

Robert W Mccarley

List of Publications by Year in descending order

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Version: 2024-02-01

482
papers

56,626
citations

1713
107
h-index

1875
215
g-index

489
all docs

489
docs citations

489
times ranked

39295
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline Cortical Thickness Reductions in Clinical High Risk for Psychosis: Brain Regions Associated with Conversion to Psychosis Versus Non-Conversion as Assessed at One-Year Follow-Up in the Shanghai-At-Risk-for-Psychosis (SHARP) Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 562-574.	2.3	25
2	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 611-620.	0.7	103
3	Abnormal Function in Dentate Nuclei Precedes the Onset of Psychosis: A Resting-State fMRI Study in High-Risk Individuals. <i>Schizophrenia Bulletin</i> , 2021, 47, 1421-1430.	2.3	12
4	Functional connectome organization predicts conversion to psychosis in clinical high-risk youth from the SHARP program. <i>Molecular Psychiatry</i> , 2020, 25, 2431-2440.	4.1	49
5	P300 as an index of transition to psychosis and of remission: Data from a clinical high risk for psychosis study and review of literature. <i>Schizophrenia Research</i> , 2020, 226, 74-83.	1.1	26
6	Cingulum bundle abnormalities and risk for schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 385-391.	1.1	19
7	Faulty Executive Attention and Memory Interactions in Schizophrenia: Prefrontal Gray Matter Volume and Neuropsychological Impairment. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 267-274.	0.9	4
8	Deficit Effect Sizes and Correlations of Auditory Event-Related Potentials at First Hospitalization in the Schizophrenia Spectrum. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 198-206.	0.9	13
9	White matter abnormalities across the lifespan of schizophrenia: a harmonized multi-site diffusion MRI study. <i>Molecular Psychiatry</i> , 2020, 25, 3208-3219.	4.1	115
10	Altered P3a Modulations to Emotional Faces in Male Patients With Chronic Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 215-221.	0.9	7
11	Abnormal Frequency Mismatch Negativity in Early Psychosis Outpatient Subjects. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 207-214.	0.9	1
12	Brain functional connectivity data enhance prediction of clinical outcome in youth at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102108.	1.4	25
13	Basal Forebrain Parvalbumin Neurons Mediate Arousals from Sleep Induced by Hypercarbia or Auditory Stimuli. <i>Current Biology</i> , 2020, 30, 2379-2385.e4.	1.8	35
14	Auditory Cortex Volume and Gamma Oscillation Abnormalities in Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 244-251.	0.9	40
15	Miswiring of Frontostriatal Projections in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 990-998.	2.3	12
16	Striato-nigro-striatal tract dispersion abnormalities in patients with chronic schizophrenia. <i>Brain Imaging and Behavior</i> , 2019, 13, 1236-1245.	1.1	4
17	O7.1. ABNORMAL DEVELOPMENT, FAULTY MATURATION OR ACCELERATED AGING? "WHITE MATTER AT THE CENTER STAGE OF SCHIZOPHRENIA" REVISITED. <i>Schizophrenia Bulletin</i> , 2019, 45, S178-S179.	2.3	0
18	Neutral face and complex object neurophysiological processing deficits in long-term schizophrenia and in first hospitalized schizophrenia-spectrum individuals. <i>International Journal of Psychophysiology</i> , 2019, 145, 57-64.	0.5	6

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19	Altered Cellular White Matter But Not Extracellular Free Water on Diffusion MRI in Individuals at Clinical High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 820-828.	4.0	28
20	Progressive reduction of auditory evoked gamma in first episode schizophrenia but not clinical high risk individuals. <i>Schizophrenia Research</i> , 2019, 208, 145-152.	1.1	20
21	A comparison of neurocognition and functioning in first episode psychosis populations: do research samples reflect the real world?. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2019, 54, 291-301.	1.6	12
22	Prediction of psychosis in prodrome: development and validation of a simple, personalized risk calculator. <i>Psychological Medicine</i> , 2019, 49, 1990-1998.	2.7	59
23	Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 386-395.	2.3	7
24	Progressive symptom-associated prefrontal volume loss occurs in first-episode schizophrenia but not in affective psychosis. <i>Brain Structure and Function</i> , 2018, 223, 2879-2892.	1.2	16
25	F14. REDUCED DURATION MISMATCH NEGATIVITY ASSOCIATED WITH DECREASED GLUTAMATE+GLUTAMINE LEVEL IN SUBJECTS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S223-S224.	2.3	0
26	Alteration of gray matter microstructure in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 54-63.	1.1	16
27	Impaired white matter connectivity between regions containing mirror neurons, and relationship to negative symptoms and social cognition, in patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 229-237.	1.1	26
28	Abnormal relationships between local and global brain measures in subjects at clinical high risk for psychosis: a pilot study. <i>Brain Imaging and Behavior</i> , 2018, 12, 974-988.	1.1	7
29	Learning and memory are impaired in the object recognition task during metestrus/diestrus and after sleep deprivation. <i>Behavioural Brain Research</i> , 2018, 339, 124-129.	1.2	44
30	O6.4. AUDITORY AND LANGUAGE AREAS DISTINGUISH CONVERTERS FROM NON-CONVERTERS AT BASELINE IN SHARP CLINICAL HIGH-RISK SUBJECTS FOR PSYCHOSIS STUDY. <i>Schizophrenia Bulletin</i> , 2018, 44, S90-S91.	2.3	0
31	T13. PROGRESSIVE SPONTANEOUS AND SYNCHRONY GAMMA-BAND OSCILLATION DEFICITS IN FIRST EPISODE SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S117-S118.	2.3	1
32	Validating the Predictive Accuracy of the NAPLS-2 Psychosis Risk Calculator in a Clinical High-Risk Sample From the SHARP (Shanghai At Risk for Psychosis) Program. <i>American Journal of Psychiatry</i> , 2018, 175, 906-908.	4.0	54
33	S105. VALIDATING THE PREDICTIVE ACCURACY OF THE NAPLS-2 PSYCHOSIS RISK CALCULATOR IN A CLINICAL HIGH-RISK SAMPLE FROM THE SHARP (SHANGHAI AT RISK FOR PSYCHOSIS) PROGRAM. <i>Schizophrenia Bulletin</i> , 2018, 44, S366-S366.	2.3	0
34	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018, 102, 1185-1194.	2.6	119
35	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. <i>Schizophrenia Research</i> , 2018, 195, 306-317.	1.1	17
36	Pitch and Duration Mismatch Negativity and Premorbid Intellect in the First Hospitalized Schizophrenia Spectrum. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw074.	2.3	51

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37	The NLRP3 inflammasome modulates sleep and NREM sleep delta power induced by spontaneous wakefulness, sleep deprivation and lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 137-150.	2.0	50
38	Differential modulation of global and local neural oscillations in REM sleep by homeostatic sleep regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1727-E1736.	3.3	27
39	Creatine supplementation reduces sleep need and homeostatic sleep pressure in rats. <i>Journal of Sleep Research</i> , 2017, 26, 377-385.	1.7	8
40	Neurobiology of REM Sleep, NREM Sleep Homeostasis, and Gamma Band Oscillations. , 2017, , 55-77.		7
41	The menagerie of the basal forebrain: how many (neural) species are there, what do they look like, how do they behave and who talks to whom?. <i>Current Opinion in Neurobiology</i> , 2017, 44, 159-166.	2.0	54
42	Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. <i>American Journal of Psychiatry</i> , 2017, 174, 1102-1111.	4.0	60
43	272. Ventricles, Corpus Callosum and MIR137 in Large N Study of Schizophrenia. <i>Biological Psychiatry</i> , 2017, 81, S111-S112.	0.7	0
44	Exploring the neural substrates of attentional control and human intelligence: Diffusion tensor imaging of prefrontal white matter tractography in healthy cognition. <i>Neuroscience</i> , 2017, 341, 52-60.	1.1	30
45	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	9.4	838
46	13. The Extents of Extracellular and Brain Tissue Related Abnormalities in Subjects at Clinical High Risk of Psychosis. <i>Schizophrenia Bulletin</i> , 2017, 43, S11-S12.	2.3	0
47	Functions and Mechanisms of Sleep. <i>AIMS Neuroscience</i> , 2016, 3, 67-104.	1.0	153
48	Gamma band oscillations. <i>Current Opinion in Psychiatry</i> , 2016, 29, 202-210.	3.1	105
49	Effects of <i>NRG1</i> genotypes on orbitofrontal sulcogyral patterns in Japanese patients diagnosed with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 261-268.	1.0	10
50	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 762-771.	2.3	45
51	25th Annual Computational Neuroscience Meeting: CNS-2016. <i>BMC Neuroscience</i> , 2016, 17, 54.	0.8	81
52	A New MRI Masking Technique Based on Multi-Atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. <i>Journal of Neuroimaging</i> , 2016, 26, 28-36.	1.0	23
53	Enlarged lateral ventricles inversely correlate with reduced corpus callosum central volume in first episode schizophrenia: association with functional measures. <i>Brain Imaging and Behavior</i> , 2016, 10, 1264-1273.	1.1	30
54	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497.	6.0	51

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55	Simultaneous face and voice processing in schizophrenia. <i>Behavioural Brain Research</i> , 2016, 305, 76-86.	1.2	14
56	Cholinergic Neurons in the Basal Forebrain Promote Wakefulness by Actions on Neighboring Non-Cholinergic Neurons: An Opto-Dialysis Study. <i>Journal of Neuroscience</i> , 2016, 36, 2057-2067.	1.7	106
57	Healthy adolescent performance on the MATRICS Consensus Cognitive Battery (MCCB): Developmental data from two samples of volunteers. <i>Schizophrenia Research</i> , 2016, 172, 106-113.	1.1	20
58	Hyperactivity of caudate, parahippocampal, and prefrontal regions during working memory in never-medicated persons at clinical high-risk for psychosis. <i>Schizophrenia Research</i> , 2016, 173, 1-12.	1.1	15
59	Initial and Progressive Gray Matter Abnormalities in Insular Gyrus and Temporal Pole in First-Episode Schizophrenia Contrasted With First-Episode Affective Psychosis. <i>Schizophrenia Bulletin</i> , 2016, 42, 790-801.	2.3	55
60	Prefrontal Lobe Gray Matter, Cognitive Control and Episodic Memory in Healthy Cognition. <i>AIMS Neuroscience</i> , 2016, 3, 338-355.	1.0	1
61	Chronic sleep restriction induces long-lasting changes in adenosine and noradrenaline receptor density in the rat brain. <i>Journal of Sleep Research</i> , 2015, 24, 549-558.	1.7	30
62	Attentional Control and Intelligence: MRI Orbital Frontal Gray Matter and Neuropsychological Correlates. <i>Behavioural Neurology</i> , 2015, 2015, 1-8.	1.1	29
63	Cingulum bundle integrity associated with delusions of control in schizophrenia: Preliminary evidence from diffusion-tensor tractography. <i>Schizophrenia Research</i> , 2015, 161, 36-41.	1.1	25
64	Cholinergic neurons of the basal forebrain mediate biochemical and electrophysiological mechanisms underlying sleep homeostasis. <i>European Journal of Neuroscience</i> , 2015, 41, 182-195.	1.2	40
65	Clinical high risk and first episode schizophrenia: Auditory event-related potentials. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 126-133.	0.9	50
66	Progressive Reduction of Visual P300 Amplitude in Patients With First-Episode Schizophrenia: An ERP Study. <i>Schizophrenia Bulletin</i> , 2015, 41, 460-470.	2.3	31
67	Cortically projecting basal forebrain parvalbumin neurons regulate cortical gamma band oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3535-3540.	3.3	246
68	Abnormal interactions between context, memory structure, and mood in schizophrenia: An ERP investigation. <i>Psychophysiology</i> , 2015, 52, 20-31.	1.2	8
69	Analysis of schizophrenia-related genes and electrophysiological measures reveals ZNF804A association with amplitude of P300b elicited by novel sounds. <i>Translational Psychiatry</i> , 2014, 4, e346-e346.	2.4	29
70	Prefrontal cortex volume deficit in schizophrenia: A new look using 3T MRI with manual parcellation. <i>Schizophrenia Research</i> , 2014, 152, 184-190.	1.1	30
71	Molecular Profiles of Pyramidal Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 53-69.	0.6	75
72	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2014, 40, 895-903.	2.3	97

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73	Neuropsychology of reward learning and negative symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 506-508.	1.1	15
74	Localized abnormalities in the cingulum bundle in patients with schizophrenia: A Diffusion Tensor tractography study. <i>NeuroImage: Clinical</i> , 2014, 5, 93-99.	1.4	57
75	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014, 511, 421-427.	13.7	6,934
76	Chronic sleep restriction elevates brain interleukin-1 beta and tumor necrosis factor-alpha and attenuates brain-derived neurotrophic factor expression. <i>Neuroscience Letters</i> , 2014, 580, 27-31.	1.0	100
77	Molecular Profiles of Parvalbumin-Immunoreactive Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 70-85.	0.6	63
78	Cognitive task performance and symptoms contribute to personality abnormalities in first hospitalized schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 55, 68-76.	1.5	15
79	Cerebral white matter abnormalities and their associations with negative but not positive symptoms of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 52-59.	0.9	39
80	Abnormalities in the processing of emotional prosody from single words in schizophrenia. <i>Schizophrenia Research</i> , 2014, 152, 235-241.	1.1	30
81	Frequency and pattern of childhood symptom onset reported by first episode schizophrenia and clinical high risk youth. <i>Schizophrenia Research</i> , 2014, 158, 45-51.	1.1	26
82	Early auditory gamma band response abnormalities in first hospitalized schizophrenia. <i>Supplements To Clinical Neurophysiology</i> , 2013, 62, 131-145.	2.1	10
83	Globally and Locally Reduced MRI Gray Matter Volumes in Neuroleptic-Naive Men With Schizotypal Personality Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 361.	6.0	35
84	Visual emotional information processing in male schizophrenia patients: Combining ERP, clinical and behavioral evidence. <i>Neuroscience Letters</i> , 2013, 550, 75-80.	1.0	17
85	Impaired GABAergic Neurotransmission in Schizophrenia Underlies Impairments in Cortical Gamma Band Oscillations. <i>Current Psychiatry Reports</i> , 2013, 15, 346.	2.1	42
86	Neuropsychological variability, symptoms, and brain imaging in chronic schizophrenia. <i>Brain Imaging and Behavior</i> , 2013, 7, 68-76.	1.1	21
87	A volumetric MRI study of limbic, associative and sensorimotor striatal subregions in schizophrenia. <i>Schizophrenia Research</i> , 2013, 145, 11-19.	1.1	29
88	Sleep active cortical neurons expressing neuronal nitric oxide synthase are active after both acute sleep deprivation and chronic sleep restriction. <i>Neuroscience</i> , 2013, 247, 35-42.	1.1	10
89	Abnormalities of middle longitudinal fascicle and disorganization in patients with schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 253-259.	1.1	36
90	Pituitary volume in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2013, 146, 301-307.	1.1	16

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91	Disruption of functionâ€“structure coupling in brain regions sub-serving self monitoring in schizophrenia. <i>Schizophrenia Research</i> , 2013, 146, 336-343.	1.1	14
92	Early and late stages of visual processing in individuals in prodromal state and first episode schizophrenia: An ERP study. <i>Schizophrenia Research</i> , 2013, 146, 95-102.	1.1	42
93	Sleep allostasis in chronic sleep restriction: The role of the norepinephrine system. <i>Brain Research</i> , 2013, 1531, 9-16.	1.1	32
94	In search of the functional neuroanatomy of sociality: MRI subdivisions of orbital frontal cortex and social cognition. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 460-467.	1.5	34
95	Impact of Ketamine on Neuronal Network Dynamics: Translational Modeling of Schizophreniaâ€™Relevant Deficits. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 437-447.	1.9	85
96	Extensive white matter abnormalities in patients with first-episode schizophrenia: A diffusion tensor imaging (DTI) study. <i>Schizophrenia Research</i> , 2013, 143, 231-238.	1.1	160
97	White matter tract abnormalities between rostral middle frontal gyrus, inferior frontal gyrus and striatum in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2013, 145, 1-10.	1.1	89
98	Working memory in schizotypal personality disorder: fMRI activation and deactivation differences. <i>Schizophrenia Research</i> , 2013, 151, 113-123.	1.1	18
99	Sensory-based and higher-order operations contribute to abnormal emotional prosody processing in schizophrenia: an electrophysiological investigation. <i>Psychological Medicine</i> , 2013, 43, 603-618.	2.7	64
100	Aberrant cortical neuroplasticity in the <sc>OSA</sc> patient (Commentary on Opie <i>et al</i>.). <i>European Journal of Neuroscience</i> , 2013, 37, 1843-1843.	1.2	0
101	Distribution and intrinsic membrane properties of basal forebrain GABAergic and parvalbumin neurons in the mouse. <i>Journal of Comparative Neurology</i> , 2013, 521, 1225-1250.	0.9	79
102	Knockdown of orexin type 2 receptor in the lateral pontomesencephalic tegmentum of rats increases <sc>REM</sc> sleep. <i>European Journal of Neuroscience</i> , 2013, 37, 957-963.	1.2	11
103	Interactions between mood and the structure of semantic memory: event-related potentials evidence. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 579-594.	1.5	45
104	Chronic sleep restriction impairs spatial memory in rats. <i>NeuroReport</i> , 2013, 24, 91-95.	0.6	23
105	Chronic Ketamine Reduces the Peak Frequency of Gamma Oscillations in Mouse Prefrontal Cortex Ex vivo. <i>Frontiers in Psychiatry</i> , 2013, 4, 106.	1.3	32
106	Hearing voices: A role of interhemispheric auditory connectivity?. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 153-158.	1.3	75
107	Electrophysiological insights into processing nonverbal emotional vocalizations. <i>NeuroReport</i> , 2012, 23, 108-112.	0.6	54
108	Prosodic abnormalities in schizotypal personality disorder. <i>Schizophrenia Research</i> , 2012, 142, 20-30.	1.1	25

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109	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. <i>Journal of Neuroscience</i> , 2012, 32, 17365-17372.	1.7	259
110	Longitudinal loss of gray matter volume in patients with first-episode schizophrenia: DARTEL automated analysis and ROI validation. <i>NeuroImage</i> , 2012, 59, 986-996.	2.1	129
111	Fractional anisotropy and radial diffusivity: Diffusion measures of white matter abnormalities in the anterior limb of the internal capsule in schizophrenia. <i>Schizophrenia Research</i> , 2012, 136, 55-62.	1.1	68
112	An MRI study of septi pellucidi in relation to hippocampus volume and fornix integrity in schizophrenia. <i>Schizophrenia Research</i> , 2012, 134, 165-170.	1.1	16
113	Anterior limb of the internal capsule in schizophrenia: a diffusion tensor tractography study. <i>Brain Imaging and Behavior</i> , 2012, 6, 417-425.	1.1	39
114	Emotional Cues during Simultaneous Face and Voice Processing: Electrophysiological Insights. <i>PLoS ONE</i> , 2012, 7, e31001.	1.1	47
115	Decoupling of Sleepiness from Sleep Time and Intensity during Chronic Sleep Restriction: Evidence for a Role of the Adenosine System. <i>Sleep</i> , 2012, 35, 861-869.	0.6	45
116	Control of Sleep and Wakefulness. <i>Physiological Reviews</i> , 2012, 92, 1087-1187.	13.1	1,089
117	Neurobiology of REM sleep. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2011, 98, 151-171.	1.0	19
118	Stochastic tractography study of Inferior Frontal Gyrus anatomical connectivity in schizophrenia. <i>NeuroImage</i> , 2011, 55, 1657-1664.	2.1	42
119	Letter to the Editor. <i>Schizophrenia Research</i> , 2011, 127, 268-269.	1.1	2
120	Diffusion tensor imaging of anterior commissural fibers in patients with schizophrenia. <i>Schizophrenia Research</i> , 2011, 130, 78-85.	1.1	36
121	Facial emotion recognition and facial affect display in schizotypal personality disorder. <i>Schizophrenia Research</i> , 2011, 131, 242-249.	1.1	26
122	Fiber geometry in the corpus callosum in schizophrenia: Evidence for transcallosal misconnection. <i>Schizophrenia Research</i> , 2011, 132, 69-74.	1.1	21
123	Predicting inter-hemispheric transfer time from the diffusion properties of the corpus callosum in healthy individuals and schizophrenia patients: A combined ERP and DTI study. <i>NeuroImage</i> , 2011, 54, 2318-2329.	2.1	76
124	Long-range synchrony of gamma oscillations and auditory hallucination symptoms in schizophrenia. <i>International Journal of Psychophysiology</i> , 2011, 79, 55-63.	0.5	149
125	Delta oscillations induced by ketamine increase energy levels in sleep-wake related brain regions. <i>Neuroscience</i> , 2011, 197, 72-79.	1.1	16
126	Complex receptor mediation of acute ketamine application on in vitro gamma oscillations in mouse prefrontal cortex: modeling gamma band oscillation abnormalities in schizophrenia. <i>Neuroscience</i> , 2011, 199, 51-63.	1.1	57

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127	A systems-level approach to human REM sleep. , 2011, , 71-79.		4
128	GABAergic modulation of REM sleep. , 2011, , 206-213.		2
129	REM-sleep regulation: circadian, homeostatic, and non-REM sleep-dependent determinants. , 2011, , 80-88.		3
130	Replies to Commentaries on ATP Changes During Sleep. Sleep, 2011, 34, 841-843.	0.6	6
131	The time course of adenosine, nitric oxide (NO) and inducible NO synthase changes in the brain with sleep loss and their role in the non-rapid eye movement sleep homeostatic cascade. Journal of Neurochemistry, 2011, 116, 260-272.	2.1	72
132	Olfactory sulcal depth and olfactory bulb volume in patients with schizophrenia: an MRI study. Brain Imaging and Behavior, 2011, 5, 252-261.	1.1	52
133	Statistical analysis of fiber bundles using multi-tensor tractography: application to first-episode schizophrenia. Magnetic Resonance Imaging, 2011, 29, 507-515.	1.0	33
134	Enhanced facilitation of spatial attention in schizophrenia.. Neuropsychology, 2011, 25, 76-85.	1.0	42
135	Neurobiología del sueño con y sin movimientos oculares rápidos. , 2011, , 29-58.		0
136	GAD67-GFP knock-in mice have normal sleep/wake patterns and sleep homeostasis. NeuroReport, 2010, 21, 216-220.	0.6	15
137	Distinct Contribution of Working Memory and Social Comprehension Failures in Neuropsychological Impairment in Schizophrenia. Journal of Nervous and Mental Disease, 2010, 198, 206-212.	0.5	10
138	Comparing prefrontal gray and white matter contributions to intelligence and decision making in schizophrenia and healthy controls.. Neuropsychology, 2010, 24, 121-129.	1.0	26
139	A diffusion tensor imaging study of the anterior limb of the internal capsule in schizophrenia. Psychiatry Research - Neuroimaging, 2010, 184, 143-150.	0.9	42
140	Knockdown of orexin type 1 receptor in rat locus coeruleus increases REM sleep during the dark period. European Journal of Neuroscience, 2010, 32, 1528-1536.	1.2	44
141	An fMRI Study of Functional Abnormalities in the Verbal Working Memory System and the Relationship to Clinical Symptoms in Chronic Schizophrenia. Cerebral Cortex, 2010, 20, 46-60.	1.6	50
142	Sleep and Brain Energy Levels: ATP Changes during Sleep. Journal of Neuroscience, 2010, 30, 9007-9016.	1.7	213
143	Reflections on the Legacy of Stuart T. Hauser: Scientist, Colleague, and Mentor. Research in Human Development, 2010, 7, 307-321.	0.8	0
144	Reductions in the N1 and P2 Auditory Event-Related Potentials in First-Hospitalized and Chronic Schizophrenia. Schizophrenia Bulletin, 2010, 36, 991-1000.	2.3	91

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145	Gamma Oscillation Deficits and the Onset and Early Progression of Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2010, 18, 173-189.	0.9	86
146	Sleep Deprivation Triggers Inducible Nitric Oxide-Dependent Nitric Oxide Production in Wake-Active Basal Forebrain Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 13254-13264.	1.7	69
147	Corpus Callosum Abnormalities and Their Association with Psychotic Symptoms in Patients with Schizophrenia. <i>Biological Psychiatry</i> , 2010, 68, 70-77.	0.7	169
148	Factors in sensory processing of prosody in schizotypal personality disorder: An fMRI experiment. <i>Schizophrenia Research</i> , 2010, 121, 75-89.	1.1	25
149	Gray matter volume reduction in rostral middle frontal gyrus in patients with chronic schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 153-159.	1.1	91
150	Gaze cueing of attention in schizophrenia: Individual differences in neuropsychological functioning and symptoms. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2010, 32, 281-288.	0.8	14
151	Sleep fragmentation reduces hippocampal CA1 pyramidal cell excitability and response to adenosine. <i>Neuroscience Letters</i> , 2010, 469, 1-5.	1.0	35
152	Abnormal inhibitory processes in semantic networks in schizophrenia. <i>International Journal of Psychophysiology</i> , 2010, 75, 133-140.	0.5	31
153	One week of exposure to intermittent hypoxia impairs attentional set-shifting in rats. <i>Behavioural Brain Research</i> , 2010, 210, 123-126.	1.2	25
154	Twenty-four hours, or five days, of continuous sleep deprivation or experimental sleep fragmentation do not alter thirst or motivation for water reward in rats. <i>Behavioural Brain Research</i> , 2010, 214, 180-186.	1.2	8
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