

# Desmond J Oathes

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Resting-state connectivity biomarkers define neurophysiological subtypes of depression. <i>Nature Medicine</i> , 2017, 23, 28-38.	30.7	1,554
2	Identification of a Common Neurobiological Substrate for Mental Illness. <i>JAMA Psychiatry</i> , 2015, 72, 305.	11.0	1,050
3	Causal interactions between fronto-parietal central executive and default-mode networks in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19944-19949.	7.1	466
4	Anticipatory Activation in the Amygdala and Anterior Cingulate in Generalized Anxiety Disorder and Prediction of Treatment Response. <i>American Journal of Psychiatry</i> , 2009, 166, 302-310.	7.2	317
5	Development of structure–function coupling in human brain networks during youth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 771-778.	7.1	296
6	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	8.1	162
7	Reduced Structural Connectivity of a Major Frontolimbic Pathway in Generalized Anxiety Disorder. <i>Archives of General Psychiatry</i> , 2012, 69, 925.	12.3	154
8	Childhood trauma history is linked to abnormal brain connectivity in major depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8582-8590.	7.1	151
9	Neurobiological Signatures of Anxiety and Depression in Resting-State Functional Magnetic Resonance Imaging. <i>Biological Psychiatry</i> , 2015, 77, 385-393.	1.3	130
10	PTSD Psychotherapy Outcome Predicted by Brain Activation During Emotional Reactivity and Regulation. <i>American Journal of Psychiatry</i> , 2017, 174, 1163-1174.	7.2	119
11	Worry, generalized anxiety disorder, and emotion: Evidence from the EEG gamma band. <i>Biological Psychology</i> , 2008, 79, 165-170.	2.2	118
12	Dissecting the Anticipation of Aversion Reveals Dissociable Neural Networks. <i>Cerebral Cortex</i> , 2013, 23, 1874-1883.	2.9	107
13	Perturbed connectivity of the amygdala and its subregions with the central executive and default mode networks in chronic pain. <i>Pain</i> , 2016, 157, 1970-1978.	4.2	85
14	Selective Effects of Psychotherapy on Frontopolar Cortical Function in PTSD. <i>American Journal of Psychiatry</i> , 2017, 174, 1175-1184.	7.2	67
15	Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	65
16	Leveraging multi-shell diffusion for studies of brain development in youth and young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2020, 43, 100788.	4.0	65
17	A dynamic graph convolutional neural network framework reveals new insights into connectome dysfunctions in ADHD. <i>NeuroImage</i> , 2022, 246, 118774.	4.2	52
18	Optimization of energy state transition trajectory supports the development of executive function during youth. <i>ELife</i> , 2020, 9, .	6.0	47

#	ARTICLE	IF	CITATIONS
19	Resting fMRI-guided TMS results in subcortical and brain network modulation indexed by interleaved TMS/fMRI. <i>Experimental Brain Research</i> , 2021, 239, 1165-1178.	1.5	39
20	Dissociative tendencies and facilitated emotional processing.. <i>Emotion</i> , 2008, 8, 653-661.	1.8	38
21	Cognitive Behavioral Therapy Is Associated With Enhanced Cognitive Control Network Activity in Major Depression and Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 311-319.	1.5	35
22	Worry facilitates corticospinal motor response to transcranial magnetic stimulation. <i>Depression and Anxiety</i> , 2008, 25, 969-976.	4.1	31
23	Cortical-subcortical structural connections support transcranial magnetic stimulation engagement of the amygdala. <i>Science Advances</i> , 2022, 8, .	10.3	31
24	Network changes associated with transdiagnostic depressive symptom improvement following cognitive behavioral therapy in MDD and PTSD. <i>Molecular Psychiatry</i> , 2018, 23, 2314-2323.	7.9	30
25	Amygdala and Insula Connectivity Changes Following Psychotherapy for Posttraumatic Stress Disorder: A Randomized Clinical Trial. <i>Biological Psychiatry</i> , 2021, 89, 857-867.	1.3	28
26	Chronic worry and the temporal dynamics of emotional processing.. <i>Emotion</i> , 2011, 11, 101-114.	1.8	22
27	Combining transcranial magnetic stimulation with functional magnetic resonance imaging for probing and modulating neural circuits relevant to affective disorders. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2021, 12, e1553.	2.8	22
28	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. <i>Molecular Psychiatry</i> , 2021, 26, 2764-2775.	7.9	21
29	The Impact of Worry on Attention to Threat. <i>PLoS ONE</i> , 2010, 5, e13411.	2.5	19
30	Affective Neural Responses Modulated by Serotonin Transporter Genotype in Clinical Anxiety and Depression. <i>PLoS ONE</i> , 2015, 10, e0115820.	2.5	17
31	Proof of concept study to develop a novel connectivity-based electric-field modelling approach for individualized targeting of transcranial magnetic stimulation treatment. <i>Neuropsychopharmacology</i> , 2022, 47, 588-598.	5.4	13
32	Depressed mood, index finger force and motor cortex stimulation: A transcranial magnetic stimulation (TMS) study. <i>Biological Psychology</i> , 2006, 72, 271-277.	2.2	11
33	Brain Imaging Techniques. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2003, 51, 97-104.	1.8	10
34	Causal role of the right temporoparietal junction in selfishness depends on the social partner. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 541-548.	3.0	7
35	State of the union between cognitive neuroscience and emotion. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 1025-1027.	2.8	0
36	350. Cognitive Behavioral Therapy Improves Fronto-Parietal Network Neuroplasticity across Major Depression and PTSD: Evidence from Longitudinal fMRI Studies of Functional Connectivity. <i>Biological Psychiatry</i> , 2017, 81, S143-S144.	1.3	0

#	ARTICLE	IF	CITATIONS
37	585. The Effects of Psychotherapy on Amygdalar Subregional Functional Connectivity in PTSD. Biological Psychiatry, 2017, 81, S236-S237.	1.3	0