

Michael J Mccarthy

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,414
citations

218381

26
h-index

155451

55
g-index

74
all docs

74
docs citations

74
times ranked

5093
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. <i>Nature</i> , 2015, 527, 95-99.	13.7	461
2	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. <i>Lancet</i> , 2016, 387, 1085-1093.	6.3	306
3	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. <i>Human Molecular Genetics</i> , 2016, 25, 3383-3394.	1.4	182
4	Cellular Circadian Clocks in Mood Disorders. <i>Journal of Biological Rhythms</i> , 2012, 27, 339-352.	1.4	163
5	A Survey of Genomic Studies Supports Association of Circadian Clock Genes with Bipolar Disorder Spectrum Illnesses and Lithium Response. <i>PLoS ONE</i> , 2012, 7, e32091.	1.1	146
6	Circadian Clock and Stress Interactions in the Molecular Biology of Psychiatric Disorders. <i>Current Psychiatry Reports</i> , 2014, 16, 483.	2.1	141
7	Probing the lithium-response pathway in hiPSCs implicates the phosphoregulatory set-point for a cytoskeletal modulator in bipolar pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4462-E4471.	3.3	129
8	Internet monitoring of suicide risk in the population. <i>Journal of Affective Disorders</i> , 2010, 122, 277-279.	2.0	125
9	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. <i>JAMA Psychiatry</i> , 2018, 75, 65-74.	6.0	102
10	Genetic and clinical factors predict lithium's effects on PER2 gene expression rhythms in cells from bipolar disorder patients. <i>Translational Psychiatry</i> , 2013, 3, e318-e318.	2.4	98
11	Circadian alterations during early stages of Alzheimer's disease are associated with aberrant cycles of DNA methylation in BMAL1. <i>Alzheimer's and Dementia</i> , 2017, 13, 689-700.	0.4	83
12	Functional genetic variation in the Rev-Erb α pathway and lithium response in the treatment of bipolar disorder. <i>Genes, Brain and Behavior</i> , 2011, 10, 852-861.	1.1	81
13	Recent Advancements in Treating Sleep Disorders in Co-Occurring PTSD. <i>Current Psychiatry Reports</i> , 2018, 20, 48.	2.1	80
14	Chronotype and cellular circadian rhythms predict the clinical response to lithium maintenance treatment in patients with bipolar disorder. <i>Neuropsychopharmacology</i> , 2019, 44, 620-628.	2.8	80
15	Genome-wide analysis of insomnia disorder. <i>Molecular Psychiatry</i> , 2018, 23, 2238-2250.	4.1	71
16	The role of the circadian clock in animal models of mood disorders. <i>Behavioral Neuroscience</i> , 2014, 128, 344-359.	0.6	64
17	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. <i>BMC Psychiatry</i> , 2016, 16, 129.	1.1	61
18	Pharmacogenetics of lithium response in bipolar disorder. <i>Pharmacogenomics</i> , 2010, 11, 1439-1465.	0.6	60

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19	Circadian Clocks as Modulators of Metabolic Comorbidity in Psychiatric Disorders. <i>Current Psychiatry Reports</i> , 2015, 17, 98.	2.1	57
20	Adjunctive agomelatine therapy in the treatment of acute bipolar II depression: a preliminary open label study. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 243.	1.0	53
21	Calcium channel genes associated with bipolar disorder modulate lithium's amplification of circadian rhythms. <i>Neuropharmacology</i> , 2016, 101, 439-448.	2.0	47
22	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2457-2470.	4.1	44
23	The mood stabilizer valproic acid opposes the effects of dopamine on circadian rhythms. <i>Neuropharmacology</i> , 2016, 107, 262-270.	2.0	37
24	Circadian clocks, brain function, and development. <i>Annals of the New York Academy of Sciences</i> , 2013, 1306, 43-67.	1.8	36
25	Neurobiological and behavioral mechanisms of circadian rhythm disruption in bipolar disorder: A critical multi-disciplinary literature review and agenda for future research from the ISBD task force on chronobiology. <i>Bipolar Disorders</i> , 2022, 24, 232-263.	1.1	36
26	Missing a beat. <i>Psychiatric Genetics</i> , 2019, 29, 29-36.	0.6	35
27	Circadian rhythms in bipolar disorder patient-derived neurons predict lithium response: preliminary studies. <i>Molecular Psychiatry</i> , 2021, 26, 3383-3394.	4.1	29
28	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 207.	1.3	28
29	The association between lithium use and neurocognitive performance in patients with bipolar disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1743-1749.	2.8	28
30	Psychiatric drugs impact mitochondrial function in brain and other tissues. <i>Schizophrenia Research</i> , 2020, 217, 136-147.	1.1	27
31	Circadian Clock Period Inversely Correlates with Illness Severity in Cells from Patients with Alcohol Use Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1304-1310.	1.4	26
32	Disinhibition of the extracellular-signal-regulated kinase restores the amplification of circadian rhythms by lithium in cells from bipolar disorder patients. <i>European Neuropsychopharmacology</i> , 2016, 26, 1310-1319.	0.3	26
33	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 606.	2.4	25
34	Whole Brain Expression of Bipolar Disorder Associated Genes: Structural and Genetic Analyses. <i>PLoS ONE</i> , 2014, 9, e100204.	1.1	24
35	Towards the clinical implementation of pharmacogenetics in bipolar disorder. <i>BMC Medicine</i> , 2014, 12, 90.	2.3	23
36	Polymorphisms in melatonin synthesis pathways: possible influences on depression. <i>Journal of Circadian Rhythms</i> , 2014, 9, 8.	2.9	22

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37	Dopamine D2 receptor signaling modulates pancreatic beta cell circadian rhythms. <i>Psychoneuroendocrinology</i> , 2020, 113, 104551.	1.3	22
38	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. <i>Bipolar Disorders</i> , 2019, 21, 68-75.	1.1	20
39	A functional variant in the serotonin receptor 7 gene (HTR7), rs7905446, is associated with good response to SSRIs in bipolar and unipolar depression. <i>Molecular Psychiatry</i> , 2020, 25, 1312-1322.	4.1	20
40	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. <i>Stem Cell Reports</i> , 2021, 16, 825-835.	2.3	20
41	Clinical predictors of non-response to lithium treatment in the Pharmacogenomics of Bipolar Disorder (PGBD) study. <i>Bipolar Disorders</i> , 2021, 23, 821-831.	1.1	20
42	Dopamine D2 receptors and the circadian clock reciprocally mediate antipsychotic drug-induced metabolic disturbances. <i>NPJ Schizophrenia</i> , 2017, 3, 17.	2.0	19
43	Desensitization of μ -opioid receptors in nucleus accumbens during nicotine withdrawal. <i>Psychopharmacology</i> , 2011, 213, 735-744.	1.5	18
44	Inositol polyphosphates contribute to cellular circadian rhythms: Implications for understanding lithium's molecular mechanism. <i>Cellular Signalling</i> , 2018, 44, 82-91.	1.7	16
45	Circadian rhythm disruption in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Implications for the post-acute sequelae of COVID-19. <i>Brain, Behavior, & Immunity - Health</i> , 2022, 20, 100412.	1.3	16
46	Nicotine withdrawal and μ -opioid receptors. <i>Psychopharmacology</i> , 2010, 210, 221-229.	1.5	15
47	Pharmacological Manipulation of the Circadian Clock: A Possible Approach to the Management of Bipolar Disorder. <i>CNS Drugs</i> , 2019, 33, 981-999.	2.7	15
48	Study of 45 candidate genes suggests CACNG2 may be associated with lithium response in bipolar disorder. <i>Journal of Affective Disorders</i> , 2019, 248, 175-179.	2.0	15
49	A prospective study to determine the clinical utility of pharmacogenetic testing of veterans with treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2021, 35, 992-1002.	2.0	14
50	Saliva testing as a means to monitor therapeutic lithium levels in patients with psychiatric disorders: Identification of clinical and environmental covariates, and their incorporation into a prediction model. <i>Bipolar Disorders</i> , 2021, 23, 679-688.	1.1	14
51	Does the Time of Drug Administration Alter the Metabolic Risk of Aripiprazole?. <i>Frontiers in Psychiatry</i> , 2018, 9, 494.	1.3	12
52	Using Chronobiological Phenotypes to Address Heterogeneity in Bipolar Disorder. <i>Molecular Neuropsychiatry</i> , 2019, 5, 72-84.	3.0	11
53	Genomic perspectives on the circadian clock hypothesis of psychiatric disorders. <i>Advances in Genetics</i> , 2021, 107, 153-191.	0.8	11
54	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. <i>British Journal of Psychiatry</i> , 2022, 220, 219-228.	1.7	11

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55	CREB involvement in the regulation of striatal prodynorphin by nicotine. <i>Psychopharmacology</i> , 2012, 221, 143-153.	1.5	10
56	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. <i>Scientific Reports</i> , 2021, 11, 17823.	1.6	10
57	Oxidative stress: a link between cardiovascular disease and psychiatric illness?. <i>Acta Psychiatrica Scandinavica</i> , 2014, 130, 161-162.	2.2	9
58	The role of disturbed circadian clocks in the development of depression-like behavior and metabolic comorbidity in mice. <i>European Psychiatry</i> , 2017, 41, S531-S531.	0.1	9
59	Entrainment of Circadian Rhythms to Temperature Reveals Amplitude Deficits in Fibroblasts from Patients with Bipolar Disorder and Possible Links to Calcium Channels. <i>Molecular Neuropsychiatry</i> , 2019, 5, 115-124.	3.0	9
60	Correction of depression-associated circadian rhythm abnormalities is associated with lithium response in bipolar disorder. <i>Bipolar Disorders</i> , 2022, 24, 521-529.	1.1	8
61	Allele specific analysis of the ADRBK2 gene in lymphoblastoid cells from bipolar disorder patients. <i>Journal of Psychiatric Research</i> , 2010, 44, 201-208.	1.5	7
62	Attitudes on pharmacogenetic testing in psychiatric patients with treatment-resistant depression. <i>Depression and Anxiety</i> , 2020, 37, 842-850.	2.0	7
63	<i>SCN11A</i> mRNA levels in female bipolar disorder PBMCs as tentative biomarker for distinct patient subphenotypes. <i>Drug Development Research</i> , 2019, 80, 1128-1135.	1.4	5
64	Sleep and circadian rhythm disruption is corrected by lithium in a case of bipolar disorder with familial BRCA1 mutation. <i>Bipolar Disorders</i> , 2021, 23, 101-103.	1.1	3
65	The impact of lithium on circadian rhythms and implications for bipolar disorder pharmacotherapy. <i>Neuroscience Letters</i> , 2022, 786, 136772.	1.0	3
66	The eyes are the window to the brain: reviewing oculomotor abnormalities in obsessive-compulsive disorder. <i>Acta Psychiatrica Scandinavica</i> , 2011, 124, 85-86.	2.2	1
67	A common genetic variant in CACNA1C predicts heart rate in patients with bipolar disorder. <i>Psychiatry Research</i> , 2018, 263, 294-295.	1.7	1
68	The Acta Psychiatrica Scandinavica Trainee Advisory Board: education, mentoring, and experience with the editorial process. <i>Acta Psychiatrica Scandinavica</i> , 2015, 132, 429-430.	2.2	0