Robert W Mccarley

List of Publications by Year
in descending order

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483 papers	56,626 citations	1463 107 h-index	1633 215 g-index
489 all docs	489 docs citations	489 times ranked	35274 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. Schizophrenia Bulletin, 2021, 47, 562-574.	4.3	25
2	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. Biological Psychiatry, 2021, 90, 611-620.	1.3	103
3	Abnormal Function in Dentate Nuclei Precedes the Onset of Psychosis: A Resting-State fMRI Study in High-Risk Individuals. Schizophrenia Bulletin, 2021, 47, 1421-1430.	4.3	12
4	Functional connectome organization predicts conversion to psychosis in clinical high-risk youth from the SHARP program. Molecular Psychiatry, 2020, 25, 2431-2440.	7.9	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. Schizophrenia Research, 2020, 226, 74-83.	2.0	26
6	Cingulum bundle abnormalities and risk for schizophrenia. Schizophrenia Research, 2020, 215, 385-391.	2.0	19
7	Faulty Executive Attention and Memory Interactions in Schizophrenia: Prefrontal Gray Matter Volume and Neuropsychological Impairment. Clinical EEG and Neuroscience, 2020, 51, 267-274.	1.7	4
8	Deficit Effect Sizes and Correlations of Auditory Event-Related Potentials at First Hospitalization in the Schizophrenia Spectrum. Clinical EEG and Neuroscience, 2020, 51, 198-206.	1.7	13
9	White matter abnormalities across the lifespan of schizophrenia: a harmonized multi-site diffusion MRI study. Molecular Psychiatry, 2020, 25, 3208-3219.	7.9	115
10	Altered P3a Modulations to Emotional Faces in Male Patients With Chronic Schizophrenia. Clinical EEG and Neuroscience, 2020, 51, 215-221.	1.7	7
11	Abnormal Frequency Mismatch Negativity in Early Psychosis Outpatient Subjects. Clinical EEG and Neuroscience, 2020, 51, 207-214.	1.7	1
12	Brain functional connectivity data enhance prediction of clinical outcome in youth at risk for psychosis. NeuroImage: Clinical, 2020, 26, 102108.	2.7	25
13	Basal Forebrain Parvalbumin Neurons Mediate Arousals from Sleep Induced by Hypercarbia or Auditory Stimuli. Current Biology, 2020, 30, 2379-2385.e4.	3.9	35
14	Auditory Cortex Volume and Gamma Oscillation Abnormalities in Schizophrenia. Clinical EEG and Neuroscience, 2020, 51, 244-251.	1.7	40
15	Miswiring of Frontostriatal Projections in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 990-998.	4.3	12
16	Striato-nigro-striatal tract dispersion abnormalities in patients with chronic schizophrenia. Brain Imaging and Behavior, 2019, 13, 1236-1245.	2.1	4
17	O7.1. ABNORMAL DEVELOPMENT, FAULTY MATURATION OR ACCELERATED AGING? â€œWHITE MATTER AT THE CENTER STAGE OF SCHIZOPHRENIAâ€•REVISITED. Schizophrenia Bulletin, 2019, 45, S178-S179.	4.3	0
18	Neutral face and complex object neurophysiological processing deficits in long-term schizophrenia and in first hospitalized schizophrenia-spectrum individuals. International Journal of Psychophysiology, 2019, 145, 57-64.	1.0	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. American Journal of Psychiatry, 2019, 176, 820-828.	7.2	28
20	Progressive reduction of auditory evoked gamma in first episode schizophrenia but not clinical high risk individuals. Schizophrenia Research, 2019, 208, 145-152.	2.0	20
21	A comparison of neurocognition and functioning in first episode psychosis populations: do research samples reflect the real world?. Social Psychiatry and Psychiatric Epidemiology, 2019, 54, 291-301.	3.1	12
22	Prediction of psychosis in prodrome: development and validation of a simple, personalized risk calculator. Psychological Medicine, 2019, 49, 1990-1998.	4.5	59
23	Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia. Schizophrenia Bulletin, 2019, 45, 386-395.	4.3	7
24	Progressive symptom-associated prefrontal volume loss occurs in first-episode schizophrenia but not in affective psychosis. Brain Structure and Function, 2018, 223, 2879-2892.	2.3	16
25	F14. REDUCED DURATION MISMATCH NEGATIVITY ASSOCIATED WITH DECREASED GLUTAMATE+GLUTAMINE LEVEL IN SUBJECTS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. Schizophrenia Bulletin, 2018, 44, S223-S224.	4.3	0
26	Alteration of gray matter microstructure in schizophrenia. Brain Imaging and Behavior, 2018, 12, 54-63.	2.1	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. Brain Imaging and Behavior, 2018, 12, 229-237.	2.1	26
28	Abnormal relationships between local and global brain measures in subjects at clinical high risk for psychosis: a pilot study. Brain Imaging and Behavior, 2018, 12, 974-988.	2.1	7
29	Learning and memory are impaired in the object recognition task during metestrus/diestrus and after sleep deprivation. Behavioural Brain Research, 2018, 339, 124-129.	2.2	44
30	O6.4. AUDITORY AND LANGUAGE AREAS DISTINGUISH CONVERTERS FROM NONâ€"CONVERTERS AT BASELINE IN SHARP CLINICAL HIGH-RISK SUBJECTS FOR PSYCHOSIS STUDY. Schizophrenia Bulletin, 2018, 44, S90-S91.	4.3	0
31	T13. PROGRESSIVE SPONTANEOUS AND SYNCHRONY GAMMA-BAND OSCILLATION DEFICITS IN FIRST EPISODE SCHIZOPHRENIA. Schizophrenia Bulletin, 2018, 44, S117-S118.	4.3	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. American Journal of Psychiatry, 2018, 175, 906-908.	7.2	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. Schizophrenia Bulletin, 2018, 44, S366-S366.	4.3	0
34	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. American Journal of Human Genetics, 2018, 102, 1185-1194.	6.2	119
35	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. Schizophrenia Research, 2018, 195, 306-317.	2.0	17
36	Pitch and Duration Mismatch Negativity and Premorbid Intellect in the First Hospitalized Schizophrenia Spectrum. Schizophrenia Bulletin, 2017, 43, sbw074.	4.3	51

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37	The NLRP3 inflammasome modulates sleep and NREM sleep delta power induced by spontaneous wakefulness, sleep deprivation and lipopolysaccharide. Brain, Behavior, and Immunity, 2017, 62, 137-150.	4.1	50
38	Differential modulation of global and local neural oscillations in REM sleep by homeostatic sleep regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1727-E1736.	7.1	27
39	Creatine supplementation reduces sleep need and homeostatic sleep pressure in rats. Journal of Sleep Research, 2017, 26, 377-385.	3.2	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?. Current Opinion in Neurobiology, 2017, 44, 159-166.	4.2	54
42	Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. American Journal of Psychiatry, 2017, 174, 1102-1111.	7.2	60
43	272. Ventricles, Corpus Callosum and MIR137 in Large N Study of Schizophrenia. Biological Psychiatry, 2017, 81, S111-S112.	1.3	0
44	Exploring the neural substrates of attentional control and human intelligence: Diffusion tensor imaging of prefrontal white matter tractography in healthy cognition. Neuroscience, 2017, 341, 52-60.	2.3	30
45	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	21.4	838
46	13. The Extents of Extracellular and Brain Tissue Related Abnormalities in Subjects at Clinical High Risk of Psychosis. Schizophrenia Bulletin, 2017, 43, S11-S12.	4.3	0
47	Functions and Mechanisms of Sleep. AIMS Neuroscience, 2016, 3, 67-104.	2.3	153
48	Gamma band oscillations. Current Opinion in Psychiatry, 2016, 29, 202-210.	6.3	105
49	Effects of <scp>NRG1</scp> genotypes on orbitofrontal sulcogyral patterns in Japanese patients diagnosed with schizophrenia. Psychiatry and Clinical Neurosciences, 2016, 70, 261-268.	1.8	10
50	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. Schizophrenia Bulletin, 2016, 42, 762-771.	4.3	45
51	25th Annual Computational Neuroscience Meeting: CNS-2016. BMC Neuroscience, 2016, 17, 54.	1.9	81
52	A New MRI Masking Technique Based on Multiâ€Atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. Journal of Neuroimaging, 2016, 26, 28-36.	2.0	23
53	Enlarged lateral ventricles inversely correlate with reduced corpus callosum central volume in first episode schizophrenia: association with functional measures. Brain Imaging and Behavior, 2016, 10, 1264-1273.	2.1	30
54	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. JAMA Psychiatry, 2016, 73, 497.	11.0	51

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55	Simultaneous face and voice processing in schizophrenia. Behavioural Brain Research, 2016, 305, 76-86.	2.2	14
56	Cholinergic Neurons in the Basal Forebrain Promote Wakefulness by Actions on Neighboring Non-Cholinergic Neurons: An Opto-Dialysis Study. Journal of Neuroscience, 2016, 36, 2057-2067.	3.6	106
57	Healthy adolescent performance on the MATRICS Consensus Cognitive Battery (MCCB): Developmental data from two samples of volunteers. Schizophrenia Research, 2016, 172, 106-113.	2.0	20
58	Hyperactivity of caudate, parahippocampal, and prefrontal regions during working memory in never-medicated persons at clinical high-risk for psychosis. Schizophrenia Research, 2016, 173, 1-12.	2.0	15
59	Initial and Progressive Gray Matter Abnormalities in Insular Gyrus and Temporal Pole in First-Episode Schizophrenia Contrasted With First-Episode Affective Psychosis. Schizophrenia Bulletin, 2016, 42, 790-801.	4.3	55
60	Prefrontal Lobe Gray Matter, Cognitive Control and Episodic Memory in Healthy Cognition. AIMS Neuroscience, 2016, 3, 338-355.	2.3	1
61	Chronic sleep restriction induces longâ€lasting changes in adenosine and noradrenaline receptor density in the rat brain. Journal of Sleep Research, 2015, 24, 549-558.	3.2	30
62	Attentional Control and Intelligence: MRI Orbital Frontal Gray Matter and Neuropsychological Correlates. Behavioural Neurology, 2015, 2015, 1-8.	2.1	29
63	Cingulum bundle integrity associated with delusions of control in schizophrenia: Preliminary evidence from diffusion-tensor tractography. Schizophrenia Research, 2015, 161, 36-41.	2.0	25
64	Cholinergic neurons of the basal forebrain mediate biochemical and electrophysiological mechanisms underlying sleep homeostasis. European Journal of Neuroscience, 2015, 41, 182-195.	2.6	40
65	Clinical high risk and first episode schizophrenia: Auditory event-related potentials. Psychiatry Research - Neuroimaging, 2015, 231, 126-133.	1.8	50
66	Progressive Reduction of Visual P300 Amplitude in Patients With First-Episode Schizophrenia: An ERP Study. Schizophrenia Bulletin, 2015, 41, 460-470.	4.3	31
67	Cortically projecting basal forebrain parvalbumin neurons regulate cortical gamma band oscillations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3535-3540.	7.1	246
68	Abnormal interactions between context, memory structure, and mood in schizophrenia: An <scp>ERP</scp> investigation. Psychophysiology, 2015, 52, 20-31.	2.4	8
69	Analysis of schizophrenia-related genes and electrophysiological measures reveals ZNF804A association with amplitude of P300b elicited by novel sounds. Translational Psychiatry, 2014, 4, e346-e346.	4.8	29
70	Prefrontal cortex volume deficit in schizophrenia: A new look using 3T MRI with manual parcellation. Schizophrenia Research, 2014, 152, 184-190.	2.0	30
71	Molecular Profiles of Pyramidal Neurons in the Superior Temporal Cortex in Schizophrenia. Journal of Neurogenetics, 2014, 28, 53-69.	1.4	75
72	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. Schizophrenia Bulletin, 2014, 40, 895-903.	4.3	97

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73	Neuropsychology of reward learning and negative symptoms in schizophrenia. Schizophrenia Research, 2014, 159, 506-508.	2.0	15
74	Localized abnormalities in the cingulum bundle in patients with schizophrenia: A Diffusion Tensor tractography study. NeuroImage: Clinical, 2014, 5, 93-99.	2.7	57
75	Biological insights from 108 schizophrenia-associated genetic loci. Nature, 2014, 511, 421-427.	27.8	6,934
76	Chronic sleep restriction elevates brain interleukin-1 beta and tumor necrosis factor-alpha and attenuates brain-derived neurotrophic factor expression. Neuroscience Letters, 2014, 580, 27-31.	2.1	100
77	Molecular Profiles of Parvalbumin-Immunoreactive Neurons in the Superior Temporal Cortex in Schizophrenia. Journal of Neurogenetics, 2014, 28, 70-85.	1.4	63
78	Cognitive task performance and symptoms contribute to personality abnormalities in first hospitalized schizophrenia. Journal of Psychiatric Research, 2014, 55, 68-76.	3.1	15
79	Cerebral white matter abnormalities and their associations with negative but not positive symptoms of schizophrenia. Psychiatry Research - Neuroimaging, 2014, 222, 52-59.	1.8	39
80	Abnormalities in the processing of emotional prosody from single words in schizophrenia. Schizophrenia Research, 2014, 152, 235-241.	2.0	30
81	Frequency and pattern of childhood symptom onset reported by first episode schizophrenia and clinical high risk youth. Schizophrenia Research, 2014, 158, 45-51.	2.0	26
82	Early auditory gamma band response abnormalities in first hospitalized schizophrenia. Supplements To Clinical Neurophysiology, 2013, 62, 131-145.	2.1	10
83	Globally and Locally Reduced MRI Gray Matter Volumes in Neuroleptic-Naive Men With Schizotypal Personality Disorder. JAMA Psychiatry, 2013, 70, 361.	11.0	35
84	Visual emotional information processing in male schizophrenia patients: Combining ERP, clinical and behavioral evidence. Neuroscience Letters, 2013, 550, 75-80.	2.1	17
85	Impaired GABAergic Neurotransmission in Schizophrenia Underlies Impairments in Cortical Gamma Band Oscillations. Current Psychiatry Reports, 2013, 15, 346.	4.5	42
86	Neuropsychological variability, symptoms, and brain imaging in chronic schizophrenia. Brain Imaging and Behavior, 2013, 7, 68-76.	2.1	21
87	A volumetric MRI study of limbic, associative and sensorimotor striatal subregions in schizophrenia. Schizophrenia Research, 2013, 145, 11-19.	2.0	29
88	Sleep active cortical neurons expressing neuronal nitric oxide synthase are active after both acute sleep deprivation and chronic sleep restriction. Neuroscience, 2013, 247, 35-42.	2.3	10
89	Abnormalities of middle longitudinal fascicle and disorganization in patients with schizophrenia. Schizophrenia Research, 2013, 143, 253-259.	2.0	36
90	Pituitary volume in schizophrenia spectrum disorders. Schizophrenia Research, 2013, 146, 301-307.	2.0	16

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91	Disruption of functionâ€“structure coupling in brain regions sub-serving self monitoring in schizophrenia. Schizophrenia Research, 2013, 146, 336-343.	2.0	14
92	Early and late stages of visual processing in individuals in prodromal state and first episode schizophrenia: An ERP study. Schizophrenia Research, 2013, 146, 95-102.	2.0	42
93	Sleep allostasis in chronic sleep restriction: The role of the norepinephrine system. Brain Research, 2013, 1531, 9-16.	2.2	32
94	In search of the functional neuroanatomy of sociality: MRI subdivisions of orbital frontal cortex and social cognition. Social Cognitive and Affective Neuroscience, 2013, 8, 460-467.	3.0	34
95	Impact of Ketamine on Neuronal Network Dynamics: Translational Modeling of Schizophreniaâ€Relevant Deficits. CNS Neuroscience and Therapeutics, 2013, 19, 437-447.	3.9	85
96	Extensive white matter abnormalities in patients with first-episode schizophrenia: A diffusion tensor imaging (DTI) study. Schizophrenia Research, 2013, 143, 231-238.	2.0	160
97	White matter tract abnormalities between rostral middle frontal gyrus, inferior frontal gyrus and striatum in first-episode schizophrenia. Schizophrenia Research, 2013, 145, 1-10.	2.0	89
98	Working memory in schizotypal personality disorder: fMRI activation and deactivation differences. Schizophrenia Research, 2013, 151, 113-123.	2.0	18
99	Sensory-based and higher-order operations contribute to abnormal emotional prosody processing in schizophrenia: an electrophysiological investigation. Psychological Medicine, 2013, 43, 603-618.	4.5	64
100	Aberrant cortical neuroplasticity in the <scp>OSA</scp> patient (Commentary on Opie et al.). European Journal of Neuroscience, 2013, 37, 1843-1843.	2.6	0
101	Distribution and intrinsic membrane properties of basal forebrain GABAergic and parvalbumin neurons in the mouse. Journal of Comparative Neurology, 2013, 521, 1225-1250.	1.6	79
102	Knockdown of orexin type 2 receptor in the lateral pontomesencephalic tegmentum of rats increases <scp>REM</scp> sleep. European Journal of Neuroscience, 2013, 37, 957-963.	2.6	11
103	Interactions between mood and the structure of semantic memory: event-related potentials evidence. Social Cognitive and Affective Neuroscience, 2013, 8, 579-594.	3.0	45
104	Chronic sleep restriction impairs spatial memory in rats. NeuroReport, 2013, 24, 91-95.	1.2	23
105	Chronic Ketamine Reduces the Peak Frequency of Gamma Oscillations in Mouse Prefrontal Cortex Ex vivo. Frontiers in Psychiatry, 2013, 4, 106.	2.6	32
106	Hearing voices: A role of interhemispheric auditory connectivity?. World Journal of Biological Psychiatry, 2012, 13, 153-158.	2.6	75
107	Electrophysiological insights into processing nonverbal emotional vocalizations. NeuroReport, 2012, 23, 108-112.	1.2	54
108	Prosodic abnormalities in schizotypal personality disorder. Schizophrenia Research, 2012, 142, 20-30.	2.0	25

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109	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. Journal of Neuroscience, 2012, 32, 17365-17372.	3.6	259
110	Longitudinal loss of gray matter volume in patients with first-episode schizophrenia: DARTEL automated analysis and ROI validation. NeuroImage, 2012, 59, 986-996.	4.2	129
111	Fractional anisotropy and radial diffusivity: Diffusion measures of white matter abnormalities in the anterior limb of the internal capsule in schizophrenia. Schizophrenia Research, 2012, 136, 55-62.	2.0	68
112	An MRI study of septi pellucidi in relation to hippocampus volume and fornix integrity in schizophrenia. Schizophrenia Research, 2012, 134, 165-170.	2.0	16
113	Anterior limb of the internal capsule in schizophrenia: a diffusion tensor tractography study. Brain Imaging and Behavior, 2012, 6, 417-425.	2.1	39
114	Emotional Cues during Simultaneous Face and Voice Processing: Electrophysiological Insights. PLoS ONE, 2012, 7, e31001.	2.5	47
115	Decoupling of Sleepiness from Sleep Time and Intensity during Chronic Sleep Restriction: Evidence for a Role of the Adenosine System. Sleep, 2012, 35, 861-869.	1.1	45
116	Control of Sleep and Wakefulness. Physiological Reviews, 2012, 92, 1087-1187.	28.8	1,089
117	Neurobiology of REM sleep. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 98, 151-171.	1.8	19
118	Stochastic tractography study of Inferior Frontal Gyrus anatomical connectivity in schizophrenia. NeuroImage, 2011, 55, 1657-1664.	4.2	42
119	Letter to the Editor. Schizophrenia Research, 2011, 127, 268-269.	2.0	2
120	Diffusion tensor imaging of anterior commissural fibers in patients with schizophrenia. Schizophrenia Research, 2011, 130, 78-85.	2.0	36
121	Facial emotion recognition and facial affect display in schizotypal personality disorder. Schizophrenia Research, 2011, 131, 242-249.	2.0	26
122	Fiber geometry in the corpus callosum in schizophrenia: Evidence for transcallosal misconnection. Schizophrenia Research, 2011, 132, 69-74.	2.0	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. NeuroImage, 2011, 54, 2318-2329.	4.2	76
124	Long-range synchrony of gamma oscillations and auditory hallucination symptoms in schizophrenia. International Journal of Psychophysiology, 2011, 79, 55-63.	1.0	149
125	Delta oscillations induced by ketamine increase energy levels in sleep-wake related brain regions. Neuroscience, 2011, 197, 72-79.	2.3	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. Neuroscience, 2011, 199, 51-63.	2.3	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.	1.1	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.	3.9	72
132	Olfactory sulcal depth and olfactory bulb volume in patients with schizophrenia: an MRI study. Brain Imaging and Behavior, 2011, 5, 252-261.	2.1	52
133	Statistical analysis of fiber bundles using multi-tensor tractography: application to first-episode schizophrenia. Magnetic Resonance Imaging, 2011, 29, 507-515.	1.8	33
134	Enhanced facilitation of spatial attention in schizophrenia.. Neuropsychology, 2011, 25, 76-85.	1.3	42
135	NeurobiologÃa del sueÃ±o con y sin movimientos oculares rÃ¡pidos. , 2011, , 29-58.		0
136	GAD67-GFP knock-in mice have normal sleepâ€“wake patterns and sleep homeostasis. NeuroReport, 2010, 21, 216-220.	1.2	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.	1.0	10
138	Comparing prefrontal gray and white matter contributions to intelligence and decision making in schizophrenia and healthy controls.. Neuropsychology, 2010, 24, 121-129.	1.3	26
139	A diffusion tensor imaging study of the anterior limb of the internal capsule in schizophrenia. Psychiatry Research - Neuroimaging, 2010, 184, 143-150.	1.8	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.	2.6	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.	2.9	50
142	Sleep and Brain Energy Levels: ATP Changes during Sleep. Journal of Neuroscience, 2010, 30, 9007-9016.	3.6	213
143	Reflections on the Legacy of Stuart T. Hauser: Scientist, Colleague, and Mentor. Research in Human Development, 2010, 7, 307-321.	1.3	0
144	Reductions in the N1 and P2 Auditory Event-Related Potentials in First-Hospitalized and Chronic Schizophrenia. Schizophrenia Bulletin, 2010, 36, 991-1000.	4.3	91

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145	Gamma Oscillation Deficits and the Onset and Early Progression of Schizophrenia. Harvard Review of Psychiatry, 2010, 18, 173-189.	2.1	86
146	Sleep Deprivation Triggers Inducible Nitric Oxide-Dependent Nitric Oxide Production in Wakeâ€"Active Basal Forebrain Neurons. Journal of Neuroscience, 2010, 30, 13254-13264.	3.6	69
147	Corpus Callosum Abnormalities and Their Association with Psychotic Symptoms in Patients with Schizophrenia. Biological Psychiatry, 2010, 68, 70-77.	1.3	169
148	Factors in sensory processing of prosody in schizotypal personality disorder: An fMRI experiment. Schizophrenia Research, 2010, 121, 75-89.	2.0	25
149	Gray matter volume reduction in rostral middle frontal gyrus in patients with chronic schizophrenia. Schizophrenia Research, 2010, 123, 153-159.	2.0	91
150	Gaze cueing of attention in schizophrenia: Individual differences in neuropsychological functioning and symptoms. Journal of Clinical and Experimental Neuropsychology, 2010, 32, 281-288.	1.3	14
151	Sleep fragmentation reduces hippocampal CA1 pyramidal cell excitability and response to adenosine. Neuroscience Letters, 2010, 469, 1-5.	2.1	35
152	Abnormal inhibitory processes in semantic networks in schizophrenia. International Journal of Psychophysiology, 2010, 75, 133-140.	1.0	31
153	One week of exposure to intermittent hypoxia impairs attentional set-shifting in rats. Behavioural Brain Research, 2010, 210, 123-126.	2.2	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. Behavioural Brain Research, 2010, 214, 180-186.	2.2	8
155	Single-trial coupling of the gamma-band response and the corresponding BOLD signal. NeuroImage, 2010, 49, 2238-2247.	4.2	83
156	Biomarkers for Identifying First-Episode Schizophrenia Patients Using Diffusion Weighted Imaging. Lecture Notes in Computer Science, 2010, 13, 657-665.	1.3	13
157	Correction for Whitfield-Gabrieli et al., Hyperactivity and hyperconnectivity of the default network in schizophrenia and in first-degree relatives of persons with schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4572-4572.	7.1	7
158	Neurobiology of Rapid Eye Movement and Nonâ€"Rapid Eye Movement Sleep. , 2009, , 29-58.		1
159	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 2009, 35, 82-95.	4.3	117
160	Left auditory cortex gamma synchronization and auditory hallucination symptoms in schizophrenia. BMC Neuroscience, 2009, 10, 85.	1.9	219
161	Sleep deprivation increases A1 adenosine receptor density in the rat brain. Brain Research, 2009, 1258, 53-58.	2.2	67
162	Thalamoâ€frontal white matter alterations in chronic schizophrenia. Human Brain Mapping, 2009, 30, 3812-3825.	3.6	83

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163	Relationship Between White Matter Integrity, Attention, and Memory in Schizophrenia: A Diffusion Tensor Imaging Study. Brain Imaging and Behavior, 2009, 3, 191-201.	2.1	32
164	Abnormal Asymmetry of the Face N170 Repetition Effect in Male Patients with Chronic Schizophrenia. Brain Imaging and Behavior, 2009, 3, 240-245.	2.1	15
165	Experimental sleep fragmentation impairs spatial reference but not working memory in Fischer/Brown Norway rats. Journal of Sleep Research, 2009, 18, 238-244.	3.2	29
166	c-Fos protein expression is increased in cholinergic neurons of the rodent basal forebrain during spontaneous and induced wakefulness. Brain Research Bulletin, 2009, 80, 382-388.	3.0	22
167	Experimental sleep fragmentation and sleep deprivation in rats increases exploration in an open field test of anxiety while increasing plasma corticosterone levels. Behavioural Brain Research, 2009, 197, 450-453.	2.2	90
168	Abnormal pitch mismatch negativity in individuals with schizotypal personality disorder. Schizophrenia Research, 2009, 110, 188-193.	2.0	28
169	Diffusion tractography of the fornix in schizophrenia. Schizophrenia Research, 2009, 107, 39-46.	2.0	86
170	Shape abnormalities of caudate nucleus in schizotypal personality disorder. Schizophrenia Research, 2009, 110, 127-139.	2.0	32
171	Increased diffusivity in superior temporal gyrus in patients with schizophrenia: A Diffusion Tensor Imaging study. Schizophrenia Research, 2009, 108, 33-40.	2.0	66
172	Uncinate fasciculus abnormalities in recent onset schizophrenia and affective psychosis: A diffusion tensor imaging study. Schizophrenia Research, 2009, 110, 119-126.	2.0	61
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