

JÃ¼rgen Gallinat

List of Publications by Year in descending order

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Version: 2024-02-01

217
papers

13,875
citations

18482

62
h-index

27406

106
g-index

221
all docs

221
docs citations

221
times ranked

16631
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	12.6	532
2	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 485-515.	46.4	410
3	Common biology of craving across legal and illegal drugs - a quantitative meta-analysis of cue-reactivity brain response. <i>European Journal of Neuroscience</i> , 2011, 33, 1318-1326.	2.6	404
4	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , 2012, 15, 920-925.	14.8	368
5	Smoking and structural brain deficits: a volumetric MR investigation. <i>European Journal of Neuroscience</i> , 2006, 24, 1744-1750.	2.6	305
6	Dysfunction of ventral striatal reward prediction in schizophrenic patients treated with typical, not atypical, neuroleptics. <i>Psychopharmacology</i> , 2006, 187, 222-228.	3.1	297
7	Resting-State Brain Activity in Schizophrenia and Major Depression: A Quantitative Meta-Analysis. <i>Schizophrenia Bulletin</i> , 2013, 39, 358-365.	4.3	256
8	Association of a functional BDNF polymorphism and anxiety-related personality traits. <i>Psychopharmacology</i> , 2005, 180, 95-99.	3.1	255
9	Glutamate concentrations in human brain using single voxel proton magnetic resonance spectroscopy at 3 Tesla. <i>NeuroImage</i> , 2004, 21, 1762-1771.	4.2	249
10	Molecular Mechanisms of Schizophrenia. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 687-702.	1.6	243
11	Gray Matter Correlates of Posttraumatic Stress Disorder: A Quantitative Meta-Analysis. <i>Biological Psychiatry</i> , 2013, 73, 70-74.	1.3	229
12	Reduced oscillatory gamma-band responses in unmedicated schizophrenic patients indicate impaired frontal network processing. <i>Clinical Neurophysiology</i> , 2004, 115, 1863-1874.	1.5	214
13	Lower Ventral Striatal Activation During Reward Anticipation in Adolescent Smokers. <i>American Journal of Psychiatry</i> , 2011, 168, 540-549.	7.2	198
14	BDNF Serum Concentrations in Healthy Volunteers are Associated with Depression-Related Personality Traits. <i>Neuropsychopharmacology</i> , 2004, 29, 795-798.	5.4	197
15	Different aspects of theory of mind in paranoid schizophrenia: Evidence from a video-based assessment. <i>Psychiatry Research</i> , 2011, 186, 203-209.	3.3	197
16	Reward system activation in schizophrenic patients switched from typical neuroleptics to olanzapine. <i>Psychopharmacology</i> , 2008, 196, 673-684.	3.1	194
17	The neural correlates of subjective pleasantness. <i>NeuroImage</i> , 2012, 61, 289-294.	4.2	194
18	Reward Feedback Alterations in Unmedicated Schizophrenia Patients: Relevance for Delusions. <i>Biological Psychiatry</i> , 2009, 65, 1032-1039.	1.3	179

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19	Peak experiences and the afterglow phenomenon: When and how do therapeutic effects of hallucinogens depend on psychedelic experiences?. <i>Journal of Psychopharmacology</i> , 2015, 29, 241-253.	4.0	171
20	Association of the G1947A COMT (Val108/158Met) gene polymorphism with prefrontal P300 during information processing. <i>Biological Psychiatry</i> , 2003, 54, 40-48.	1.3	160
21	Theory of mind impairments in euthymic bipolar patients. <i>Journal of Affective Disorders</i> , 2010, 123, 264-269.	4.1	160
22	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , 2015, 72, 1002.	11.0	156
23	The serotonin syndrome scale: first results on validity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1998, 248, 96-103.	3.2	154
24	Reduced Event-Related Current Density in the Anterior Cingulate Cortex in Schizophrenia. <i>NeuroImage</i> , 2001, 13, 589-600.	4.2	151
25	Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , 2015, 118, 154-162.	4.2	151
26	Quantitative Meta-Analysis on State and Trait Aspects of Auditory Verbal Hallucinations in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2012, 38, 779-786.	4.3	143
27	Does playing violent video games cause aggression? A longitudinal intervention study. <i>Molecular Psychiatry</i> , 2019, 24, 1220-1234.	7.9	135
28	Dysfunctional Prefrontal Gamma-Band Oscillations Reflect Working Memory and Other Cognitive Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 1010-1019.	1.3	134
29	Frontal and Temporal Dysfunction of Auditory Stimulus Processing in Schizophrenia. <i>NeuroImage</i> , 2002, 17, 110-127.	4.2	129
30	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> , 2009, 173, 163-169.	1.8	127
31	Intensity dependence of auditory evoked dipole source activity. <i>International Journal of Psychophysiology</i> , 1994, 17, 1-13.	1.0	124
32	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. <i>Neuropsychopharmacology</i> , 2012, 37, 986-995.	5.4	124
33	Testâ€“retest reliability of P50, N100 and P200 auditory sensory gating in healthy subjects. <i>International Journal of Psychophysiology</i> , 2008, 67, 81-90.	1.0	122
34	Reduced Thickness of Medial Orbitofrontal Cortex in Smokers. <i>Biological Psychiatry</i> , 2010, 68, 1061-1065.	1.3	120
35	Why ruminators won't stop: The structural and resting state correlates of rumination and its relation to depression. <i>Journal of Affective Disorders</i> , 2012, 141, 352-360.	4.1	119
36	Impaired sleep quality and sleep duration in smokersâ€“results from the <sc>G</sc>erman <sc>M</sc>ulticenter <sc>S</sc>tudy on <sc>N</sc>icotine <sc>D</sc>ependence. <i>Addiction Biology</i> , 2014, 19, 486-496.	2.6	116

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37	Acute exercise ameliorates reduced brain-derived neurotrophic factor in patients with panic disorder. <i>Psychoneuroendocrinology</i> , 2010, 35, 364-368.	2.7	113
38	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> , 2002, 116, 95-111.	1.8	111
39	Examining the gateway to the limbic system with diffusion tensor imaging: The perforant pathway in dementia. <i>NeuroImage</i> , 2006, 30, 713-720.	4.2	110
40	Range of sensory gating values and test-retest reliability in normal subjects. <i>Psychophysiology</i> , 2007, 44, 620-626.	2.4	104
41	Automatic approach bias towards smoking cues is present in smokers but not in ex-smokers. <i>Psychopharmacology</i> , 2013, 229, 187-197.	3.1	102
42	Cortical thickness correlates with impulsiveness in healthy adults. <i>NeuroImage</i> , 2012, 59, 824-830.	4.2	94
43	<i>RASGRF2</i> 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> , 2012, 109, 21128-21133.	7.1	90
44	Effects of age and sex on the concentrations of glutamate and glutamine in the human brain. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1480-1487.	3.4	87
45	Reduction of auditory event-related P300 amplitude in subjects with at-risk mental state for schizophrenia. <i>Schizophrenia Research</i> , 2008, 105, 272-278.	2.0	86
46	Association of the met66 allele of brain-derived neurotrophic factor (BDNF) with smoking. <i>Psychopharmacology</i> , 2007, 190, 433-439.	3.1	85
47	Oxytocin and oxytocin receptor gene polymorphisms and risk for schizophrenia: A case-control study. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 500-508.	2.6	84
48	Serotonergic dysfunction in schizophrenia assessed by the loudness dependence measure of primary auditory cortex evoked activity. <i>Schizophrenia Research</i> , 2003, 64, 115-124.	2.0	82
49	A Quantitative Meta-Analysis on Cue-Induced Male Sexual Arousal. <i>Journal of Sexual Medicine</i> , 2011, 8, 2269-2275.	0.6	82
50	Segregating cognitive functions within hippocampal formation: A quantitative meta-analysis on spatial navigation and episodic memory. <i>Human Brain Mapping</i> , 2014, 35, 1129-1142.	3.6	81
51	Effects of acute oral δ^9 -tetrahydrocannabinol and standardized cannabis extract on the auditory P300 event-related potential in healthy volunteers. <i>European Neuropsychopharmacology</i> , 2008, 18, 569-577.	0.7	76
52	Multiple "buy buttons" in the brain: Forecasting chocolate sales at point-of-sale based on functional brain activation using fMRI. <i>NeuroImage</i> , 2016, 136, 122-128.	4.2	76
53	Evidence for disturbed cortical signal processing and altered serotonergic neurotransmission in generalized anxiety disorder. <i>Biological Psychiatry</i> , 2003, 53, 304-314.	1.3	70
54	Allelic Variants of the Functional Promoter Polymorphism of the Human Serotonin Transporter Gene is Associated with Auditory Cortical Stimulus Processing. <i>Neuropsychopharmacology</i> , 2003, 28, 530-532.	5.4	70

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55	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. PLoS ONE, 2014, 9, e91506.	2.5	70
56	Association between Oxytocin Receptor Gene Polymorphisms and Self-Rated "Empathic Concern"™ in Schizophrenia. PLoS ONE, 2012, 7, e51882.	2.5	69
57	Association of attentional network function with exon 5 variations of the CHRNA4 gene. Human Molecular Genetics, 2007, 16, 2165-2174.	2.9	68
58	Abnormal Hippocampal Neurochemistry in Smokers. Journal of Clinical Psychopharmacology, 2007, 27, 80-84.	1.4	68
59	Association of Protein Phosphatase <i>PPM1G</i> With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. American Journal of Psychiatry, 2015, 172, 543-552.	7.2	68
60	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. NeuroImage, 2016, 134, 597-606.	4.2	68
61	Persistent dysfunctional frontal lobe activation in former smokers. Psychopharmacology, 2006, 186, 191-200.	3.1	67
62	Brain grey matter deficits in smokers: focus on the cerebellum. Brain Structure and Function, 2012, 217, 517-522.	2.3	67
63	Increased neural activity during high working memory load predicts low relapse risk in alcohol dependence. Addiction Biology, 2014, 19, 402-414.	2.6	67
64	A Pilot RCT of Psychodynamic Group Art Therapy for Patients in Acute Psychotic Episodes: Feasibility, Impact on Symptoms and Mentalising Capacity. PLoS ONE, 2014, 9, e112348.	2.5	65
65	Catechol-O-methyltransferase val158met genotype influences neural processing of reward anticipation. NeuroImage, 2008, 42, 1631-1638.	4.2	63
66	Brain Changes in Response to Long Antarctic Expeditions. New England Journal of Medicine, 2019, 381, 2273-2275.	27.0	63
67	Subtle deficits of cognitive theory of mind in unaffected first-degree relatives of schizophrenia patients. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 217-226.	3.2	60
68	Brains online: structural and functional correlates of habitual Internet use. Addiction Biology, 2015, 20, 415-422.	2.6	60
69	Acute effects of δ ⁹ -tetrahydrocannabinol and standardized cannabis extract on the auditory evoked mismatch negativity. Schizophrenia Research, 2007, 97, 109-117.	2.0	59
70	Sensory cortical processing and the biological basis of personality. Biological Psychiatry, 1995, 37, 467-472.	1.3	57
71	P300 subcomponents reflect different aspects of psychopathology in schizophrenia. Biological Psychiatry, 1999, 45, 116-126.	1.3	57
72	Polymorphisms in the N-methyl-D-aspartate receptor 1 and 2B subunits are associated with alcoholism-related traits. Biological Psychiatry, 2003, 54, 922-928.	1.3	57

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73	Risk gene variants for nicotine dependence in the <i>CHRNA5</i>â€“<i>CHRNA3</i>â€“<i>CHRN4</i> cluster are associated with cognitive performance. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 1448-1458.	1.7	57
74	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> , 2015, 112, E4085-93.	7.1	57
75	The relationship between reaction time, error rate and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , 2003, 47, 175-183.	1.0	56
76	Neural activation during processing of aversive faces predicts treatment outcome in alcoholism. <i>Addiction Biology</i> , 2014, 19, 439-451.	2.6	55
77	Alterations of cerebral glutamate in the euthymic state of patients with bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 73-80.	1.8	55
78	Association of BDNF Serum Concentrations with Central Serotonergic Activity: Evidence from Auditory Signal Processing. <i>Neuropsychopharmacology</i> , 2005, 30, 1148-1153.	5.4	54
79	Video game training and the reward system. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 40.	2.0	54
80	Fighting Depression: Action Video Game Play May Reduce Rumination and Increase Subjective and Objective Cognition in Depressed Patients. <i>Frontiers in Psychology</i> , 2018, 9, 129.	2.1	54
81	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
82	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. <i>Biological Psychiatry</i> , 2014, 76, 367-376.	1.3	53
83	Neural basis of reward anticipation and its genetic determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3879-3884.	7.1	53
84	New evidence for involvement of the entorhinal region in schizophrenia: a combined MRI volumetric and DTI study. <i>NeuroImage</i> , 2005, 24, 1122-1129.	4.2	52
85	Neurocognitive impairments in non-deprived smokers-results from a population-based multi-center study on smoking-related behavior. <i>Addiction Biology</i> , 2013, 18, 752-761.	2.6	52
86	Pharmacogenetic insights to monoaminergic dysfunction in alcohol dependence. <i>Psychopharmacology</i> , 2004, 174, 561-70.	3.1	51
87	Switching schizophrenia patients from typical neuroleptics to olanzapine: Effects on BOLD response during attention and working memory. <i>European Neuropsychopharmacology</i> , 2008, 18, 589-599.	0.7	50
88	No pain, no gain? Adverse effects of psychotherapy in obsessiveâ€“compulsive disorder and its relationship to treatment gains. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2015, 5, 61-66.	1.5	50
89	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> , 2009, 109, 141-147.	2.0	49
90	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. <i>Biological Psychology</i> , 2016, 118, 79-87.	2.2	49

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91	P300 and symptom improvement in schizophrenia. <i>Psychopharmacology</i> , 2001, 158, 55-65.	3.1	47
92	Subjective experience of emotions and emotional empathy in paranoid schizophrenia. <i>Psychiatry Research</i> , 2014, 220, 825-833.	3.3	47
93	The IMAGEN study: a decade of imaging genetics in adolescents. <i>Molecular Psychiatry</i> , 2020, 25, 2648-2671.	7.9	46
94	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> , 2009, 19, 513-527.	1.5	45
95	Prefrontal Cortex Glutamate Correlates with Mental Perspective-Taking. <i>PLoS ONE</i> , 2008, 3, e3890.	2.5	45
96	Reduced thickness of anterior cingulate cortex in obsessive-compulsive disorder. <i>Cortex</i> , 2013, 49, 2178-2185.	2.4	44
97	Neurotransmitter changes during interference task in anterior cingulate cortex: evidence from fMRI-guided functional MRS at 3AT. <i>Brain Structure and Function</i> , 2016, 221, 2541-2551.	2.3	43
98	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> , 2019, 49, 2134-2140.	4.5	43
99	Subjective competence breeds overconfidence in errors in psychosis. A hubris account of paranoia. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2015, 48, 118-124.	1.2	42
100	Taking control! Structural and behavioural plasticity in response to game-based inhibition training in older adults. <i>NeuroImage</i> , 2017, 156, 199-206.	4.2	42
101	Is the loudness dependence of auditory evoked potentials modulated by the selective serotonin reuptake inhibitor citalopram in healthy subjects?. <i>Human Psychopharmacology</i> , 2006, 21, 463-471.	1.5	41
102	Psychomotor performance in relation to acute oral administration of δ^9 -tetrahydrocannabinol and standardized cannabis extract in healthy human subjects. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 284-292.	3.2	41
103	Aversive Learning in Adolescents: Modulation by Amygdala-Prefrontal and Amygdala-Hippocampal Connectivity and Neuroticism. <i>Neuropsychopharmacology</i> , 2014, 39, 875-884.	5.4	41
104	Personality and Substance Use: Psychometric Evaluation and Validation of the Substance Use Risk Profile Scale (<sc>SURPS</sc>) in English, Irish, French, and German Adolescents. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2234-2248.	2.4	41
105	Electrophysiological and neuropsychological analysis of a delirious state: the role of the anterior cingulate gyrus. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 171-181.	1.8	40
106	The neural basis of unwanted thoughts during resting state. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1320-1324.	3.0	40
107	Polygenic Risk of Psychosis and Ventral Striatal Activation During Reward Processing in Healthy Adolescents. <i>JAMA Psychiatry</i> , 2016, 73, 852.	11.0	40
108	A Phenotypic Structure and Neural Correlates of Compulsive Behaviors in Adolescents. <i>PLoS ONE</i> , 2013, 8, e80151.	2.5	39

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109	Genetic Variations of the NR3A Subunit of the NMDA Receptor Modulate Prefrontal Cerebral Activity in Humans. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 59-68.	2.3	38
110	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> , 2008, 158, 79-82.	3.3	38
111	Common structural correlates of trait impulsiveness and perceptual reasoning in adolescence. <i>Human Brain Mapping</i> , 2013, 34, 374-383.	3.6	38
112	Does Taste Matter? How Anticipation of Cola Brands Influences Gustatory Processing in the Brain. <i>PLoS ONE</i> , 2013, 8, e61569.	2.5	38
113	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , 2015, 20, 534-545.	2.6	38
114	Functional changes in the reward circuit in response to gaming-related cues after training with a commercial video game. <i>NeuroImage</i> , 2017, 152, 467-475.	4.2	38
115	Met carriers of BDNF Val66Met genotype show increased N-acetylaspartate concentration in the anterior cingulate cortex. <i>NeuroImage</i> , 2010, 49, 767-771.	4.2	37
116	Cross-sectional Study of Glutamate in the Anterior Cingulate and Hippocampus in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 425-433.	4.3	36
117	Auditory Mismatch Negativity and Repetition Suppression Deficits in Schizophrenia Explained by Irregular Computation of Prediction Error. <i>PLoS ONE</i> , 2015, 10, e0126775.	2.5	35
118	Interaction of hippocampal volume and N-acetylaspartate concentration deficits in schizophrenia: A combined MRI and 1H-MRS study. <i>NeuroImage</i> , 2010, 53, 51-57.	4.2	34
119	Association between a cannabinoid receptor gene (CNR1) polymorphism and cannabinoid-induced alterations of the auditory event-related P300 potential. <i>Neuroscience Letters</i> , 2011, 496, 60-64.	2.1	34
120	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	7.2	34
121	Neurocognitive deficits in schizophrenia are likely to be less severe and less related to the disorder than previously thought. <i>World Psychiatry</i> , 2020, 19, 254-255.	10.4	34
122	No Association of a Functional Polymorphism in the Serotonin Transporter Gene Promoter and Anxiety-Related Personality Traits. <i>Neuropsychobiology</i> , 2004, 49, 182-184.	1.9	33
123	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> , 2017, 42, 273-283.	2.4	33
124	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , 2019, 50, 2346-2356.	2.6	32
125	Differential effects of chronic cannabis use on preattentive cognitive functioning in abstinent schizophrenic patients and healthy subjects. <i>Schizophrenia Research</i> , 2011, 130, 222-227.	2.0	31
126	The risk variant in <i>ODZ4</i> for bipolar disorder impacts on amygdala activation during reward processing. <i>Bipolar Disorders</i> , 2013, 15, 440-445.	1.9	31

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127	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , 2016, 221, 103-114.	2.3	31
128	Reduced auditory evoked gamma-band response and schizophrenia-like clinical symptoms under subanesthetic ketamine. <i>Neuropsychopharmacology</i> , 2019, 44, 1239-1246.	5.4	31
129	Association of human hippocampal neurochemistry, serotonin transporter genetic variation, and anxiety. <i>NeuroImage</i> , 2005, 26, 123-131.	4.2	30
130	1H-MR spectroscopy in ultra-high risk and first episode stages of schizophrenia. <i>Journal of Psychiatric Research</i> , 2011, 45, 1135-1139.	3.1	30
131	Association of CYP2D6 Genotypes and Personality Traits in Healthy Individuals. <i>Journal of Clinical Psychopharmacology</i> , 2006, 26, 440-442.	1.4	29
132	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> , 2015, 51, 444-458.	2.7	29
133	A negative relationship between ventral striatal loss anticipation response and impulsivity in borderline personality disorder. <i>NeuroImage: Clinical</i> , 2016, 12, 724-736.	2.7	29
134	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> , 2020, 87, 225-233.	1.3	27
135	Reduced Resting-State Connectivity in the Precuneus is correlated with Apathy in Patients with Schizophrenia. <i>Scientific Reports</i> , 2020, 10, 2616.	3.3	27
136	Critical Evaluation of Auditory Event-Related Potential Deficits in Schizophrenia: Evidence From Large-Scale Single-Subject Pattern Classification. <i>Schizophrenia Bulletin</i> , 2014, 40, 1062-1071.	4.3	26
137	Brain substrates of reward processing and the μ -opioid receptor: a pathway into pain?. <i>Pain</i> , 2017, 158, 212-219.	4.2	26
138	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> , 2020, 45, 279-287.	2.4	26
139	COMT Val108/158Met genotype modulates human sensory gating. <i>NeuroImage</i> , 2011, 55, 818-824.	4.2	25
140	Pretreatment anterior cingulate activity predicts antidepressant treatment response in major depressive episodes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 213-223.	3.2	25
141	Postpartal Neural Plasticity of the Maternal Brain: Early Renormalization of Pregnancy-Related Decreases?. <i>NeuroSignals</i> , 2019, 27, 12-24.	0.9	25
142	Association between variation in the vesicular monoamine transporter 1 gene on chromosome 8p and anxiety-related personality traits. <i>Neuroscience Letters</i> , 2008, 434, 41-45.	2.1	24
143	P50 sensory gating and smoking in the general population. <i>Addiction Biology</i> , 2011, 16, 485-498.	2.6	24
144	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , 2016, 7, 52.	2.3	24

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145	The German multi-centre study on smoking-related behavior" description of a population-based case-control study. <i>Addiction Biology</i> , 2011, 16, 638-653.	2.6	23
146	Alpha-Band Oscillations Reflect Altered Multisensory Processing of the McGurk Illusion in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 41.	2.0	23
147	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> , 2018, 43, 1608-1615.	5.4	23
148	Markers from event-related potential subcomponents and reaction time for information processing dysfunction in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1998, 248, 307-313.	3.2	22
149	Interactions between glutamate, dopamine, and the neuronal signature of response inhibition in the human striatum. <i>Human Brain Mapping</i> , 2015, 36, 4031-4040.	3.6	22
150	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , 2019, 8, .	6.0	22
151	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. <i>Addiction Biology</i> , 2016, 21, 700-708.	2.6	21
152	Association analysis of GABA A γ 2 and γ 32 gene polymorphisms with event-related prefrontal activity in man. <i>Human Genetics</i> , 2000, 107, 513-518.	3.8	20
153	Beta/Gamma Oscillations and Event-Related Potentials Indicate Aberrant Multisensory Processing in Schizophrenia. <i>Frontiers in Psychology</i> , 2016, 7, 1896.	2.1	20
154	Reduced frontal theta oscillations indicate altered crossmodal prediction error processing in schizophrenia. <i>Journal of Neurophysiology</i> , 2016, 116, 1396-1407.	1.8	20
155	Ventral Striatum Connectivity During Reward Anticipation in Adolescent Smokers. <i>Developmental Neuropsychology</i> , 2016, 41, 6-21.	1.4	20
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