Desmond J Oathes

List of Publications by Year
in descending order

37 papers	5,438 citations	257450 24 h-index	361022 35 g-index

42 all docs	42 docs citations	42 times ranked	8063 citing authors

#	Article	IF	Citations
1	Proof of concept study to develop a novel connectivity-based electric-field modelling approach for individualized targeting of transcranial magnetic stimulation treatment. Neuropsychopharmacology, 2022, 47, 588-598.	5.4	13
2	A dynamic graph convolutional neural network framework reveals new insights into connectome dysfunctions in ADHD. NeuroImage, 2022, 246, 118774.	4.2	52
3	Causal role of the right temporoparietal junction in selfishness depends on the social partner. Social Cognitive and Affective Neuroscience, 2022, 17, 541-548.	3.0	7
4	Cortical-subcortical structural connections support transcranial magnetic stimulation engagement of the amygdala. Science Advances, 2022, 8, .	10.3	31
5	Amygdala and Insula Connectivity Changes Following Psychotherapy for Posttraumatic Stress Disorder: A Randomized Clinical Trial. Biological Psychiatry, 2021, 89, 857-867.	1.3	28
6	Combining transcranial magnetic stimulation with functional magnetic resonance imaging for probing and modulating neural circuits relevant to affective disorders. Wiley Interdisciplinary Reviews: Cognitive Science, 2021, 12, e1553.	2.8	22
7	Resting fMRI-guided TMS results in subcortical and brain network modulation indexed by interleaved TMS/fMRI. Experimental Brain Research, 2021, 239, 1165-1178.	1.5	39
8	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. Molecular Psychiatry, 2021, 26, 2764-2775.	7.9	21
9	Development of structureâ€“function coupling in human brain networks during youth. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 771-778.	7.1	296
10	Individual Variation in Functional Topography of Association Networks in Youth. Neuron, 2020, 106, 340-353.e8.	8.1	162
11	Leveraging multi-shell diffusion for studies of brain development in youth and young adulthood. Developmental Cognitive Neuroscience, 2020, 43, 100788.	4.0	65
12	Optimization of energy state transition trajectory supports the development of executive function during youth. ELife, 2020, 9, .	6.0	47
13	Childhood trauma history is linked to abnormal brain connectivity in major depression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8582-8590.	7.1	151
14	Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder. Science Translational Medicine, 2019, 11, .	12.4	65
15	Cognitive Behavioral Therapy Is Associated With Enhanced Cognitive Control Network Activity in Major Depression and Posttraumatic Stress Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 311-319.	1.5	35
16	Network changes associated with transdiagnostic depressive symptom improvement following cognitive behavioral therapy in MDD and PTSD. Molecular Psychiatry, 2018, 23, 2314-2323.	7.9	30
17	350. Cognitive Behavioral Therapy Improves Fronto-Parietal Network Neuroplasticity across Major Depression and PTSD: Evidence from Longitudinal fMRI Studies of Functional Connectivity. Biological Psychiatry, 2017, 81, S143-S144.	1.3	0
18	Resting-state connectivity biomarkers define neurophysiological subtypes of depression. Nature Medicine, 2017, 23, 28-38.	30.7	1,554

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19	PTSD Psychotherapy Outcome Predicted by Brain Activation During Emotional Reactivity and Regulation. American Journal of Psychiatry, 2017, 174, 1163-1174.	7.2	119
20	Selective Effects of Psychotherapy on Frontopolar Cortical Function in PTSD. American Journal of Psychiatry, 2017, 174, 1175-1184.	7.2	67
21	585. The Effects of Psychotherapy on Amygdalar Subregional Functional Connectivity in PTSD. Biological Psychiatry, 2017, 81, S236-S237.	1.3	0
22	Perturbed connectivity of the amygdala and its subregions with the central executive and default mode networks in chronic pain. Pain, 2016, 157, 1970-1978.	4.2	85
23	Affective Neural Responses Modulated by Serotonin Transporter Genotype in Clinical Anxiety and Depression. PLoS ONE, 2015, 10, e0115820.	2.5	17
24	Identification of a Common Neurobiological Substrate for Mental Illness. JAMA Psychiatry, 2015, 72, 305.	11.0	1,050
25	Neurobiological Signatures of Anxiety and Depression in Resting-State Functional Magnetic Resonance Imaging. Biological Psychiatry, 2015, 77, 385-393.	1.3	130
26	Causal interactions between fronto-parietal central executive and default-mode networks in humans. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19944-19949.	7.1	466
27	Dissecting the Anticipation of Aversion Reveals Dissociable Neural Networks. Cerebral Cortex, 2013, 23, 1874-1883.	2.9	107
28	Reduced Structural Connectivity of a Major Frontolimbic Pathway in Generalized Anxiety Disorder. Archives of General Psychiatry, 2012, 69, 925.	12.3	154
29	Chronic worry and the temporal dynamics of emotional processing.. Emotion, 2011, 11, 101-114.	1.8	22
30	The Impact of Worry on Attention to Threat. PLoS ONE, 2010, 5, e13411.	2.5	19
31	Anticipatory Activation in the Amygdala and Anterior Cingulate in Generalized Anxiety Disorder and Prediction of Treatment Response. American Journal of Psychiatry, 2009, 166, 302-310.	7.2	317
32	Worry facilitates corticospinal motor response to transcranial magnetic stimulation. Depression and Anxiety, 2008, 25, 969-976.	4.1	31
33	Worry, generalized anxiety disorder, and emotion: Evidence from the EEG gamma band. Biological Psychology, 2008, 79, 165-170.	2.2	118
34	State of the union between cognitive neuroscience and emotion. Expert Review of Neurotherapeutics, 2008, 8, 1025-1027.	2.8	0
35	Dissociative tendencies and facilitated emotional processing.. Emotion, 2008, 8, 653-661.	1.8	38
36	Depressed mood, index finger force and motor cortex stimulation: A transcranial magnetic stimulation (TMS) study. Biological Psychology, 2006, 72, 271-277.	2.2	11

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37	Brain Imaging Techniques. International Journal of Clinical and Experimental Hypnosis, 2003, 51, 97-104.	1.8	10