

Brian J Roach

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

4,122
citations

94433

37
h-index

128289

60
g-index

90
all docs

90
docs citations

90
times ranked

4222
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalamic dysconnectivity in the psychosis risk syndrome and early illness schizophrenia. <i>Psychological Medicine</i> , 2022, 52, 2767-2775.	4.5	12
2	Ruminative reflection is associated with anticorrelations between the orbitofrontal cortex and the default mode network in depression: implications for repetitive transcranial magnetic stimulation. <i>Brain Imaging and Behavior</i> , 2022, 16, 1186-1195.	2.1	7
3	Validation of ketamine as a pharmacological model of thalamic dysconnectivity across the illness course of schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 2448-2456.	7.9	15
4	Mismatch Negativity in Response to Auditory Deviance and Risk for Future Psychosis in Youth at Clinical High Risk for Psychosis. <i>JAMA Psychiatry</i> , 2022, 79, 780.	11.0	21
5	Theta Phase Synchrony Is Sensitive to Corollary Discharge Abnormalities in Early Illness Schizophrenia but Not in the Psychosis Risk Syndrome. <i>Schizophrenia Bulletin</i> , 2021, 47, 415-423.	4.3	14
6	Forecasting Remission From the Psychosis Risk Syndrome With Mismatch Negativity and P300: Potentials and Pitfalls. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 178-187.	1.5	7
7	Abnormally Large Baseline P300 Amplitude Is Associated With Conversion to Psychosis in Clinical High Risk Individuals With a History of Autism: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 591127.	2.6	10
8	Visual cortical plasticity and the risk for psychosis: An interim analysis of the North American Prodrome Longitudinal Study. <i>Schizophrenia Research</i> , 2021, 230, 26-37.	2.0	4
9	Vocalizing and singing reveal complex patterns of corollary discharge function in schizophrenia. <i>International Journal of Psychophysiology</i> , 2021, 164, 30-40.	1.0	3
10	Response to targeted cognitive training may be neuroprotective in patients with early schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2021, 312, 111285.	1.8	9
11	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	11.0	74
12	Aperiodic measures of neural excitability are associated with anticorrelated hemodynamic networks at rest: A combined EEG-fMRI study. <i>NeuroImage</i> , 2021, 245, 118705.	4.2	23
13	From Sound Perception to Automatic Detection of Schizophrenia: An EEG-Based Deep Learning Approach. <i>Frontiers in Psychiatry</i> , 2021, 12, 813460.	2.6	14
14	Oxytocin Enhances an Amygdala Circuit Associated With Negative Symptoms in Schizophrenia: A Single-Dose, Placebo-Controlled, Crossover, Randomized Control Trial. <i>Schizophrenia Bulletin</i> , 2020, 46, 661-669.	4.3	12
15	Evidence of Slow Neural Processing, Developmental Differences and Sensitivity to Cannabis Effects in a Sample at Clinical High Risk for Psychosis From the NAPLS Consortium Assessed With the Human Startle Paradigm. <i>Frontiers in Psychiatry</i> , 2020, 11, 833.	2.6	4
16	Reliability of mismatch negativity event-related potentials in a multisite, traveling subjects study. <i>Clinical Neurophysiology</i> , 2020, 131, 2899-2909.	1.5	6
17	Reward processing electrophysiology in schizophrenia: Effects of age and illness phase. <i>NeuroImage: Clinical</i> , 2020, 28, 102492.	2.7	10
18	Effects of Transcranial Direct Current Stimulation on Visual Neuroplasticity in Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 382-389.	1.7	6

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19	Stability of mismatch negativity event-related potentials in a multisite study. <i>International Journal of Methods in Psychiatric Research</i> , 2020, 29, e1819.	2.1	10
20	Increased global cognition correlates with increased thalamo-temporal connectivity in response to targeted cognitive training for recent onset schizophrenia. <i>Schizophrenia Research</i> , 2020, 218, 131-137.	2.0	13
21	Deficits in auditory predictive coding in individuals with the psychosis risk syndrome: Prediction of conversion to psychosis. <i>Journal of Abnormal Psychology</i> , 2020, 129, 599-611.	1.9	15
22	Impaired Potentiation of Theta Oscillations During a Visual Cortical Plasticity Paradigm in Individuals With Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 590567.	2.6	16
23	Association Between P300 Responses to Auditory Oddball Stimuli and Clinical Outcomes in the Psychosis Risk Syndrome. <i>JAMA Psychiatry</i> , 2019, 76, 1187.	11.0	59
24	Evaluating visual neuroplasticity with EEG in schizophrenia outpatients. <i>Schizophrenia Research</i> , 2019, 212, 40-46.	2.0	17
25	Aberrant activity in conceptual networks underlies N400 deficits and unusual thoughts in schizophrenia. <i>NeuroImage: Clinical</i> , 2019, 24, 101960.	2.7	7
26	Test-retest reliability of time-frequency measures of auditory steady-state responses in patients with schizophrenia and healthy controls. <i>NeuroImage: Clinical</i> , 2019, 23, 101878.	2.7	31
27	Auditory and Visual Oddball Stimulus Processing Deficits in Schizophrenia and the Psychosis Risk Syndrome: Forecasting Psychosis Risk With P300. <i>Schizophrenia Bulletin</i> , 2019, 45, 1068-1080.	4.3	49
28	Gamma Band Phase Delay in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 131-139.	1.5	18
29	Effects of conflict and strategic processing on neural responses to errors in schizophrenia. <i>Biological Psychology</i> , 2019, 140, 9-18.	2.2	6
30	Parsing components of auditory predictive coding in schizophrenia using a roving standard mismatch negativity paradigm. <i>Psychological Medicine</i> , 2019, 49, 1195-1206.	4.5	24
31	Efference copy/corollary discharge function and targeted cognitive training in patients with schizophrenia. <i>International Journal of Psychophysiology</i> , 2019, 145, 91-98.	1.0	11
32	Deficient auditory predictive coding during vocalization in the psychosis risk syndrome and in early illness schizophrenia: the final expanded sample. <i>Psychological Medicine</i> , 2019, 49, 1897-1904.	4.5	32
33	Should I Stay or Should I Go? fMRI Study of Response Inhibition in Early Illness Schizophrenia and Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2019, 45, 158-168.	4.3	27
34	Deficits in Cortical Suppression During Vocalization are Associated With Structural Abnormalities in the Arcuate Fasciculus in Early Illness Schizophrenia and Clinical High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2018, 44, 1312-1322.	4.3	17
35	Interactive effects of an N-methyl-d-aspartate receptor antagonist and a nicotinic acetylcholine receptor agonist on mismatch negativity: Implications for schizophrenia. <i>Schizophrenia Research</i> , 2018, 191, 87-94.	2.0	26
36	Response to Targeted Cognitive Training Correlates with Change in Thalamic Volume in a Randomized Trial for Early Schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 590-597.	5.4	36

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37	Mismatch Negativity But Not P300 Is Associated With Functional Disability in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 492-504.	4.3	44
38	Role of N-Methyl-D-Aspartate Receptors in Action-Based Predictive Coding Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2017, 81, 514-524.	1.3	40
39	Abnormal Coupling Between Default Mode Network and Delta and Beta Band Brain Electric Activity in Psychotic Patients. <i>Brain Connectivity</i> , 2017, 7, 34-44.	1.7	8
40	Effects of Augmenting N-Methyl-D-Aspartate Receptor Signaling on Working Memory and Experience-Dependent Plasticity in Schizophrenia: An Exploratory Study Using Acute d-cycloserine. <i>Schizophrenia Bulletin</i> , 2017, 43, 1123-1133.	4.3	26
41	Trait aspects of auditory mismatch negativity predict response to auditory training in individuals with early illness schizophrenia. <i>Neuropsychiatric Electrophysiology</i> , 2017, 3, .	4.1	40
42	Reduced Amplitude of Low-Frequency Brain Oscillations in the Psychosis Risk Syndrome and Early Illness Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2388-2398.	5.4	27
43	Using concurrent EEG and fMRI to probe the state of the brain in schizophrenia. <i>NeuroImage: Clinical</i> , 2016, 12, 429-441.	2.7	36
44	Self-initiated actions result in suppressed auditory but amplified visual evoked components in healthy participants. <i>Psychophysiology</i> , 2016, 53, 723-732.	2.4	49
45	Cortical Suppression to Delayed Self-Initiated Auditory Stimuli in Schizotypy. <i>Clinical EEG and Neuroscience</i> , 2016, 47, 3-10.	1.7	36
46	Impaired target detection in schizophrenia and the ventral attentional network: Findings from a joint event-related potential-functional MRI analysis. <i>NeuroImage: Clinical</i> , 2015, 9, 95-102.	2.7	41
47	δ^9 -THC Disrupts Gamma (β^3)-Band Neural Oscillations in Humans. <i>Neuropsychopharmacology</i> , 2015, 40, 2124-2134.	5.4	57
48	Subnormal sensory attenuation to self-generated speech in schizotypy: Electrophysiological evidence for a "continuum of psychosis"™. <i>International Journal of Psychophysiology</i> , 2015, 97, 131-138.	1.0	50
49	Equivalent mismatch negativity deficits across deviant types in early illness schizophrenia-spectrum patients. <i>Biological Psychology</i> , 2015, 105, 130-137.	2.2	41
50	Relating Intrinsic Low-Frequency BOLD Cortical Oscillations to Cognition in Schizophrenia. <i>Neuropsychopharmacology</i> , 2015, 40, 2705-2714.	5.4	68
51	The Psychosis-like Effects of δ^9 -Tetrahydrocannabinol Are Associated With Increased Cortical Noise in Healthy Humans. <i>Biological Psychiatry</i> , 2015, 78, 805-813.	1.3	44
52	Augmenting NMDA receptor signaling boosts experience-dependent neuroplasticity in the adult human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15331-15336.	7.1	59
53	Visual Hallucinations Are Associated With Hyperconnectivity Between the Amygdala and Visual Cortex in People With a Diagnosis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 223-232.	4.3	104
54	EEG Findings of Reduced Neural Synchronization during Visual Integration in Schizophrenia. <i>PLoS ONE</i> , 2015, 10, e0119849.	2.5	18

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55	Effects of Nicotine on the Neurophysiological and Behavioral Effects of Ketamine in Humans. <i>Frontiers in Psychiatry</i> , 2014, 5, 3.	2.6	34
56	Did I Do That? Abnormal Predictive Processes in Schizophrenia When Button Pressing to Deliver a Tone. <i>Schizophrenia Bulletin</i> , 2014, 40, 804-812.	4.3	139
57	Action planning and predictive coding when speaking. <i>NeuroImage</i> , 2014, 91, 91-98.	4.2	68
58	Automatic Auditory Processing Deficits in Schizophrenia and Clinical High-Risk Patients: Forecasting Psychosis Risk with Mismatch Negativity. <i>Biological Psychiatry</i> , 2014, 75, 459-469.	1.3	204
59	Neurophysiological Evidence of Corollary Discharge Function During Vocalization in Psychotic Patients and Their Nonpsychotic First-Degree Relatives. <i>Schizophrenia Bulletin</i> , 2013, 39, 1272-1280.	4.3	54
60	Between-site reliability of startle prepulse inhibition across two early psychosis consortia. <i>NeuroReport</i> , 2013, 24, 626-630.	1.2	6
61	Auditory Cortex Processes Variation in Our Own Speech. <i>PLoS ONE</i> , 2013, 8, e82925.	2.5	40
62	Deficient Suppression of Default Mode Regions during Working Memory in Individuals with Early Psychosis and at Clinical High-Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2013, 4, 92.	2.6	62
63	Early auditory gamma-band responses in patients at clinical high risk for schizophrenia. <i>Supplements To Clinical Neurophysiology</i> , 2013, 62, 147-162.	2.1	34
64	Auditory Cortex Responsiveness During Talking and Listening: Early Illness Schizophrenia and Patients at Clinical High-Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2012, 38, 1216-1224.	4.3	57
65	Dose-Related Modulation of Event-Related Potentials to Novel and Target Stimuli by Intravenous Δ^9 -THC in Humans. <i>Neuropsychopharmacology</i> , 2012, 37, 1632-1646.	5.4	89
66	Error monitoring dysfunction across the illness course of schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 372-387.	1.9	63
67	Glutamatergic Modulation of Auditory Information Processing in the Human Brain. <i>Biological Psychiatry</i> , 2012, 71, 969-977.	1.3	73
68	Impaired Visual Cortical Plasticity in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 512-520.	1.3	118
69	Relationships between pre-stimulus gamma power and subsequent P300 and reaction time breakdown in schizophrenia. <i>International Journal of Psychophysiology</i> , 2011, 79, 16-24.	1.0	40
70	Frontally mediated inhibitory processing and white matter microstructure: age and alcoholism effects. <i>Psychopharmacology</i> , 2011, 213, 669-679.	3.1	73
71	A novel method for quantifying scanner instability in fMRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1053-1061.	3.0	46
72	The Corollary Discharge in Humans Is Related to Synchronous Neural Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2892-2904.	2.3	70

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73	Assessing corollary discharge in humans using noninvasive neurophysiological methods. <i>Nature Protocols</i> , 2010, 5, 1160-1168.	12.0	73
74	Automatic semantic priming abnormalities in schizophrenia. <i>International Journal of Psychophysiology</i> , 2010, 75, 157-166.	1.0	58
75	When it's time for a change: Failures to track context in schizophrenia. <i>International Journal of Psychophysiology</i> , 2010, 78, 3-13.	1.0	38
76	Neurophysiological distinction between schizophrenia and schizoaffective disorder. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 70.	2.0	42
77	Tuning in to the Voices: A Multisite fMRI Study of Auditory Hallucinations. <i>Schizophrenia Bulletin</i> , 2009, 35, 58-66.	4.3	100
78	Error detection failures in schizophrenia: ERPs and FMRI. <i>International Journal of Psychophysiology</i> , 2009, 73, 109-117.	1.0	50
79	The dependence of P300 amplitude on gamma synchrony breaks down in schizophrenia. <i>Brain Research</i> , 2008, 1235, 133-142.	2.2	80
80	Out-of-Synch and Out-of-Sorts: Dysfunction of Motor-Sensory Communication in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 736-743.	1.3	120
81	Event-Related EEG Time-Frequency Analysis: An Overview of Measures and An Analysis of Early Gamma Band Phase Locking in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2008, 34, 907-926.	4.3	494
82	Synch Before You Speak: Auditory Hallucinations in Schizophrenia. <i>American Journal of Psychiatry</i> , 2007, 164, 458-466.	7.2	171
83	Dissecting corollary discharge dysfunction in schizophrenia. <i>Psychophysiology</i> , 2007, 44, 522-529.	2.4	163