

Johann Steiner

List of Publications by Year in descending order

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Version: 2024-02-01

218
papers

9,963
citations

38742

50
h-index

45317

90
g-index

231
all docs

231
docs citations

231
times ranked

12730
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunological aspects in the neurobiology of suicide: Elevated microglial density in schizophrenia and depression is associated with suicide. <i>Journal of Psychiatric Research</i> , 2008, 42, 151-157.	3.1	678
2	Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: Evidence for an immune-modulated glutamatergic neurotransmission?. <i>Journal of Neuroinflammation</i> , 2011, 8, 94.	7.2	466
3	The new field of "precision psychiatry". <i>BMC Medicine</i> , 2017, 15, 80.	5.5	347
4	Increased Prevalence of Diverse N -Methyl-D-Aspartate Glutamate Receptor Antibodies in Patients With an Initial Diagnosis of Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 271.	11.0	336
5	Seroprevalence of autoantibodies against brain antigens in health and disease. <i>Annals of Neurology</i> , 2014, 76, 82-94.	5.3	301
6	The immune theory of psychiatric diseases: a key role for activated microglia and circulating monocytes. <i>Journal of Leukocyte Biology</i> , 2012, 92, 959-975.	3.3	293
7	The Role of Dopamine in Schizophrenia from a Neurobiological and Evolutionary Perspective: Old Fashioned, but Still in Vogue. <i>Frontiers in Psychiatry</i> , 2014, 5, 47.	2.6	273
8	Autoimmune psychosis: an international consensus on an approach to the diagnosis and management of psychosis of suspected autoimmune origin. <i>Lancet Psychiatry</i> , 2020, 7, 93-108.	7.4	252
9	Evidence for a wide extra-astrocytic distribution of S100B in human brain. <i>BMC Neuroscience</i> , 2007, 8, 2.	1.9	223
10	Distribution of HLA-DR-positive microglia in schizophrenia reflects impaired cerebral lateralization. <i>Acta Neuropathologica</i> , 2006, 112, 305-316.	7.7	199
11	Glial cells in schizophrenia: pathophysiological significance and possible consequences for therapy. <i>Expert Review of Neurotherapeutics</i> , 2009, 9, 1059-1071.	2.8	178
12	C-reactive protein concentrations across the mood spectrum in bipolar disorder: a systematic review and meta-analysis. <i>Lancet Psychiatry</i> , 2016, 3, 1147-1156.	7.4	169
13	Glial cells as key players in schizophrenia pathology: recent insights and concepts of therapy. <i>Schizophrenia Research</i> , 2015, 161, 4-18.	2.0	166
14	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?. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1273-1279.	4.1	165
15	Glutamatergic and resting state functional connectivity correlates of severity in major depression - the role of pregenual anterior cingulate cortex and anterior insula. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	2.5	150
16	Validation of a Blood-Based Laboratory Test to Aid in the Confirmation of a Diagnosis of Schizophrenia. <i>Biomarker Insights</i> , 2010, 5, BMI.S4877.	2.5	137
17	Altered levels of circulating insulin and other neuroendocrine hormones associated with the onset of schizophrenia. <i>Psychoneuroendocrinology</i> , 2011, 36, 1092-1096.	2.7	130
18	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. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 482-492.	2.6	130

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19	S100B protein in neurodegenerative disorders. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 409-424.	2.3	113
20	Deep brain stimulation of the nucleus accumbens for the treatment of addiction. <i>Annals of the New York Academy of Sciences</i> , 2013, 1282, 119-128.	3.8	106
21	S100B serum levels are closely correlated with body mass index: An important caveat in neuropsychiatric research. <i>Psychoneuroendocrinology</i> , 2010, 35, 321-324.	2.7	96
22	Acute schizophrenia is accompanied by reduced T cell and increased B cell immunity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 509-518.	3.2	95
23	S100B-immunopositive glia is elevated in paranoid as compared to residual schizophrenia: A morphometric study. <i>Journal of Psychiatric Research</i> , 2008, 42, 868-876.	3.1	94
24	S100B-immunopositive astrocytes and oligodendrocytes in the hippocampus are differentially afflicted in unipolar and bipolar depression: A postmortem study. <i>Journal of Psychiatric Research</i> , 2013, 47, 1694-1699.	3.1	92
25	Nardilysin, ADAM10, and Alzheimer's disease: of mice and men. <i>Neurobiology of Aging</i> , 2014, 35, e1.	3.1	92
26	Proteomic changes in serum of first onset, antidepressant drug-naïve major depression patients. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1599-1608.	2.1	91
27	Serum S100B Represents a New Biomarker for Mood Disorders. <i>Current Drug Targets</i> , 2013, 14, 1237-1248.	2.1	91
28	Identification of Subgroups of Schizophrenia Patients With Changes in Either Immune or Growth Factor and Hormonal Pathways. <i>Schizophrenia Bulletin</i> , 2014, 40, 787-795.	4.3	84
29	Hippocampal CA1 deformity is related to symptom severity and antipsychotic dosage in schizophrenia. <i>Brain</i> , 2013, 136, 804-814.	7.6	81
30	Preexisting Serum Autoantibodies Against the NMDAR Subunit NR1 Modulate Evolution of Lesion Size in Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1180-1186.	2.0	79
31	Dysregulation of GABAergic Neurotransmission in Mood Disorders: A Postmortem Study. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 157-169.	3.8	77
32	Nucleus Accumbens Deep Brain Stimulation for Alcohol Addiction – Safety and Clinical Long-term Results of a Pilot Trial. <i>Pharmacopsychiatry</i> , 2016, 49, 170-173.	3.3	76
33	Preferential networks of the mediodorsal nucleus and centromedian parafascicular complex of the thalamus – A DTI tractography study. <i>Human Brain Mapping</i> , 2012, 33, 2627-2637.	3.6	75
34	The brain as immunoprecipitator of serum autoantibodies against N-Methyl-D-Aspartate receptor subunit NR1. <i>Annals of Neurology</i> , 2016, 79, 144-151.	5.3	75
35	Prevalence of N-Methyl-D-Aspartate Receptor Autoantibodies in the Peripheral Blood. <i>JAMA Psychiatry</i> , 2014, 71, 838.	11.0	73
36	Decreased Oligodendrocyte and Neuron Number in Anterior Hippocampal Areas and the Entire Hippocampus in Schizophrenia: A Stereological Postmortem Study. <i>Schizophrenia Bulletin</i> , 2016, 42, S4-S12.	4.3	68

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37	Immune system and glucose metabolism interaction in schizophrenia: A chickenâ€‘egg dilemma. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 287-294.	4.8	66
38	S100B is expressed in, and released from, OLN-93 oligodendrocytes: Influence of serum and glucose deprivation. <i>Neuroscience</i> , 2008, 154, 496-503.	2.3	65
39	Decreased quinolinic acid in the hippocampus of depressive patients: evidence for local anti-inflammatory and neuroprotective responses?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 321-329.	3.2	65
40	A clinical approach to new-onset psychosis associated with immune dysregulation: the concept of autoimmune psychosis. <i>Journal of Neuroinflammation</i> , 2018, 15, 40.	7.2	62
41	Increased densities of T and B lymphocytes indicate neuroinflammation in subgroups of schizophrenia and mood disorder patients. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 497-506.	4.1	62
42	Validating Serum S100B and Neuron-Specific Enolase as Biomarkers for the Human Brain â€‘ A Combined Serum, Gene Expression and MRI Study. <i>PLoS ONE</i> , 2012, 7, e43284.	2.5	62
43	Mood Disorders Are Glial Disorders: Evidence from In Vivo Studies. <i>Cardiovascular Psychiatry and Neurology</i> , 2010, 2010, 1-7.	0.8	61
44	A New Pathophysiological Aspect of S100B in Schizophrenia: Potential Regulation of S100B by Its Scavenger Soluble RAGE. <i>Biological Psychiatry</i> , 2009, 65, 1107-1110.	1.3	59
45	Towards a blood-based diagnostic panel for bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 49-57.	4.1	59
46	Autoimmune encephalitis as a differential diagnosis of schizophreniform psychosis: clinical symptomatology, pathophysiology, diagnostic approach, and therapeutic considerations. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 803-818.	3.2	59
47	Reduced oxytocin receptor gene expression and binding sites in different brain regions in schizophrenia: A post-mortem study. <i>Schizophrenia Research</i> , 2016, 177, 59-66.	2.0	58
48	Temporal Dynamics of Antidepressant Ketamine Effects on Glutamine Cycling Follow Regional Fingerprints of AMPA and NMDA Receptor Densities. <i>Neuropsychopharmacology</i> , 2017, 42, 1201-1209.	5.4	57
49	Glial pathology is modified by age in mood disorders â€‘ A systematic meta-analysis of serum S100B in vivo studies. <i>Journal of Affective Disorders</i> , 2011, 134, 32-38.	4.1	55
50	Seroprevalence of n-methyl-d-aspartate glutamate receptor (NMDA-R) autoantibodies in aging subjects without neuropsychiatric disorders and in dementia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 545-550.	3.2	55
51	The role of hippocampus dysfunction in deficient memory encoding and positive symptoms in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 187-194.	1.8	53
52	Human CD8+ T cells and NK cells express and secrete S100B upon stimulation. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1233-1241.	4.1	53
53	Agmatinase, an inactivator of the putative endogenous antidepressant agmatine, is strongly upregulated in hippocampal interneurons of subjects with mood disorders. <i>Neuropharmacology</i> , 2012, 62, 237-246.	4.1	50
54	Microglia in the dorsal raphe nucleus plays a potential role in both suicide facilitation and prevention in affective disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 403-415.	3.2	50

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55	Distinct Molecular Phenotypes in Male and Female Schizophrenia Patients. <i>PLoS ONE</i> , 2013, 8, e78729.	2.5	48
56	Autoimmune encephalitis with psychosis: Warning signs, step-by-step diagnostics and treatment. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 241-254.	2.6	48
57	Allostatic load is associated with psychotic symptoms and decreases with antipsychotic treatment in patients with schizophrenia and first-episode psychosis. <i>Psychoneuroendocrinology</i> , 2018, 90, 35-42.	2.7	47
58	Haloperidol and clozapine decrease S100B release from glial cells. <i>Neuroscience</i> , 2010, 167, 1025-1031.	2.3	46
59	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.	4.3	46
60	Clozapine promotes glycolysis and myelin lipid synthesis in cultured oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 384.	3.7	45
61	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.	3.2	45
62	Nitric Oxide and Schizophrenia: Present Knowledge and Emerging Concepts of Therapy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 792-807.	1.4	45
63	Reduced microglial immunoreactivity for endogenous NMDA receptor agonist quinolinic acid in the hippocampus of schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 59-64.	4.1	42
64	Disruption of Glutamate-Glutamine-GABA Cycle Significantly Impacts on Suicidal Behaviour: Survey of the Literature and Own Findings on Glutamine Synthetase.. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 900-913.	1.4	40
65	Molecular mimicry of NMDA receptors may contribute to neuropsychiatric symptoms in severe COVID-19 cases. <i>Journal of Neuroinflammation</i> , 2021, 18, 245.	7.2	38
66	Suicide and depression in the quantitative analysis of glutamic acid decarboxylase-Immunoreactive neuropil. <i>Journal of Affective Disorders</i> , 2009, 113, 45-55.	4.1	37
67	Oligodendrocyte and Interneuron Density in Hippocampal Subfields in Schizophrenia and Association of Oligodendrocyte Number with Cognitive Deficits. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 78.	3.7	37
68	Reduced density of ADAM 12-immunoreactive oligodendrocytes in the anterior cingulate white matter of patients with schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 556-566.	2.6	36
69	Disease severity is correlated to tract specific changes of fractional anisotropy in MD and CM thalamusâ€”A DTI study in major depressive disorder. <i>Journal of Affective Disorders</i> , 2013, 149, 116-128.	4.1	36
70	Reduced density of glutamine synthetase immunoreactive astrocytes in different cortical areas in major depression but not in bipolar I disorder. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 273.	3.7	36
71	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.	3.7	35
72	Effect of MK-801 and Clozapine on the Proteome of Cultured Human Oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 52.	3.7	35

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73	Increased nuclear Olig1-expression in the pregenual anterior cingulate white matter of patients with major depression: A regenerative attempt to compensate oligodendrocyte loss?. <i>Journal of Psychiatric Research</i> , 2013, 47, 1069-1079.	3.1	34
74	Distribution of immunoreactive glutamine synthetase in the adult human and mouse brain. Qualitative and quantitative observations with special emphasis on extra-astroglial protein localization. <i>Journal of Chemical Neuroanatomy</i> , 2014, 61-62, 33-50.	2.1	34
75	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.	2.6	33
76	Demonstration of decreased activity of dorsal raphe nucleus neurons in depressed suicidal patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2008, 111, 251-260.	4.1	32
77	A postmortem assessment of mammillary body volume, neuronal number and densities, and fornix volume in subjects with mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 637-646.	3.2	32
78	Leptin in bipolar disorder: A systematic review and meta-analysis. <i>European Psychiatry</i> , 2016, 35, 1-7.	0.2	32
79	Volumetric Analysis of the Hypothalamus, Amygdala and Hippocampus in Non-Suicidal and Suicidal Mood Disorder Patients – A Post-Mortem Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 914-920.	1.4	32
80	Possible Impact of Microglial Cells and the Monocyte-Macrophage System on Suicidal Behavior. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 971-979.	1.4	31
81	Insulin-signaling abnormalities in drug-naïve first-episode schizophrenia: Transduction protein analyses in extracellular vesicles of putative neuronal origin. <i>European Psychiatry</i> , 2019, 62, 124-129.	0.2	30
82	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. <i>Neurology Psychiatry and Brain Research</i> , 2017, 23, 2-9.	2.0	29
83	Ketamine influences the locus coeruleus norepinephrine network, with a dependency on norepinephrine transporter genotype – a placebo controlled fMRI study. <i>NeuroImage: Clinical</i> , 2018, 20, 715-723.	2.7	29
84	Morphometric analysis of the cerebral expression of ATP-binding cassette transporter protein ABCB1 in chronic schizophrenia: Circumscribed deficits in the habenula. <i>Schizophrenia Research</i> , 2016, 177, 52-58.	2.0	28
85	Bilaterally reduced claustral volumes in schizophrenia and major depressive disorder: a morphometric postmortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 25-33.	3.2	28
86	Tyrosine hydroxylase immunoreactivity in the locus coeruleus is elevated in violent suicidal depressive patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 513-520.	3.2	27
87	S100B Serum Levels in Schizophrenia Are Presumably Related to Visceral Obesity and Insulin Resistance. <i>Cardiovascular Psychiatry and Neurology</i> , 2010, 2010, 1-11.	0.8	27
88	GABAergic system impairment in the hippocampus and superior temporal gyrus of patients with paranoid schizophrenia: A post-mortem study. <i>Schizophrenia Research</i> , 2016, 177, 10-17.	2.0	27
89	Dipeptidyl peptidase IV, which probably plays important roles in Alzheimer disease (AD) pathology, is upregulated in AD brain neurons and associates with amyloid plaques. <i>Neurochemistry International</i> , 2018, 114, 55-57.	3.8	27
90	A morphometric analysis of the septal nuclei in schizophrenia and affective disorders: reduced neuronal density in the lateral septal nucleus in bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 47-58.	3.2	26

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91	Molecular Sex Differences in Human Serum. PLoS ONE, 2012, 7, e51504.	2.5	26
92	Distinct structural alterations independently contributing to working memory deficits and symptomatology in paranoid schizophrenia. Cortex, 2013, 49, 1063-1072.	2.4	26
93	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, 182-190.	1.8	26
94	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.	4.1	26
95	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.	11.0	26
96	The role of microglia in neuropsychiatric disorders and suicide. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 929-945.	3.2	26
97	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, 270-280.	3.4	25
98	Stereological investigation of the posterior hippocampus in affective disorders. Journal of Neural Transmission, 2015, 122, 1019-1033.	2.8	25
99	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.	2.6	24
100	The human oligodendrocyte proteome. Proteomics, 2013, 13, 3548-3553.	2.2	24
101	Integration of ultra-high field MRI and histology for connectome based research of brain disorders. Frontiers in Neuroanatomy, 2013, 7, 31.	1.7	24
102	Blood-based immune-endocrine biomarkers of treatment response in depression. Journal of Psychiatric Research, 2016, 83, 249-259.	3.1	24
103	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, 1095-1105.	3.1	23
104	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, 365-374.	3.2	23
105	Biological pathways modulated by antipsychotics in the blood plasma of schizophrenia patients and their association to a clinical response. NPJ Schizophrenia, 2015, 1, 15050.	3.6	23
106	Expression of HLA-DR, CD80, and CD86 in Healthy Aging and Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 47, 177-184.	2.6	23
107	Antineuronal Antibodies Against Neurotransmitter Receptors and Synaptic Proteins in Schizophrenia: Current Knowledge and Clinical Implications. CNS Drugs, 2015, 29, 197-206.	5.9	23
108	Regional and cellular distribution patterns of insulin-degrading enzyme in the adult human brain and pituitary. Journal of Chemical Neuroanatomy, 2008, 35, 216-224.	2.1	22

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109	Dopamineâ€“glutamate abnormalities in the frontal cortex associated with the catechol-O-methyltransferase (COMT) in schizophrenia. <i>Brain Research</i> , 2009, 1269, 166-175.	2.2	22
110	Possible sources and functions of l-homoarginine in the brain: review of the literature and own findings. <i>Amino Acids</i> , 2015, 47, 1729-1740.	2.7	22
111	Postmortem volumetric analysis of the nucleus accumbens in male heroin addicts: implications for deep brain stimulation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 647-653.	3.2	22
112	Protective effects of haloperidol and clozapine on energy-deprived OLN-93 oligodendrocytes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 477-482.	3.2	21
113	Serum S100B Is Related to Illness Duration and Clinical Symptoms in Schizophreniaâ€“A Meta-Regression Analysis. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 46.	3.7	21
114	Associations between SNPs and immune-related circulating proteins in schizophrenia. <i>Scientific Reports</i> , 2017, 7, 12586.	3.3	21
115	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.	2.6	21
116	The volumes of the fornix in schizophrenia and affective disorders: A post-mortem study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 265-273.	1.8	20
117	Reduced neuronal co-localisation of nardilysin and the putative β -secretases ADAM10 and ADAM17 in Alzheimerâ€™s disease and Down syndrome brains. <i>Age</i> , 2009, 31, 11-25.	3.0	20
118	Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 22-30.	2.6	20
119	VGF expression by T lymphocytes in patients with Alzheimer's disease. <i>Oncotarget</i> , 2015, 6, 14843-14851.	1.8	20
120	Dysfunction of the blood-cerebrospinal fluid-barrier and N-methyl-d-aspartate glutamate receptor antibodies in dementias. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 483-492.	3.2	19
121	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.	3.2	19
122	S100B is downregulated in the nuclear proteome of schizophrenia corpus callosum. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 311-316.	3.2	18
123	The hypothalamus and neuropsychiatric disorders: psychiatry meets microscopy. <i>Cell and Tissue Research</i> , 2019, 375, 243-258.	2.9	18
124	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.	4.8	18
125	Immunohistochemical evidence for impaired nitric oxide signaling of the locus coeruleus in bipolar disorder. <i>Brain Research</i> , 2012, 1459, 91-99.	2.2	17
126	Age-related increase of VGF-expression in T lymphocytes. <i>Aging</i> , 2014, 6, 440-453.	3.1	17

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127	Differences between unipolar and bipolar I depression in the quantitative analysis of glutamic acid decarboxylase-immunoreactive neuropil. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 647-655.	3.2	16
128	Increased S100B+ NK cell counts in acutely ill schizophrenia patients are correlated with the free cortisol index, but not with S100B serum levels. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 564-567.	4.1	16
129	Reduction of gyrification index in the cerebellar vermis in schizophrenia: A post-mortem study. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 99-103.	2.6	15
130	Differential regional and cellular distribution of TFF3 peptide in the human brain. <i>Amino Acids</i> , 2015, 47, 1053-1063.	2.7	15
131	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.	3.2	15
132	Demonstration of disturbed activity of external globus pallidus projecting neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2009, 119, 149-155.	4.1	14
133	Further evidence for a role of S100B in mood disorders: A human gene expression mega-analysis. <i>Journal of Psychiatric Research</i> , 2014, 53, 84-86.	3.1	14
134	Increased density of DISC1-immunoreactive oligodendroglial cells in fronto-parietal white matter of patients with paranoid schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 495-504.	3.2	14
135	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. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 427-443.	3.2	14
136	Beacon-like/ubiquitin-5-like immunoreactivity is highly expressed in human hypothalamus and increased in haloperidol-treated schizophrenics and a rat model of schizophrenia. <i>Psychoneuroendocrinology</i> , 2008, 33, 340-351.	2.7	13
137	Demonstration of disturbed activity of orbitofrontal pyramidal neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2009, 118, 131-138.	4.1	13
138	Association of thyroid peroxidase antibodies with anti-neuronal surface antibodies in health, depression and schizophrenia – Complementary linkage with somatic symptoms of major depression. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 47-54.	4.1	13
139	The Hypothalamus in Schizophrenia Research: No Longer a Wallflower Existence – 2009-12-09 – 2010-02-07 – 2010-08-09 –!. <i>Open Neuroendocrinology Journal (Online)</i> , 2010, 3, 59-67.	0.4	13
140	Demonstration of disturbed activity of the lateral amygdaloid nucleus projection neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2010, 126, 402-410.	4.1	12
141	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. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 393.	3.7	12
142	Ribosomal DNA transcription in the dorsal raphe nucleus is increased in residual but not in paranoid schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 117-126.	3.2	12
143	Identification of an Immune-Neuroendocrine Biomarker Panel for Detection of Depression: A Joint Effects Statistical Approach. <i>Neuroendocrinology</i> , 2016, 103, 693-710.	2.5	12
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