Michael J Mccarthy

List of Publications by Year
in descending order

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		218677	155660
68	3,414	26	55
papers	citations	h-index	g-index

74	74	74	5093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurobiological and behavioral mechanisms of circadian rhythm disruption in bipolar disorder: A critical multiâ€disciplinary literature review and agenda for future research from the ISBD task force on chronobiology. Bipolar Disorders, 2022, 24, 232-263.	1.9	36
2	Correction of depressionâ€associated circadian rhythm abnormalities is associated with lithium response in bipolar disorder. Bipolar Disorders, 2022, 24, 521-529.	1.9	8
3	Circadian rhythm disruption in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Implications for the post-acute sequelae of COVID-19. Brain, Behavior, & Immunity - Health, 2022, 20, 100412.	2.5	16
4	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. British Journal of Psychiatry, 2022, 220, 219-228.	2.8	11
5	The impact of lithium on circadian rhythms and implications for bipolar disorder pharmacotherapy. Neuroscience Letters, 2022, 786, 136772.	2.1	3
6	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. Molecular Psychiatry, 2021, 26, 2457-2470.	7.9	44
7	Genomic perspectives on the circadian clock hypothesis of psychiatric disorders. Advances in Genetics, 2021, 107, 153-191.	1.8	11
8	Sleep and circadian rhythm disruption is corrected by lithium in a case of bipolar disorder with familial BRCA1 mutation. Bipolar Disorders, 2021, 23, 101-103.	1.9	3
9	Circadian rhythms in bipolar disorder patient-derived neurons predict lithium response: preliminary studies. Molecular Psychiatry, 2021, 26, 3383-3394.	7.9	29
10	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. Stem Cell Reports, 2021, 16, 825-835.	4.8	20
11	Clinical predictors of nonâ€response to lithium treatment in the Pharmacogenomics of Bipolar Disorder (PGBD) study. Bipolar Disorders, 2021, 23, 821-831.	1.9	20
12	A prospective study to determine the clinical utility of pharmacogenetic testing of veterans with treatment-resistant depression. Journal of Psychopharmacology, 2021, 35, 992-1002.	4.0	14
13	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. Scientific Reports, 2021, 11, 17823.	3.3	10
14	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. Bipolar Disorders, 2021, 23, 679-688.	1.9	14
15	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. Translational Psychiatry, 2021, 11, 606.	4.8	25
16	A functional variant in the serotonin receptor 7 gene (HTR7), rs7905446, is associated with good response to SSRIs in bipolar and unipolar depression. Molecular Psychiatry, 2020, 25, 1312-1322.	7.9	20
17	Psychiatric drugs impact mitochondrial function in brain and other tissues. Schizophrenia Research, 2020, 217, 136-147.	2.0	27
18	Dopamine D2 receptor signaling modulates pancreatic beta cell circadian rhythms. Psychoneuroendocrinology, 2020, 113, 104551.	2.7	22

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19	Attitudes on pharmacogenetic testing in psychiatric patients with treatmentâ€resistant depression. Depression and Anxiety, 2020, 37, 842-850.	4.1	7
20	The association between lithium use and neurocognitive performance in patients with bipolar disorder. Neuropsychopharmacology, 2020, 45, 1743-1749.	5.4	28
21	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. Bipolar Disorders, 2019, 21, 68-75.	1.9	20
22	Pharmacological Manipulation of the Circadian Clock: A Possible Approach to the Management of Bipolar Disorder. CNS Drugs, 2019, 33, 981-999.	5.9	15
23	SCN11A mRNA levels in female bipolar disorder PBMCs as tentative biomarker for distinct patient subâ€phenotypes. Drug Development Research, 2019, 80, 1128-1135.	2.9	5
24	Entrainment of Circadian Rhythms to Temperature Reveals Amplitude Deficits in Fibroblasts from Patients with Bipolar Disorder and Possible Links to Calcium Channels. Molecular Neuropsychiatry, 2019, 5, 115-124.	2.9	9
25	Using Chronobiological Phenotypes to Address Heterogeneity in Bipolar Disorder. Molecular Neuropsychiatry, 2019, 5, 72-84.	2.9	11
26	Missing a beat. Psychiatric Genetics, 2019, 29, 29-36.	1.1	35
27	Study of 45 candidate genes suggests CACNG2 may be associated with lithium response in bipolar disorder. Journal of Affective Disorders, 2019, 248, 175-179.	4.1	15
28	Chronotype and cellular circadian rhythms predict the clinical response to lithium maintenance treatment in patients with bipolar disorder. Neuropsychopharmacology, 2019, 44, 620-628.	5.4	80
29	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. JAMA Psychiatry, 2018, 75, 65-74.	11.0	102
30	Genome-wide analysis of insomnia disorder. Molecular Psychiatry, 2018, 23, 2238-2250.	7.9	71
31	A common genetic variant in CACNA1C predicts heart rate in patients with bipolar disorder. Psychiatry Research, 2018, 263, 294-295.	3.3	1
32	Inositol polyphosphates contribute to cellular circadian rhythms: Implications for understanding lithium's molecular mechanism. Cellular Signalling, 2018, 44, 82-91.	3.6	16
33	Does the Time of Drug Administration Alter the Metabolic Risk of Aripiprazole?. Frontiers in Psychiatry, 2018, 9, 494.	2.6	12
34	Recent Advancements in Treating Sleep Disorders in Co-Occurring PTSD. Current Psychiatry Reports, 2018, 20, 48.	4.5	80
35	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. Frontiers in Psychiatry, 2018, 9, 207.	2.6	28
36	Dopamine D2 receptors and the circadian clock reciprocally mediate antipsychotic drug-induced metabolic disturbances. NPJ Schizophrenia, 2017, 3, 17.	3.6	19

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37	Probing the lithium-response pathway in hiPSCs implicates the phosphoregulatory set-point for a cytoskeletal modulator in bipolar pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4462-E4471.	7.1	129
38	Circadian alterations during early stages of Alzheimer's disease are associated with aberrant cycles of DNA methylation in BMAL1. Alzheimer's and Dementia, 2017, 13, 689-700.	0.8	83
39	The role of disturbed circadian clocks in the development of depression-like behavior and metabolic comorbidity in mice. European Psychiatry, 2017, 41, S531-S531.	0.2	9
40	The mood stabilizer valproic acid opposes the effects of dopamine on circadian rhythms. Neuropharmacology, 2016, 107, 262-270.	4.1	37
41	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. BMC Psychiatry, 2016, 16, 129.	2.6	61
42	Disinhibition of the extracellular-signal-regulated kinase restores the amplification of circadian rhythms by lithium in cells from bipolar disorder patients. European Neuropsychopharmacology, 2016, 26, 1310-1319.	0.7	26
43	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. Human Molecular Genetics, 2016, 25, 3383-3394.	2.9	182
44	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. Lancet, The, 2016, 387, 1085-1093.	13.7	306
45	Calcium channel genes associated with bipolar disorder modulate lithium's amplification of circadian rhythms. Neuropharmacology, 2016, 101, 439-448.	4.1	47
46	TheActa Psychiatrica ScandinavicaTrainee Advisory Board: education, mentoring, and experience with the editorial process. Acta Psychiatrica Scandinavica, 2015, 132, 429-430.	4.5	0
47	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. Nature, 2015, 527, 95-99.	27.8	461
48	Circadian Clocks as Modulators of Metabolic Comorbidity in Psychiatric Disorders. Current Psychiatry Reports, 2015, 17, 98.	4.5	57
49	Oxidative stress: a link between cardiovascular disease and psychiatric illness?. Acta Psychiatrica Scandinavica, 2014, 130, 161-162.	4.5	9
50	The role of the circadian clock in animal models of mood disorders.. Behavioral Neuroscience, 2014, 128, 344-359.	1.2	64
51	Polymorphisms in melatonin synthesis pathways: possible influences on depression. Journal of Circadian Rhythms, 2014, 9, 8.	1.3	22
52	Circadian Clock and Stress Interactions in the Molecular Biology of Psychiatric Disorders. Current Psychiatry Reports, 2014, 16, 483.	4.5	141
53	Towards the clinical implementation of pharmacogenetics in bipolar disorder. BMC Medicine, 2014, 12, 90.	5.5	23
54	Whole Brain Expression of Bipolar Disorder Associated Genes: Structural and Genetic Analyses. PLoS ONE, 2014, 9, e100204.	2.5	24

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55	Circadian Clock Period Inversely Correlates with Illness Severity in Cells from Patients with Alcohol Use Disorders. Alcoholism: Clinical and Experimental Research, 2013, 37, 1304-1310.	2.4	26
56	Circadian clocks, brain function, and development. Annals of the New York Academy of Sciences, 2013, 1306, 43-67.	3.8	36
57	Genetic and clinical factors predict lithiumâ€™s effects on PER2 gene expression rhythms in cells from bipolar disorder patients. Translational Psychiatry, 2013, 3, e318-e318.	4.8	98
58	Adjunctive agomelatine therapy in the treatment of acute bipolar II depression: a preliminary open label study. Neuropsychiatric Disease and Treatment, 2013, 9, 243.	2.2	53
59	Cellular Circadian Clocks in Mood Disorders. Journal of Biological Rhythms, 2012, 27, 339-352.	2.6	163
60	A Survey of Genomic Studies Supports Association of Circadian Clock Genes with Bipolar Disorder Spectrum Illnesses and Lithium Response. PLoS ONE, 2012, 7, e32091.	2.5	146
61	CREB involvement in the regulation of striatal prodynorphin by nicotine. Psychopharmacology, 2012, 221, 143-153.	3.1	10
62	The eyes are the window to the brain: reviewing oculomotor abnormalities in obsessiveâ€compulsive disorder. Acta Psychiatrica Scandinavica, 2011, 124, 85-86.	4.5	1
63	Functional genetic variation in the Rev-ErbÎ±pathway and lithium response in the treatment of bipolar disorder. Genes, Brain and Behavior, 2011, 10, 852-861.	2.2	81
64	Desensitization of Î´-opioid receptors in nucleus accumbens during nicotine withdrawal. Psychopharmacology, 2011, 213, 735-744.	3.1	18
65	Nicotine withdrawal and Îº-opioid receptors. Psychopharmacology, 2010, 210, 221-229.	3.1	15
66	Allele specific analysis of the ADRBK2 gene in lymphoblastoid cells from bipolar disorder patients. Journal of Psychiatric Research, 2010, 44, 201-208.	3.1	7
67	Internet monitoring of suicide risk in the population. Journal of Affective Disorders, 2010, 122, 277-279.	4.1	125
68	Pharmacogenetics of lithium response in bipolar disorder. Pharmacogenomics, 2010, 11, 1439-1465.	1.3	60