, **2017**, 7, 12586	4.9	12
87	Differences between unipolar and bipolar I depression in the quantitative analysis of glutamic acid decarboxylase-immunoreactive neuropil. *European Archives of Psychiatry and Clinical Neuroscience*, **2012**, 262, 647-55	5.1	12
86	Demonstration of disturbed activity of external globus pallidus projecting neurons in depressed patients by the AgNOR staining method. *Journal of Affective Disorders*, **2009**, 119, 149-55	6.6	12
85	Demonstration of disturbed activity of the lateral amygdaloid nucleus projection neurons in depressed patients by the AgNOR staining method. *Journal of Affective Disorders*, **2010**, 126, 402-10	6.6	12
84	Beacon-like/ubiquitin-5-like immunoreactivity is highly expressed in human hypothalamus and increased in haloperidol-treated schizophrenics and a rat model of schizophrenia. *Psychoneuroendocrinology*, **2008**, 33, 340-51	5	12
83	The hypothalamus and neuropsychiatric disorders: psychiatry meets microscopy. *Cell and Tissue Research*, **2019**, 375, 243-258	4.2	11
82	The Hypothalamus in Schizophrenia Research: No Longer a Wallflower Existence~!2009-12-09~!2010-02-07~!2010-08-09~!. *Open Neuroendocrinology Journal (Online)*, **2010**, 3, 59-67		11
81	Identification of an Immune-Neuroendocrine Biomarker Panel for Detection of Depression: A Joint Effects Statistical Approach. *Neuroendocrinology*, **2016**, 103, 693-710	5.6	10
80	Increased density of DISC1-immunoreactive oligodendroglial cells in fronto-parietal white matter of patients with paranoid schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, **2016**, 266, 495-504	5.1	10
79	Absence of dopamine receptor serum autoantibodies in schizophrenia patients with an acute disease episode. *Schizophrenia Research*, **2014**, 158, 272-4	3.6	10
78	Calretinin and parvalbumin in schizophrenia and affective disorders: a mini-review, a perspective on the evolutionary role of calretinin in schizophrenia, and a preliminary post-mortem study of calretinin in the septal nuclei. *Frontiers in Cellular Neuroscience*, **2015**, 9, 393	6.1	10
77	Differential distribution of Y-box-binding protein 1 and cold shock domain protein A in developing and adult human brain. *Brain Structure and Function*, **2015**, 220, 2235-45	4	9
76	Total hypothalamic volume is reduced in postmortem brains of male heroin addicts. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 243-248	5.1	9
75	ZNF804A protein is widely expressed in human brain neurons: possible implications on normal brain structure and pathomorphologic changes in schizophrenia. *Schizophrenia Bulletin*, **2014**, 40, 499-500	1.3	9
74	Molecular mimicry of NMDA receptors may contribute to neuropsychiatric symptoms in severe COVID-19 cases. *Journal of Neuroinflammation*, **2021**, 18, 245	10.1	9
73	Insulin-regulated aminopeptidase immunoreactivity is abundantly present in human hypothalamus and posterior pituitary gland, with reduced expression in paraventricular and suprachiasmatic neurons in chronic schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, **2017**, 267, 427-443	5.1	8

72	Elemental fingerprinting of schizophrenia patient blood plasma before and after treatment with antipsychotics. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 565-570	5.1	8
71	Decreased ribosomal DNA transcription in dorsal raphe nucleus neurons differentiates between suicidal and non-suicidal death. *European Archives of Psychiatry and Clinical Neuroscience*, **2016**, 266, 217-24	5.1	8
70	Decrease of serum S100B during an oral glucose tolerance test correlates inversely with the insulin response. *Psychoneuroendocrinology*, **2014**, 39, 33-38	5	8
69	Increased density of AKAP5-expressing neurons in the anterior cingulate cortex of subjects with bipolar disorder. *Journal of Psychiatric Research*, **2013**, 47, 699-705	5.2	8
68	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	5.5	8
67	Application of Proteomic Techniques for Improved Stratification and Treatment of Schizophrenia Patients. *Advances in Experimental Medicine and Biology*, **2017**, 974, 3-19	3.6	7
66	Ribosomal DNA transcription in the dorsal raphe nucleus is increased in residual but not in paranoid schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*, **2015**, 265, 117-26	5.1	7
65	Perineuronal oligodendrocytes in health and disease: the journey so far. *Reviews in the Neurosciences*, **2019**, 31, 89-99	4.7	7
64	Ribosomal DNA transcription in the anterior cingulate cortex is decreased in unipolar but not bipolar I depression. *Psychiatry Research*, **2013**, 210, 338-45	9.9	7
63	Reduced volumes of the external and internal globus pallidus in male heroin addicts: a postmortem study. *European Archives of Psychiatry and Clinical Neuroscience*, **2019**, 269, 317-324	5.1	7
62	The Application of Multiplex Biomarker Techniques for Improved Stratification and Treatment of Schizophrenia Patients. *Methods in Molecular Biology*, **2017**, 1546, 19-35	1.4	6
61	Further evidence for a role of S100B in mood disorders: a human gene expression mega-analysis. *Journal of Psychiatric Research*, **2014**, 53, 84-6	5.2	6
60	N-Methyl-d-aspartate receptor autoantibodies in schizophrenia and affective disorders. *Schizophrenia Research*, **2015**, 162, 291	3.6	6
59	The role of microglia in neuropsychiatric disorders and suicide. *European Archives of Psychiatry and Clinical Neuroscience*, **2021**, 1	5.1	6
58	S11. PLASMA LEPTIN AND ANTHRANILIC ACID IN SCHIZOPHRENIA PATIENTS: NEW BIOMARKERS OF PREDISPOSITION TO METABOLIC ABNORMALITIES. *Schizophrenia Bulletin*, **2020**, 46, S34-S34	1.3	5
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