

# Jrgen Gallinat

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/12200908/jurgen-gallinat-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213  
papers

11,034  
citations

57  
h-index

96  
g-index

221  
ext. papers

12,670  
ext. citations

5.6  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
213	BRAIN NETWORKS. Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , <b>2015</b> , 348, 1241-4	33.3	355
212	Common biology of craving across legal and illegal drugs - a quantitative meta-analysis of cue-reactivity brain response. <i>European Journal of Neuroscience</i> , <b>2011</b> , 33, 1318-26	3.5	337
211	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 920-5	25.5	304
210	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , <b>2016</b> , 15, 485-515	64.1	284
209	Smoking and structural brain deficits: a volumetric MR investigation. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 1744-50	3.5	268
208	Dysfunction of ventral striatal reward prediction in schizophrenic patients treated with typical, not atypical, neuroleptics. <i>Psychopharmacology</i> , <b>2006</b> , 187, 222-8	4.7	262
207	Glutamate concentrations in human brain using single voxel proton magnetic resonance spectroscopy at 3 Tesla. <i>NeuroImage</i> , <b>2004</b> , 21, 1762-71	7.9	222
206	Molecular mechanisms of schizophrenia. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 20, 687-702	3.9	214
205	Association of a functional BDNF polymorphism and anxiety-related personality traits. <i>Psychopharmacology</i> , <b>2005</b> , 180, 95-9	4.7	214
204	Resting-state brain activity in schizophrenia and major depression: a quantitative meta-analysis. <i>Schizophrenia Bulletin</i> , <b>2013</b> , 39, 358-65	1.3	203
203	Reduced oscillatory gamma-band responses in unmedicated schizophrenic patients indicate impaired frontal network processing. <i>Clinical Neurophysiology</i> , <b>2004</b> , 115, 1863-74	4.3	199
202	Gray matter correlates of posttraumatic stress disorder: a quantitative meta-analysis. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 70-4	7.9	188
201	BDNF serum concentrations in healthy volunteers are associated with depression-related personality traits. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 795-8	8.7	184
200	Reward system activation in schizophrenic patients switched from typical neuroleptics to olanzapine. <i>Psychopharmacology</i> , <b>2008</b> , 196, 673-84	4.7	176
199	Lower ventral striatal activation during reward anticipation in adolescent smokers. <i>American Journal of Psychiatry</i> , <b>2011</b> , 168, 540-9	11.9	175
198	Different aspects of theory of mind in paranoid schizophrenia: evidence from a video-based assessment. <i>Psychiatry Research</i> , <b>2011</b> , 186, 203-9	9.9	161
197	Reward feedback alterations in unmedicated schizophrenia patients: relevance for delusions. <i>Biological Psychiatry</i> , <b>2009</b> , 65, 1032-9	7.9	159

196	Association of the G1947A COMT (Val(108/158)Met) gene polymorphism with prefrontal P300 during information processing. <i>Biological Psychiatry</i> , <b>2003</b> , 54, 40-8	7.9	149
195	The neural correlates of subjective pleasantness. <i>NeuroImage</i> , <b>2012</b> , 61, 289-94	7.9	147
194	Reduced event-related current density in the anterior cingulate cortex in schizophrenia. <i>NeuroImage</i> , <b>2001</b> , 13, 589-600	7.9	145
193	The serotonin syndrome scale: first results on validity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>1998</b> , 248, 96-103	5.1	125
192	Peak experiences and the afterglow phenomenon: when and how do therapeutic effects of hallucinogens depend on psychedelic experiences?. <i>Journal of Psychopharmacology</i> , <b>2015</b> , 29, 241-53	4.6	116
191	Gray matter abnormalities in subjects at ultra-high risk for schizophrenia and first-episode schizophrenic patients compared to healthy controls. <i>Psychiatry Research - Neuroimaging</i> , <b>2009</b> , 173, 163-9	2.9	116
190	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , <b>2015</b> , 72, 1002-11	14.5	115
189	Frontal and temporal dysfunction of auditory stimulus processing in schizophrenia. <i>NeuroImage</i> , <b>2002</b> , 17, 110-27	7.9	114
188	Theory of mind impairments in euthymic bipolar patients. <i>Journal of Affective Disorders</i> , <b>2010</b> , 123, 264-96.6		113
187	Quantitative meta-analysis on state and trait aspects of auditory verbal hallucinations in schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2012</b> , 38, 779-86	1.3	109
186	Intensity dependence of auditory evoked dipole source activity. <i>International Journal of Psychophysiology</i> , <b>1994</b> , 17, 1-13	2.9	109
185	Test-retest reliability of P50, N100 and P200 auditory sensory gating in healthy subjects. <i>International Journal of Psychophysiology</i> , <b>2008</b> , 67, 81-90	2.9	108
184	Dysfunctional prefrontal gamma-band oscillations reflect working memory and other cognitive deficits in schizophrenia. <i>Biological Psychiatry</i> , <b>2015</b> , 77, 1010-9	7.9	106
183	Reduced thickness of medial orbitofrontal cortex in smokers. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 1061-5	7.9	105
182	Determinants of early alcohol use in healthy adolescents: the differential contribution of neuroimaging and psychological factors. <i>Neuropsychopharmacology</i> , <b>2012</b> , 37, 986-95	8.7	103
181	Range of sensory gating values and test-retest reliability in normal subjects. <i>Psychophysiology</i> , <b>2007</b> , 44, 620-6	4.1	98
180	Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , <b>2015</b> , 118, 154-62	7.9	97
179	Cortical hypoactivation during resting EEG in schizophrenics but not in depressives and schizotypal subjects as revealed by low resolution electromagnetic tomography (LORETA). <i>Psychiatry Research - Neuroimaging</i> , <b>2002</b> , 116, 95-111	2.9	95

178	Examining the gateway to the limbic system with diffusion tensor imaging: the perforant pathway in dementia. <i>NeuroImage</i> , <b>2006</b> , 30, 713-20	7.9	94
177	Acute exercise ameliorates reduced brain-derived neurotrophic factor in patients with panic disorder. <i>Psychoneuroendocrinology</i> , <b>2010</b> , 35, 364-8	5	93
176	Why ruminators won't stop: the structural and resting state correlates of rumination and its relation to depression. <i>Journal of Affective Disorders</i> , <b>2012</b> , 141, 352-60	6.6	88
175	Cortical thickness correlates with impulsiveness in healthy adults. <i>NeuroImage</i> , <b>2012</b> , 59, 824-30	7.9	82
174	Automatic approach bias towards smoking cues is present in smokers but not in ex-smokers. <i>Psychopharmacology</i> , <b>2013</b> , 229, 187-97	4.7	80
173	Does playing violent video games cause aggression? A longitudinal intervention study. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1220-1234	15.1	79
172	Reduction of auditory event-related P300 amplitude in subjects with at-risk mental state for schizophrenia. <i>Schizophrenia Research</i> , <b>2008</b> , 105, 272-8	3.6	78
171	Association of the met66 allele of brain-derived neurotrophic factor (BDNF) with smoking. <i>Psychopharmacology</i> , <b>2007</b> , 190, 433-9	4.7	77
170	Serotonergic dysfunction in schizophrenia assessed by the loudness dependence measure of primary auditory cortex evoked activity. <i>Schizophrenia Research</i> , <b>2003</b> , 64, 115-24	3.6	76
169	A quantitative meta-analysis on cue-induced male sexual arousal. <i>Journal of Sexual Medicine</i> , <b>2011</b> , 8, 2269-75	1.1	74
168	RASGRF2 regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 21128-33	11.5	72
167	Impaired sleep quality and sleep duration in smokers-results from the German Multicenter Study on Nicotine Dependence. <i>Addiction Biology</i> , <b>2014</b> , 19, 486-96	4.6	69
166	Allelic variants of the functional promoter polymorphism of the human serotonin transporter gene is associated with auditory cortical stimulus processing. <i>Neuropsychopharmacology</i> , <b>2003</b> , 28, 530-2	8.7	68
165	Effects of acute oral Delta9-tetrahydrocannabinol and standardized cannabis extract on the auditory P300 event-related potential in healthy volunteers. <i>European Neuropsychopharmacology</i> , <b>2008</b> , 18, 569-77	1.2	65
164	Association of attentional network function with exon 5 variations of the CHRNA4 gene. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 2165-74	5.6	65
163	Evidence for disturbed cortical signal processing and altered serotonergic neurotransmission in generalized anxiety disorder. <i>Biological Psychiatry</i> , <b>2003</b> , 53, 304-14	7.9	65
162	Oxytocin and oxytocin receptor gene polymorphisms and risk for schizophrenia: a case-control study. <i>World Journal of Biological Psychiatry</i> , <b>2013</b> , 14, 500-8	3.8	62
161	Catechol-O-methyltransferase val158met genotype influences neural processing of reward anticipation. <i>NeuroImage</i> , <b>2008</b> , 42, 1631-8	7.9	60

160	Association between oxytocin receptor gene polymorphisms and self-rated 'empathic concern' in schizophrenia. <i>PLoS ONE</i> , <b>2012</b> , 7, e51882	3.7	59
159	Brain grey matter deficits in smokers: focus on the cerebellum. <i>Brain Structure and Function</i> , <b>2012</b> , 217, 517-22	4	59
158	Segregating cognitive functions within hippocampal formation: a quantitative meta-analysis on spatial navigation and episodic memory. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 1129-42	5.9	58
157	Abnormal hippocampal neurochemistry in smokers: evidence from proton magnetic resonance spectroscopy at 3 T. <i>Journal of Clinical Psychopharmacology</i> , <b>2007</b> , 27, 80-4	1.7	57
156	Effects of age and sex on the concentrations of glutamate and glutamine in the human brain. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 38, 1480-7	5.6	55
155	P300 subcomponents reflect different aspects of psychopathology in schizophrenia. <i>Biological Psychiatry</i> , <b>1999</b> , 45, 116-26	7.9	55
154	Multiple "buy buttons" in the brain: Forecasting chocolate sales at point-of-sale based on functional brain activation using fMRI. <i>NeuroImage</i> , <b>2016</b> , 136, 122-8	7.9	55
153	Acute effects of Delta9-tetrahydrocannabinol and standardized cannabis extract on the auditory evoked mismatch negativity. <i>Schizophrenia Research</i> , <b>2007</b> , 97, 109-17	3.6	54
152	Persistent dysfunctional frontal lobe activation in former smokers. <i>Psychopharmacology</i> , <b>2006</b> , 186, 191-200	4.7	54
151	Sensory cortical processing and the biological basis of personality. <i>Biological Psychiatry</i> , <b>1995</b> , 37, 467-72	7.9	54
150	Risk gene variants for nicotine dependence in the CHRNA5-CHRNA3-CHRNA4 cluster are associated with cognitive performance. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2010</b> , 153B, 1448-58	3.5	52
149	Brains online: structural and functional correlates of habitual Internet use. <i>Addiction Biology</i> , <b>2015</b> , 20, 415-22	4.6	51
148	Positive association of video game playing with left frontal cortical thickness in adolescents. <i>PLoS ONE</i> , <b>2014</b> , 9, e91506	3.7	51
147	Increased neural activity during high working memory load predicts low relapse risk in alcohol dependence. <i>Addiction Biology</i> , <b>2014</b> , 19, 402-14	4.6	51
146	Subtle deficits of cognitive theory of mind in unaffected first-degree relatives of schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2012</b> , 262, 217-26	5.1	51
145	Polymorphisms in the N-methyl-D-aspartate receptor 1 and 2B subunits are associated with alcoholism-related traits. <i>Biological Psychiatry</i> , <b>2003</b> , 54, 922-8	7.9	50
144	Association of BDNF serum concentrations with central serotonergic activity: evidence from auditory signal processing. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 1148-53	8.7	50
143	Association of Protein Phosphatase PPM1G With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , <b>2015</b> , 172, 543-52	11.9	49

142	New evidence for involvement of the entorhinal region in schizophrenia: a combined MRI volumetric and DTI study. <i>NeuroImage</i> , <b>2005</b> , 24, 1122-9	7.9	48
141	Oxytocin receptor genotype modulates ventral striatal activity to social cues and response to stressful life events. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 367-76	7.9	46
140	Switching schizophrenia patients from typical neuroleptics to olanzapine: effects on BOLD response during attention and working memory. <i>European Neuropsychopharmacology</i> , <b>2008</b> , 18, 589-99	1.2	46
139	A pilot RCT of psychodynamic group art therapy for patients in acute psychotic episodes: feasibility, impact on symptoms and mentalising capacity. <i>PLoS ONE</i> , <b>2014</b> , 9, e112348	3.7	45
138	The relationship between reaction time, error rate and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , <b>2003</b> , 47, 175-83	2.9	45
137	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E4085-93	11.5	44
136	Neural activation during processing of aversive faces predicts treatment outcome in alcoholism. <i>Addiction Biology</i> , <b>2014</b> , 19, 439-51	4.6	43
135	Serotonergic dysfunction in the prodromal, first-episode and chronic course of schizophrenia as assessed by the loudness dependence of auditory evoked activity. <i>Schizophrenia Research</i> , <b>2009</b> , 109, 141-7	3.6	43
134	Alterations of cerebral glutamate in the euthymic state of patients with bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 233, 73-80	2.9	42
133	Pharmacogenetic insights to monoaminergic dysfunction in alcohol dependence. <i>Psychopharmacology</i> , <b>2004</b> , 174, 561-70	4.7	42
132	P300 and symptom improvement in schizophrenia. <i>Psychopharmacology</i> , <b>2001</b> , 158, 55-65	4.7	42
131	Neurocognitive impairments in non-deprived smokers--results from a population-based multi-center study on smoking-related behavior. <i>Addiction Biology</i> , <b>2013</b> , 18, 752-61	4.6	41
130	Sex differences in COMT polymorphism effects on prefrontal inhibitory control in adolescence. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 2560-9	8.7	41
129	Reduced thickness of anterior cingulate cortex in obsessive-compulsive disorder. <i>Cortex</i> , <b>2013</b> , 49, 2178-88	3.8	40
128	Subjective experience of emotions and emotional empathy in paranoid schizophrenia. <i>Psychiatry Research</i> , <b>2014</b> , 220, 825-33	9.9	40
127	Subjective competence breeds overconfidence in errors in psychosis. A hubris account of paranoia. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2015</b> , 48, 118-24	2.6	38
126	Aversive learning in adolescents: modulation by amygdala-prefrontal and amygdala-hippocampal connectivity and neuroticism. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 875-84	8.7	38
125	Association of the dopamine D2 receptor gene with alcohol dependence: haplotypes and subgroups of alcoholics as key factors for understanding receptor function. <i>Pharmacogenetics and Genomics</i> , <b>2009</b> , 19, 513-27	1.9	38

124	Is the loudness dependence of auditory evoked potentials modulated by the selective serotonin reuptake inhibitor citalopram in healthy subjects?. <i>Human Psychopharmacology</i> , <b>2006</b> , 21, 463-71	2.3	38
123	Prefrontal cortex glutamate correlates with mental perspective-taking. <i>PLoS ONE</i> , <b>2008</b> , 3, e3890	3.7	38
122	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. <i>Biological Psychology</i> , <b>2016</b> , 118, 79-87	3.2	38
121	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , <b>2016</b> , 134, 597-606	7.9	38
120	Loudness dependence of the auditory evoked N1/P2 component as an indicator of serotonergic dysfunction in patients with schizophrenia--a replication study. <i>Psychiatry Research</i> , <b>2008</b> , 158, 79-82	9.9	36
119	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3T. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 2541-51	4	35
118	Neural basis of reward anticipation and its genetic determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3879-84	11.5	34
117	Met carriers of BDNF Val66Met genotype show increased N-acetylaspartate concentration in the anterior cingulate cortex. <i>NeuroImage</i> , <b>2010</b> , 49, 767-71	7.9	34
116	Psychomotor performance in relation to acute oral administration of Delta9-tetrahydrocannabinol and standardized cannabis extract in healthy human subjects. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2009</b> , 259, 284-92	5.1	34
115	Does taste matter? How anticipation of cola brands influences gustatory processing in the brain. <i>PLoS ONE</i> , <b>2013</b> , 8, e61569	3.7	33
114	Brain Changes in Response to Long Antarctic Expeditions. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2273-2275	59.2	33
113	Fighting Depression: Action Video Game Play May Reduce Rumination and Increase Subjective and Objective Cognition in Depressed Patients. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 129	3.4	32
112	Interaction of hippocampal volume and N-acetylaspartate concentration deficits in schizophrenia: a combined MRI and 1H-MRS study. <i>NeuroImage</i> , <b>2010</b> , 53, 51-7	7.9	32
111	Genetic variations of the NR3A subunit of the NMDA receptor modulate prefrontal cerebral activity in humans. <i>Journal of Cognitive Neuroscience</i> , <b>2007</b> , 19, 59-68	3.1	32
110	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , <b>2015</b> , 20, 534-45	4.6	31
109	Four reasons why early detection centers for psychosis should be renamed and their treatment targets reconsidered: we should not catastrophize a future we can neither reliably predict nor change. <i>Psychological Medicine</i> , <b>2019</b> , 49, 2134-2140	6.9	31
108	Taking control! Structural and behavioural plasticity in response to game-based inhibition training in older adults. <i>NeuroImage</i> , <b>2017</b> , 156, 199-206	7.9	30
107	Common structural correlates of trait impulsiveness and perceptual reasoning in adolescence. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 374-83	5.9	30

106	Video game training and the reward system. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 40	3.3	30
105	A phenotypic structure and neural correlates of compulsive behaviors in adolescents. <i>PLoS ONE</i> , <b>2013</b> , 8, e80151	3.7	30
104	Association between a cannabinoid receptor gene (CNR1) polymorphism and cannabinoid-induced alterations of the auditory event-related P300 potential. <i>Neuroscience Letters</i> , <b>2011</b> , 496, 60-4	3.3	30
103	No pain, no gain? Adverse effects of psychotherapy in obsessive-compulsive disorder and its relationship to treatment gains. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , <b>2015</b> , 5, 61-66	1.7	29
102	Differential effects of chronic cannabis use on preattentive cognitive functioning in abstinent schizophrenic patients and healthy subjects. <i>Schizophrenia Research</i> , <b>2011</b> , 130, 222-7	3.6	29
101	No association of a functional polymorphism in the serotonin transporter gene promoter and anxiety-related personality traits. <i>Neuropsychobiology</i> , <b>2004</b> , 49, 182-4	4	29
100	The neural basis of unwanted thoughts during resting state. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 1320-4	4	28
99	Personality and substance use: psychometric evaluation and validation of the Substance Use Risk Profile Scale (SURPS) in English, Irish, French, and German adolescents. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2015</b> , 39, 2234-48	3.7	28
98	Association of human hippocampal neurochemistry, serotonin transporter genetic variation, and anxiety. <i>NeuroImage</i> , <b>2005</b> , 26, 123-31	7.9	28
97	Association of CYP2D6 genotypes and personality traits in healthy individuals. <i>Journal of Clinical Psychopharmacology</i> , <b>2006</b> , 26, 440-2	1.7	27
96	Electrophysiological and neuropsychological analysis of a delirious state: the role of the anterior cingulate gyrus. <i>Psychiatry Research - Neuroimaging</i> , <b>2005</b> , 138, 171-81	2.9	27
95	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 103-14	4	26
94	<sup>1</sup> H-MR spectroscopy in ultra-high risk and first episode stages of schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2011</b> , 45, 1135-9	5.2	26
93	Cross-sectional Study of Glutamate in the Anterior Cingulate and Hippocampus in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 425-33	1.3	25
92	Auditory mismatch negativity and repetition suppression deficits in schizophrenia explained by irregular computation of prediction error. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126775	3.7	25
91	Glutamatergic deficit and schizophrenia-like negative symptoms: new evidence from ketamine-induced mismatch negativity alterations in healthy male humans. <i>Journal of Psychiatry and Neuroscience</i> , <b>2017</b> , 42, 273-283	4.5	25
90	A negative relationship between ventral striatal loss anticipation response and impulsivity in borderline personality disorder. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 724-736	5.3	24
89	Polygenic Risk of Psychosis and Ventral Striatal Activation During Reward Processing in Healthy Adolescents. <i>JAMA Psychiatry</i> , <b>2016</b> , 73, 852-61	14.5	24



88	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , <b>2017</b> , 174, 785-794	11.9	23
87	Brain substrates of reward processing and the Ebpioid receptor: a pathway into pain?. <i>Pain</i> , <b>2017</b> , 158, 212-219	8	23
86	Functional changes in the reward circuit in response to gaming-related cues after training with a commercial video game. <i>NeuroImage</i> , <b>2017</b> , 152, 467-475	7.9	23
85	Searching for non-genetic molecular and imaging PTSD risk and resilience markers: Systematic review of literature and design of the German Armed Forces PTSD biomarker study. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 51, 444-58	5	22
84	COMT Val108/158Met genotype modulates human sensory gating. <i>NeuroImage</i> , <b>2011</b> , 55, 818-24	7.9	22
83	P50 sensory gating and smoking in the general population. <i>Addiction Biology</i> , <b>2011</b> , 16, 485-98	4.6	22
82	Critical evaluation of auditory event-related potential deficits in schizophrenia: evidence from large-scale single-subject pattern classification. <i>Schizophrenia Bulletin</i> , <b>2014</b> , 40, 1062-71	1.3	21
81	Pretreatment anterior cingulate activity predicts antidepressant treatment response in major depressive episodes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2014</b> , 264, 213-23	5.1	21
80	The German multi-centre study on smoking-related behavior-description of a population-based case-control study. <i>Addiction Biology</i> , <b>2011</b> , 16, 638-53	4.6	21
79	Association between variation in the vesicular monoamine transporter 1 gene on chromosome 8p and anxiety-related personality traits. <i>Neuroscience Letters</i> , <b>2008</b> , 434, 41-5	3.3	21
78	Markers from event-related potential subcomponents and reaction time for information processing dysfunction in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>1998</b> , 248, 307-13	5.1	20
77	Association analysis of GABAAbeta2 and gamma2 gene polymorphisms with event-related prefrontal activity in man. <i>Human Genetics</i> , <b>2000</b> , 107, 513-8	6.3	20
76	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. <i>Addiction Biology</i> , <b>2016</b> , 21, 700-8	4.6	19
75	The risk variant in ODZ4 for bipolar disorder impacts on amygdala activation during reward processing. <i>Bipolar Disorders</i> , <b>2013</b> , 15, 440-5	3.8	19
74	Reduced auditory evoked gamma-band response and schizophrenia-like clinical symptoms under subanesthetic ketamine. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 1239-1246	8.7	18
73	Alpha-Band Oscillations Reflect Altered Multisensory Processing of the McGurk Illusion in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 41	3.3	18
72	Interactions between glutamate, dopamine, and the neuronal signature of response inhibition in the human striatum. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 4031-40	5.9	17
71	Neurophysiological effects of cannabinoids: implications for psychosis research. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 4938-49	3.3	17

70	Dipole localization of P300 and normal aging. <i>Brain Topography</i> , <b>2000</b> , 13, 3-9	4.3	17
69	Association of Cortical Glutamate and Working Memory Activation in Patients With Schizophrenia: A Multimodal Proton Magnetic Resonance Spectroscopy and Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 225-233	7.9	17
68	The IMAGEN study: a decade of imaging genetics in adolescents. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2648-2671	4.1	16
67	Alterations in interhemispheric gamma-band connectivity are related to the emergence of auditory verbal hallucinations in healthy subjects during NMDA-receptor blockade. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 1608-1615	8.7	16
66	Comparison of midlatency auditory sensory gating at short and long interstimulus intervals. <i>Neuropsychobiology</i> , <b>2008</b> , 58, 11-8	4	16
65	Dopamine effects on evidence gathering and integration. <i>Journal of Psychiatry and Neuroscience</i> , <b>2015</b> , 40, 422-8	4.5	16
64	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 52	4.5	16
63	Role of Serum Brain Derived Neurotrophic Factor and Central N-Acetylaspartate for Clinical Response under Antidepressive Pharmacotherapy. <i>NeuroSignals</i> , <b>2016</b> , 24, 1-14	1.9	15
62	Beta/Gamma Oscillations and Event-Related Potentials Indicate Aberrant Multisensory Processing in Schizophrenia. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 1896	3.4	15
61	Reduced frontal theta oscillations indicate altered crossmodal prediction error processing in schizophrenia. <i>Journal of Neurophysiology</i> , <b>2016</b> , 116, 1396-407	3.2	15
60	Neurocognitive deficits in schizophrenia are likely to be less severe and less related to the disorder than previously thought. <i>World Psychiatry</i> , <b>2020</b> , 19, 254-255	14.4	13
59	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 2346-2356	3.5	13
58	Predictive value of isolated epileptiform discharges for a favorable therapeutic response to antiepileptic drugs in nonepileptic psychiatric patients. <i>Journal of Clinical Neurophysiology</i> , <b>2014</b> , 31, 21-30	2.2	13
57	MTR abnormalities in subjects at ultra-high risk for schizophrenia and first-episode schizophrenic patients compared to healthy controls. <i>Schizophrenia Research</i> , <b>2012</b> , 137, 85-90	3.6	13
56	Ventral Striatum Connectivity During Reward Anticipation in Adolescent Smokers. <i>Developmental Neuropsychology</i> , <b>2016</b> , 41, 6-21	1.8	13
55	Frontal glutamate and reward processing in adolescence and adulthood. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 3087-99	4	12
54	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. <i>Journal of Psychiatry and Neuroscience</i> , <b>2016</b> , 41, 192-202	4.5	12
53	Impact of a Common Genetic Variation Associated With Putamen Volume on Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2017</b> , 56, 436-444.e4	7.2	11

52	Trauma, treatment and Tetris: video gaming increases hippocampal volume in male patients with combat-related posttraumatic stress disorder. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 279-287	4.5	11
51	Randomized parcellation based inference. <i>NeuroImage</i> , <b>2014</b> , 89, 203-15	7.9	11
50	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , <b>2019</b> , 8,	8.9	11
49	Differences in navigation performance and postpartal striatal volume associated with pregnancy in humans. <i>Neurobiology of Learning and Memory</i> , <b>2016</b> , 134 Pt B, 400-7	3.1	10
48	Imitation and speech: commonalities within Broca's area. <i>Brain Structure and Function</i> , <b>2013</b> , 218, 1419-27		10
47	Loudness dependence of auditory evoked potentials in obsessive-compulsive disorder: a pilot study. <i>Psychiatry Research</i> , <b>2000</b> , 93, 209-16	9.9	10
46	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. <i>NeuroSignals</i> , <b>2019</b> , 27, 12-24	1.9	10
45	Neural Correlates of Adolescent Irritability and Its Comorbidity With Psychiatric Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2020</b> , 59, 1371-1379	7.2	10
44	Prefrontal cortex glutamate and extraversion. <i>Social Cognitive and Affective Neuroscience</i> , <b>2012</b> , 7, 811-84		9
43	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , <b>2018</b> , 28, 1103-1114	1.2	8
42	Methylation of OPRL1 mediates the effect of psychosocial stress on binge drinking in adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2018</b> , 59, 650-658	7.9	8
41	Reduced Resting-State Connectivity in the Precuneus is correlated with Apathy in Patients with Schizophrenia. <i>Scientific Reports</i> , <b>2020</b> , 10, 2616	4.9	7
40	Hippocampal gray matter increases following multimodal psychological treatment for combat-related post-traumatic stress disorder. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00956	3.4	7
39	Endogenous oxytocin response to film scenes of attachment and loss is pronounced in schizophrenia. <i>Social Cognitive and Affective Neuroscience</i> , <b>2019</b> , 14, 109-117	4	7
38	Moderators of Symptomatic Outcome in Metacognitive Training for Psychosis (MCT). Who Benefits and Who Does Not?. <i>Cognitive Therapy and Research</i> , <b>2018</b> , 42, 80-91	2.7	7
37	Imaginal retraining reduces alcohol craving in problem drinkers: A randomized controlled trial. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2019</b> , 64, 158-166	2.6	6
36	Overdominant Effect of a Polymorphism on Cingulo-Opercular Network Activity and Cognitive Control. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 9657-9666	6.6	6
35	Loudness dependence of auditory evoked potentials is not associated with polymorphisms or haplotypes in the serotonin transporter gene in a community-based sample of German healthy volunteers. <i>Psychiatry Research</i> , <b>2007</b> , 153, 183-7	9.9	6

34	Peripheral oxytocin is inversely correlated with cognitive, but not emotional empathy in schizophrenia. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231257	3.7	6
33	Attentional dysfunction in abstinent long-term cannabis users with and without schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2016</b> , 266, 409-21	5.1	5
32	Towards a neurochemical profile of the amygdala using short-TE H magnetic resonance spectroscopy at 3T. <i>NMR in Biomedicine</i> , <b>2017</b> , 30, e3685	4.4	5
31	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 672-679	3.4	5
30	Neural correlates of response bias: Larger hippocampal volume correlates with symptom aggravation in combat-related posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2018</b> , 279, 1-7	2.9	5
29	Single Nucleotide Polymorphism Associated with Altered Brain Responses (but not Performance) during Measures of Impulsivity and Reward Sensitivity in Human Adolescents. <i>Frontiers in Behavioral Neuroscience</i> , <b>2017</b> , 11, 24	3.5	5
28	Much of the Neurocognitive Impairment in Schizophrenia is Due to Factors Other Than Schizophrenia Itself: Implications for Research and Treatment. <i>Schizophrenia Bulletin Open</i> , <b>2021</b> , 2,	2.2	5
27	Study protocol for a randomised controlled trial evaluating an evidence-based, stepped and coordinated care service model for mental disorders (RECOVER). <i>BMJ Open</i> , <b>2020</b> , 10, e036021	3	4
26	Testing the Biophilia theory: Automatic approach tendencies towards nature. <i>Journal of Environmental Psychology</i> , <b>2022</b> , 79, 101725	6.7	4
25	The role of the cannabinoid receptor in adolescents' processing of facial expressions. <i>European Journal of Neuroscience</i> , <b>2016</b> , 43, 98-105	3.5	4
24	Cannabis-Associated Psychotic-like Experiences Are Mediated by Developmental Changes in the Parahippocampal Gyrus. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2020</b> , 59, 642-649	7.2	4
23	Replication of the association between CHRNA4 rs1044396 and harm avoidance in a large population-based sample. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 150-155	1.2	3
22	Association between dopamine D4 receptor genotype and trait impulsiveness. <i>Psychiatric Genetics</i> , <b>2014</b> , 24, 82	2.9	3
21	Reply: Indicators of Central Serotonergic Activity: How Specific Is Neurotransmission?. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 1586-1587	8.7	3
20	Brain structure and habitat: Do the brains of our children tell us where they have been brought up?. <i>NeuroImage</i> , <b>2020</b> , 222, 117225	7.9	3
19	Depression screening using patient-targeted feedback in general practices: study protocol of the German multicentre GET.FEEDBACK.GP randomised controlled trial. <i>BMJ Open</i> , <b>2020</b> , 10, e035973	3	3
18	The brain at war: effects of stress on brain structure in soldiers deployed to a war zone. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 247	8.6	3
17	Imaginal retraining decreases craving for high-calorie food in overweight and obese women: A randomized controlled trial. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 319	8.6	3

16	Acute and Long-term Memantine Add-on Treatment to Risperidone Improves Cognitive Dysfunction in Patients with Acute and Chronic Schizophrenia. <i>Pharmacopsychiatry</i> , <b>2020</b> , 53, 21-29	2	3
15	Promoting stigma coping and empowerment in patients with schizophrenia and depression: results of a cluster-RCT. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2020</b> , 270, 501-511	5.1	3
14	Irregular sleep habits, regional grey matter volumes, and psychological functioning in adolescents. <i>PLoS ONE</i> , <b>2021</b> , 16, e0243720	3.7	3
13	Assessment of Adult ADHD in Clinical Practice: Four Letters-40 Opinions. <i>Journal of Attention Disorders</i> , <b>2019</b> , 1087054719879498	3.7	2
12	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. <i>Scientific Reports</i> , <b>2020</b> , 10, 1207	4.9	2
11	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. <i>Addictive Behaviors</i> , <b>2020</b> , 100, 106130	4.2	2
10	Metacognitive Training for Depression: Feasibility, safety and acceptability of two new treatment modules to reduce suicidality. <i>Clinical Psychology and Psychotherapy</i> , <b>2021</b> , 28, 669-681	2.9	1
9	Glutamate Concentration in the Superior Temporal Sulcus Relates to Neuroticism in Schizophrenia. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 578	3.4	1
8	Early detection. A defense of our statement that we should not catastrophize a future we cannot reliably predict nor change. A plea for a faster transition of traditional 'early intervention' programs for psychosis into new treatment models. <i>Psychological Medicine</i> , <b>2021</b> , 51, 219-222	6.9	1
7	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1581	4.9	0
6	Urban green is more than the absence of city: Structural and functional neural basis of urbanicity and green space in the neighbourhood of older adults. <i>Landscape and Urban Planning</i> , <b>2021</b> , 214, 104196	7.7	0
5	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort.. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14, 782738	5.3	0
4	Effects of a multi-strain probiotic on hippocampal structure and function, cognition, and emotional well-being in healthy individuals: a double-blind randomised-controlled trial.. <i>Psychological Medicine</i> , <b>2022</b> , 1-11	6.9	0
3	Elektroenzephalographie <b>1998</b> , 7-94		
2	Do implicit measures improve suicide risk prediction? An 18-month prospective study using different tasks. <i>Suicide and Life-Threatening Behavior</i> , <b>2021</b> , 51, 993-1004	3.9	
1	Is Ejaculation Frequency in Men Related to General and Mental Health? Looking Back and Looking Forward. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 693121	3.4	