

Xiangling Mao

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,359
citations

361045

20
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2499
citing authors

#	ARTICLE	IF	CITATIONS
1	GABA level, gamma oscillation, and working memory performance in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 4, 531-539.	1.4	151
2	Elevated prefrontal cortex GABA in patients with major depressive disorder after TMS treatment measured with proton magnetic resonance spectroscopy. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, E37-E45.	1.4	109
3	Circulating markers of NADH-reductive stress correlate with mitochondrial disease severity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	95
4	The Nucleus Accumbens and Ketamine Treatment in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 1739-1746.	2.8	94
5	Increased ventricular lactate in chronic fatigue syndrome measured by ¹ H MRS imaging at 3.0 T. II: comparison with major depressive disorder. <i>NMR in Biomedicine</i> , 2010, 23, 643-650.	1.6	68
6	Imaging Glutamate Homeostasis in Cocaine Addiction with the Metabotropic Glutamate Receptor 5 Positron Emission Tomography Radiotracer [11C]ABP688 and Magnetic Resonance Spectroscopy. <i>Biological Psychiatry</i> , 2014, 75, 165-171.	0.7	66
7	Cortico-Striatal GABAergic and Glutamatergic Dysregulations in Subjects at Ultra-High Risk for Psychosis Investigated with Proton Magnetic Resonance Spectroscopy. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv105.	1.0	66
8	Prefrontal and Striatal Gamma-Aminobutyric Acid Levels and the Effect of Antipsychotic Treatment in First-Episode Psychosis Patients. <i>Biological Psychiatry</i> , 2018, 83, 475-483.	0.7	66
9	Brain ¹ -aminobutyric acid (GABA) detection <i>in vivo</i> with the ¹ J ¹ -editing ¹ H MRS technique: a comprehensive methodological evaluation of sensitivity enhancement, macromolecule contamination and test-retest reliability. <i>NMR in Biomedicine</i> , 2016, 29, 932-942.	1.6	65
10	Protean Phenotypic Features of the A3243G Mitochondrial DNA Mutation. <i>Archives of Neurology</i> , 2009, 66, 85-91.	4.9	53
11	Prefrontal cortical GABA abnormalities are associated with reduced hippocampal volume in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2015, 25, 1082-1090.	0.3	52
12	Relationships among Cortical Glutathione Levels, Brain Amyloidosis, and Memory in Healthy Older Adults Investigated In Vivo with ¹ H-MRS and Pittsburgh Compound-B PET. <i>American Journal of Neuroradiology</i> , 2017, 38, 1130-1137.	1.2	46
13	Riluzole, a glutamate modulator, slows cerebral glucose metabolism decline in patients with Alzheimer's disease. <i>Brain</i> , 2021, 144, 3742-3755.	3.7	46
14	In vivo effects of ketamine on glutamate-glutamine and gamma-aminobutyric acid in obsessive-compulsive disorder: Proof of concept. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 141-147.	0.9	43
15	Assessment of Relationship of Ketamine Dose With Magnetic Resonance Spectroscopy of Glx and GABA Responses in Adults With Major Depression. <i>JAMA Network Open</i> , 2020, 3, e2013211.	2.8	37
16	A pilot study of cortical glutathione in youth with depression. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 54-60.	0.9	36
17	A pilot study of minocycline for the treatment of bipolar depression: Effects on cortical glutathione and oxidative stress <i>in vivo</i> . <i>Journal of Affective Disorders</i> , 2018, 230, 56-64.	2.0	36
18	Plasma metabolomics reveals disrupted response and recovery following maximal exercise in myalgic encephalomyelitis/chronic fatigue syndrome. <i>JCI Insight</i> , 2022, 7, .	2.3	24

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19	Elevations of ventricular lactate levels occur in both chronic fatigue syndrome and fibromyalgia. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2017, 5, 15-20.	1.2	22
20	Reduced hippocampal N-acetyl-aspartate (NAA) as a biomarker for overweight. <i>NeuroImage: Clinical</i> , 2014, 4, 326-335.	1.4	21
21	Effects of acute N-acetylcysteine challenge on cortical glutathione and glutamate in schizophrenia: A pilot in vivo proton magnetic resonance spectroscopy study. <i>Psychiatry Research</i> , 2019, 275, 78-85.	1.7	21
22	Sex differences in cerebral energy metabolism in Parkinson's disease: A phosphorus magnetic resonance spectroscopic imaging study. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 545-548.	1.1	20
23	Decreased Anterior Cingulate Cortex $\hat{1}^3$ -Aminobutyric Acid in Youth With Tourette's Disorder. <i>Pediatric Neurology</i> , 2016, 65, 64-70.	1.0	19
24	Assessment of glutamate in striatal subregions in obsessive-compulsive disorder with proton magnetic resonance spectroscopy. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 65-70.	0.9	16
25	Effect of Milnacipran Treatment on Ventricular Lactate in Fibromyalgia: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Pain</i> , 2015, 16, 1211-1219.	0.7	16
26	<scp>d</scp>-Cycloserine, an NMDA Glutamate Receptor Glycine Site Partial Agonist, Induces Acute Increases in Brain Glutamate Plus Glutamine and GABA Comparable to Ketamine. <i>American Journal of Psychiatry</i> , 2016, 173, 1241-1242.	4.0	15
27	Impact of childhood emotional abuse on neocortical neurometabolites and complex emotional processing in patients with generalized anxiety disorder. <i>Journal of Affective Disorders</i> , 2016, 190, 414-423.	2.0	15
28	Multimodal and simultaneous assessments of brain and spinal fluid abnormalities in chronic fatigue syndrome and the effects of psychiatric comorbidity. <i>Journal of the Neurological Sciences</i> , 2017, 375, 411-416.	0.3	13
29	Dorsolateral prefrontal cortex GABA deficit in older adults with sleep-disordered breathing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10250-10255.	3.3	12
30	Striatal Glutathione in First-episode Psychosis Patients Measured In Vivo with Proton Magnetic Resonance Spectroscopy. <i>Archives of Medical Research</i> , 2019, 50, 207-213.	1.5	11
31	Long-range gamma phase synchronization as a compensatory strategy during working memory in high-performing patients with schizophrenia. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 663-681.	0.8	5
32	3.3 DISTURBANCES IN NEURAL OSCILLATIONS, GLUTAMATE, AND GABA: EFFECTS OF KETAMINE AND COMPARISON TO SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018, 44, S2-S2.	2.3	0
33	T165. ANTI-GLUTAMATERGIC PROPERTY OF N-ACETYLCYSTEINE DOCUMENTED IN VIVO WITH 1H MRS. <i>Schizophrenia Bulletin</i> , 2020, 46, S294-S294.	2.3	0
34	Abstract 191: Selective Frontal Lobe Metabolic Dysfunction After Sub-arachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, .	1.0	0