

Jessica R Gilbert

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

468
citations

840776

11
h-index

752698

20
g-index

34
all docs

34
docs citations

34
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketamine and Serotonergic Psychedelics: Common Mechanisms Underlying the Effects of Rapid-Acting Antidepressants. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 8-21.	2.1	58
2	Glutamatergic Signaling Drives Ketamine-Mediated Response in Depression: Evidence from Dynamic Causal Modeling. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 740-747.	2.1	48
3	Ketamine metabolites, clinical response, and gamma power in a randomized, placebo-controlled, crossover trial for treatment-resistant major depression. <i>Neuropsychopharmacology</i> , 2020, 45, 1398-1404.	5.4	47
4	Object repetition leads to local increases in the temporal coordination of neural responses. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 30.	2.0	43
5	Electrophysiological biomarkers of antidepressant response to ketamine in treatment-resistant depression: Gamma power and long-term potentiation. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172856.	2.9	43
6	Synaptic potentiation and rapid antidepressant response to ketamine in treatment-resistant major depression: A replication study. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 64-66.	1.8	34
7	Profiling neuronal ion channelopathies with non-invasive brain imaging and dynamic causal models: Case studies of single gene mutations. <i>NeuroImage</i> , 2016, 124, 43-53.	4.2	33
8	New Methods for Assessing Rapid Changes in Suicide Risk. <i>Frontiers in Psychiatry</i> , 2021, 12, 598434.	2.6	31
9	Inputs to prefrontal cortex support visual recognition in the aging brain. <i>Scientific Reports</i> , 2016, 6, 31943.	3.3	22
10	Multilayer MEG functional connectivity as a potential marker for suicidal thoughts in major depressive disorder. <i>NeuroImage: Clinical</i> , 2020, 28, 102378.	2.7	15
11	The Effect of Ketamine on Electrophysiological Connectivity in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 519.	2.6	15
12	Magnetoencephalographic Correlates of Suicidal Ideation in Major Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 354-363.	1.5	12
13	Network Changes in Insula and Amygdala Connectivity Accompany Implicit Suicidal Associations. <i>Frontiers in Psychiatry</i> , 2020, 11, 577628.	2.6	10
14	Ketamine and Attentional Bias Toward Emotional Faces: Dynamic Causal Modeling of Magnetoencephalographic Connectivity in Treatment-Resistant Depression. <i>Frontiers in Psychiatry</i> , 2021, 12, 673159.	2.6	9
15	Early sensory cortex is activated in the absence of explicit input during crossmodal item retrieval: Evidence from MEG. <i>Behavioural Brain Research</i> , 2013, 238, 265-272.	2.2	7
16	Ketamine Alters Electrophysiological Responses to Emotional Faces in Major Depressive Disorder. <i>Journal of Affective Disorders</i> , 2021, 279, 239-249.	4.1	7
17	A Predictive Coding Framework for Understanding Major Depression. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 787495.	2.0	7
18	Fine-tuning neural excitation/inhibition for tailored ketamine use in treatment-resistant depression. <i>Translational Psychiatry</i> , 2021, 11, 335.	4.8	6

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19	Lateralized memory circuit dropout in Alzheimer's disease patients. <i>Brain Communications</i> , 2020, 2, fcaa212.	3.3	6
20	A Peak-Clustering Method for MEG Group Analysis to Minimise Artefacts Due to Smoothness. <i>PLoS ONE</i> , 2012, 7, e45084.	2.5	4
21	The Right Hemisphere Is Responsible for the Greatest Differences in Human Brain Response to High-Arousing Emotional versus Neutral Stimuli: A MEG Study. <i>Brain Sciences</i> , 2021, 11, 960.	2.3	3
22	Magnetoencephalography biomarkers of suicide attempt history and antidepressant response to ketamine in treatment-resistant major depression. <i>Journal of Affective Disorders</i> , 2022, 312, 188-197.	4.1	3
23	Assessing crossmodal matching of abstract auditory and visual stimuli in posterior superior temporal sulcus with MEG. <i>Brain and Cognition</i> , 2013, 82, 161-170.	1.8	1
24	T139. Ketamine and Attentional Bias to Threat: MEG Correlates of Stimulus-Evoked Gamma-Band Response. <i>Biological Psychiatry</i> , 2018, 83, S182.	1.3	0
25	F147. Resting State Oscillatory Power and Risk of Suicide in Depressed Patients. <i>Biological Psychiatry</i> , 2018, 83, S295.	1.3	0
26	F118. Ketamine and Attentional Bias to Threat: Dynamic Causal Modeling of AMPA and NMDA Connectivity Estimates From Magnetoencephalography. <i>Biological Psychiatry</i> , 2019, 85, S259.	1.3	0
27	F125. Magnetoencephalography of the Suicide Implicit Association Task. <i>Biological Psychiatry</i> , 2019, 85, S261-S262.	1.3	0
28	Using Mnemonic Similarity Task to Assess Medial Temporal Lobe Function: A Magnetoencephalography Study. <i>Biological Psychiatry</i> , 2020, 87, S237-S238.	1.3	0
29	Electrophysiological Correlates of the Monetary Incentive Delay Task in Mood Disorders. <i>Biological Psychiatry</i> , 2020, 87, S282.	1.3	0
30	Electrophysiological Correlates of the Suicide Implicit Association Task. <i>Biological Psychiatry</i> , 2020, 87, S169.	1.3	0
31	Biologically plausible models of neural dynamics for rapid-acting antidepressant interventions. <i>Neuropsychopharmacology</i> , 2021, 46, 231-232.	5.4	0
32	Mood Induction Paradigm in a Depressed Patient Sample Using Magnetoencephalography. <i>Biological Psychiatry</i> , 2020, 87, S416.	1.3	0