

Brian A Coffman

List of Publications by Year in descending order

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67
papers

2,105
citations

394421

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68
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docs citations

68
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2323
citing authors

#	ARTICLE	IF	CITATIONS
1	Actigraphy: Metrics reveal it is not a valid tool for determining sleep in neonates. <i>Journal of Sleep Research</i> , 2022, 31, e13444.	3.2	5
2	TMS Doses Based on Motor Threshold Differ Between DLPFC, OFC, and Motor Cortex: A Case for Electric Field Dosimetry in Clinical Studies. <i>Biological Psychiatry</i> , 2022, 91, S70.	1.3	2
3	P552. Reduced Left Hemisphere A1 MEG MMN Despite "Healthy" Scalp EEG MMN in First Episode Psychosis. <i>Biological Psychiatry</i> , 2022, 91, S312.	1.3	0
4	Aberrant attentional modulation of the auditory steady state response (ASSR) is related to auditory hallucination severity in the first-episode schizophrenia-spectrum. <i>Journal of Psychiatric Research</i> , 2022, 151, 188-196.	3.1	8
5	Load-dependent functional connectivity deficits during visual working memory in first-episode psychosis. <i>Journal of Psychiatric Research</i> , 2022, 153, 174-181.	3.1	4
6	The impact of targeted cathodal transcranial direct current stimulation on reward circuitry and affect in Bipolar Disorder. <i>Molecular Psychiatry</i> , 2021, 26, 4137-4145.	7.9	9
7	Parahippocampal area three gray matter is reduced in first-episode schizophrenia spectrum: Discovery and replication samples. <i>Human Brain Mapping</i> , 2021, 42, 724-736.	3.6	12
8	White Matter Microstructural Abnormalities in the Broca's-Wernicke's-Putamen "Hoffman Hallucination Circuit" and Auditory Transcallosal Fibers in First-Episode Psychosis With Auditory Hallucinations. <i>Schizophrenia Bulletin</i> , 2021, 47, 149-159.	4.3	14
9	Pitch and Duration Mismatch Negativity are Associated With Distinct Auditory Cortex and Inferior Frontal Cortex Volumes in the First-Episode Schizophrenia Spectrum. <i>Schizophrenia Bulletin Open</i> , 2021, 2, sgab005.	1.7	10
10	Deficits in attentional modulation of auditory N100 in first-episode schizophrenia. <i>European Journal of Neuroscience</i> , 2021, 53, 2629-2638.	2.6	8
11	Distinct alterations in resting-state electroencephalogram during eyes closed and eyes open and between morning and evening are present in first-episode psychosis patients. <i>Schizophrenia Research</i> , 2021, 228, 36-42.	2.0	7
12	Fronto-Parietal Network Function During Cued Visual Search in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2021, 89, S331.	1.3	0
13	Auditory Cortex Attentional Gain Modulation is Impaired in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2021, 89, S347.	1.3	0
14	Posterior brain sensorimotor recruitment for inhibition of delayed responses in children. <i>Experimental Brain Research</i> , 2021, 239, 3221-3242.	1.5	0
15	Trait sensation seeking is associated with heightened beta-band oscillatory dynamics over left ventrolateral prefrontal cortex during reward expectancy. <i>Journal of Affective Disorders</i> , 2021, 292, 67-74.	4.1	6
16	Fronto-parietal network function during cued visual search in the first-episode schizophrenia spectrum. <i>Journal of Psychiatric Research</i> , 2021, 141, 339-345.	3.1	7
17	Investigating the brain regions involved in tDCS-Enhanced category learning using finite element modeling. <i>NeuroImage Reports</i> , 2021, 1, 100048.	1.0	2
18	Non-negative Matrix Factorization Reveals Resting-State Cortical Alpha Network Abnormalities in the First-Episode Schizophrenia Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 961-970.	1.5	14

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19	S137. LEFT HEMISPHERE MEG DEFICIT IN PITCH AND DURATION MISMATCH NEGATIVITY IN FIRST EPISODE PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S87-S88.	4.3	0
20	Inefficient visual search strategies in the first-episode schizophrenia spectrum. Schizophrenia Research, 2020, 224, 126-132.	2.0	10
21	Lateralized evoked responses in parietal cortex demonstrate visual short-term memory deficits in first-episode schizophrenia. Journal of Psychiatric Research, 2020, 130, 292-299.	3.1	7
22	Localization of Early-Stage Visual Processing Deficits at Schizophrenia Spectrum Illness Onset Using Magnetoencephalography. Schizophrenia Bulletin, 2020, 46, 955-963.	4.3	13
23	Covariation Between Brain Function (MEG) and Structure (DTI) Differentiates Adolescents with Fetal Alcohol Spectrum Disorder from Typically Developing Controls. Neuroscience, 2020, 449, 74-87.	2.3	6
24	O5.3. IMPAIRED LEFT TEMPORAL-PARIETAL JUNCTION FMRI ACTIVITY DURING CATEGORY FLUENCY IN FIRST-EPISODE PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S11-S12.	4.3	0
25	Reduced Dorsal Visual Oscillatory Activity During Working Memory Maintenance in the First-Episode Schizophrenia Spectrum. Frontiers in Psychiatry, 2020, 11, 743.	2.6	6
26	Hyperactive Left TPJ Activity During Category Fluency in First-Episode Psychosis. Biological Psychiatry, 2020, 87, S295.	1.3	0
27	Reductions in Complex Mismatch Negativity to Extra Tone Gestalt Pattern Deviance in First-Episode Schizophrenia. Frontiers in Psychiatry, 2020, 11, 505.	2.6	6
28	Mismatch Negativity and Impaired Social Functioning in Long-Term and in First Episode Schizophrenia Spectrum Psychosis. Frontiers in Psychiatry, 2020, 11, 544.	2.6	13
29	tDCS and Cognitive Training for Treatment of Schizophrenia Symptoms. Biological Psychiatry, 2020, 87, S128-S129.	1.3	0
30	Unisensory and Multisensory Responses in Fetal Alcohol Spectrum Disorders (FASD): Effects of Spatial Congruence. Neuroscience, 2020, 430, 34-46.	2.3	10
31	Pitch and Duration Mismatch Negativity and Heschl's Gyrus Volume in First-Episode Schizophrenia-Spectrum Individuals. Clinical EEG and Neuroscience, 2020, 51, 359-364.	1.7	13
32	T92. HIPPOCAMPAL GRAY MATTER VOLUME IS ASSOCIATED WITH COGNITION, POSITIVE SYMPTOMS, AND DURATION OF UNTREATED PSYCHOSIS IN THE FIRST EPISODE SCHIZOPHRENIA SPECTRUM. Schizophrenia Bulletin, 2019, 45, S239-S240.	4.3	0
33	O8.5. CORTICAL LOCALIZATION OF SELECTIVE ATTENTION DEFICITS FOLLOWING FIRST PSYCHOTIC EPISODE. Schizophrenia Bulletin, 2019, 45, S184-S185.	4.3	0
34	Normal categorical perception to syllable-like stimuli in long term and in first episode schizophrenia. Schizophrenia Research, 2019, 208, 124-132.	2.0	1
35	S169. Effect of Attention on N100 in First Episode Psychosis. Biological Psychiatry, 2019, 85, S362-S363.	1.3	0
36	Reduced late mismatch negativity and auditory sustained potential to rule-based patterns in schizophrenia. European Journal of Neuroscience, 2019, 49, 275-289.	2.6	4

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37	Modulating affective experience and emotional intelligence with loving kindness meditation and transcranial direct current stimulation: A pilot study. <i>Social Neuroscience</i> , 2019, 14, 10-25.	1.3	8
38	T250. Schizophrenia Treatment With Single-Session tDCS and Cognitive Remediation Training: Preliminary Findings. <i>Biological Psychiatry</i> , 2018, 83, S226.	1.3	0
39	Complex mismatch negativity to tone pair deviants in long-term schizophrenia and in the first-episode schizophrenia spectrum. <i>Schizophrenia Research</i> , 2018, 191, 18-24.	2.0	20
40	Reduced auditory segmentation potentials in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2018, 195, 421-427.	2.0	5
41	Mindfulness-based training with transcranial direct current stimulation modulates neuronal resource allocation in working memory: A randomized pilot study with a nonequivalent control group. <i>Heliyon</i> , 2018, 4, e00685.	3.2	20
42	T237. Parahippocampal Gray Matter Thickness, Verbal Fluency, and Auditory Hallucinations in the First Episode Schizophrenia Spectrum. <i>Biological Psychiatry</i> , 2018, 83, S220-S221.	1.3	0
43	Mismatch Negativity in First-Episode Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2017, 48, 3-10.	1.7	100
44	Does Neurotechnology Produce a Better Brain?. <i>Computer</i> , 2017, 50, 48-58.	1.1	53
45	Impairment in Mismatch Negativity but not Repetition Suppression in Schizophrenia. <i>Brain Topography</i> , 2017, 30, 521-530.	1.8	27
46	Altered Neural Oscillations During Multisensory Integration in Adolescents with Fetal Alcohol Spectrum Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2173-2184.	2.4	9
47	Mismatch negativity to pitch pattern deviants in schizophrenia. <i>European Journal of Neuroscience</i> , 2017, 46, 2229-2239.	2.6	15
48	Transcranial Direct Current Stimulation Modulates Neuronal Activity and Learning in Pilot Training. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 34.	2.0	80
49	Enhanced working memory performance via transcranial direct current stimulation: The possibility of near and far transfer. <i>Neuropsychologia</i> , 2016, 93, 85-96.	1.6	53
50	Event-related potentials demonstrate deficits in acoustic segmentation in schizophrenia. <i>Schizophrenia Research</i> , 2016, 173, 109-115.	2.0	9
51	Abnormal auditory pattern perception in schizophrenia. <i>Schizophrenia Research</i> , 2016, 176, 473-479.	2.0	22
52	Granger causal time-dependent source connectivity in the somatosensory network. <i>Scientific Reports</i> , 2015, 5, 10399.	3.3	28
53	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. <i>Brain Research</i> , 2015, 1594, 92-107.	2.2	108
54	Multisensory stimuli elicit altered oscillatory brain responses at gamma frequencies in patients with schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 788.	2.0	12

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55	An Evolutionary Perspective on Attentional Processes. , 2014, , 207-215.		1
56	Battery powered thought: Enhancement of attention, learning, and memory in healthy adults using transcranial direct current stimulation. <i>NeuroImage</i> , 2014, 85, 895-908.	4.2	378
57	Primary visual response (M100) delays in adolescents with FASD as measured with MEG. <i>Human Brain Mapping</i> , 2013, 34, 2852-2862.	3.6	32
58	Using joint ICA to link function and structure using MEG and DTI in schizophrenia. <i>NeuroImage</i> , 2013, 83, 418-430.	4.2	47
59	Tracking the neuroplastic changes associated with transcranial direct current stimulation: a push for multimodal imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 495.	2.0	44
60	Differences in MEG gamma oscillatory power during performance of a prosaccade task in adolescents with FASD. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 900.	2.0	16
61	Delays in Auditory Processing Identified in Preschool Children with <scp>FASD</scp>. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1720-1727.	2.4	61
62	Enhancement of object detection with transcranial direct current stimulation is associated with increased attention. <i>BMC Neuroscience</i> , 2012, 13, 108.	1.9	117
63	TDCS guided using fMRI significantly accelerates learning to identify concealed objects. <i>NeuroImage</i> , 2012, 59, 117-128.	4.2	209
64	Transcranial Direct Current Stimulation Augments Perceptual Sensitivity and 24-Hour Retention in a Complex Threat Detection Task. <i>PLoS ONE</i> , 2012, 7, e34993.	2.5	80
65	Impact of tDCS on performance and learning of target detection: Interaction with stimulus characteristics and experimental design. <i>Neuropsychologia</i> , 2012, 50, 1594-1602.	1.6	51
66	Transcranial direct current stimulation (tDCS) produces localized and specific alterations in neurochemistry: A 1H magnetic resonance spectroscopy study. <i>Neuroscience Letters</i> , 2011, 500, 67-71.	2.1	255
67	Transcranial direct current stimulation's effect on novice versus experienced learning. <i>Experimental Brain Research</i> , 2011, 213, 9-14.	1.5	48