

Michael J Mccarthy

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

2,303

citations

24

h-index

47

g-index

74

ext. papers

2,931

ext. citations

7

avg, IF

5.1

L-index

#	Paper	IF	Citations
66	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. <i>Nature</i> , 2015 , 527, 95-9	50.4	315
65	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. <i>Lancet, The</i> , 2016 , 387, 1085-1093	40	216
64	Cellular circadian clocks in mood disorders. <i>Journal of Biological Rhythms</i> , 2012 , 27, 339-52	3.2	141
63	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	5.6	125
62	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	3.7	119
61	Circadian clock and stress interactions in the molecular biology of psychiatric disorders. <i>Current Psychiatry Reports</i> , 2014 , 16, 483	9.1	109
60	Internet monitoring of suicide risk in the population. <i>Journal of Affective Disorders</i> , 2010 , 122, 277-9	6.6	95
59	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	11.5	93
58	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	8.6	78
57	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , 2018 , 75, 65-74	14.5	75
56	Functional genetic variation in the Rev-Erb β pathway and lithium response in the treatment of bipolar disorder. <i>Genes, Brain and Behavior</i> , 2011 , 10, 852-61	3.6	70
55	The role of the circadian clock in animal models of mood disorders. <i>Behavioral Neuroscience</i> , 2014 , 128, 344-59	2.1	56
54	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	1.2	55
53	Pharmacogenetics of lithium response in bipolar disorder. <i>Pharmacogenomics</i> , 2010 , 11, 1439-65	2.6	55
52	Recent Advancements in Treating Sleep Disorders in Co-Occurring PTSD. <i>Current Psychiatry Reports</i> , 2018 , 20, 48	9.1	46
51	Circadian Clocks as Modulators of Metabolic Comorbidity in Psychiatric Disorders. <i>Current Psychiatry Reports</i> , 2015 , 17, 98	9.1	43
50	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	8.7	43

49	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. <i>BMC Psychiatry</i> , 2016 , 16, 129	4.2	42
48	Adjunctive agomelatine therapy in the treatment of acute bipolar II depression: a preliminary open label study. <i>Neuropsychiatric Disease and Treatment</i> , 2013 , 9, 243-51	3.1	41
47	Genome-wide analysis of insomnia disorder. <i>Molecular Psychiatry</i> , 2018 , 23, 2238-2250	15.1	39
46	Calcium channel genes associated with bipolar disorder modulate lithium's amplification of circadian rhythms. <i>Neuropharmacology</i> , 2016 , 101, 439-48	5.5	37
45	Circadian clocks, brain function, and development. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1306, 43-67	6.5	28
44	The mood stabilizer valproic acid opposes the effects of dopamine on circadian rhythms. <i>Neuropharmacology</i> , 2016 , 107, 262-270	5.5	28
43	Missing a beat: assessment of circadian rhythm abnormalities in bipolar disorder in the genomic era. <i>Psychiatric Genetics</i> , 2019 , 29, 29-36	2.9	27
42	Towards the clinical implementation of pharmacogenetics in bipolar disorder. <i>BMC Medicine</i> , 2014 , 12, 90	11.4	21
41	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, 1304-10	3.7	20
40	Polymorphisms in melatonin synthesis pathways: possible influences on depression. <i>Journal of Circadian Rhythms</i> , 2011 , 9, 8	2.5	18
39	Desensitization of μ -opioid receptors in nucleus accumbens during nicotine withdrawal. <i>Psychopharmacology</i> , 2011 , 213, 735-44	4.7	18
38	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021 , 26, 2457-2470	15.1	17
37	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, 1310-9	1.2	17
36	Whole brain expression of bipolar disorder associated genes: structural and genetic analyses. <i>PLoS ONE</i> , 2014 , 9, e100204	3.7	16
35	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018 , 9, 207	5	15
34	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	3.8	15
33	Dopamine D receptors and the circadian clock reciprocally mediate antipsychotic drug-induced metabolic disturbances. <i>NPJ Schizophrenia</i> , 2017 , 3, 17	5.5	13
32	Nicotine withdrawal and kappa-opioid receptors. <i>Psychopharmacology</i> , 2010 , 210, 221-9	4.7	13

31	Inositol polyphosphates contribute to cellular circadian rhythms: Implications for understanding lithium's molecular mechanism. <i>Cellular Signalling</i> , 2018 , 44, 82-91	4.9	12
30	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	15.1	12
29	Psychiatric drugs impact mitochondrial function in brain and other tissues. <i>Schizophrenia Research</i> , 2020 , 217, 136-147	3.6	10
28	CREB involvement in the regulation of striatal prodynorphin by nicotine. <i>Psychopharmacology</i> , 2012 , 221, 143-53	4.7	9
27	Clinical predictors of non-response to lithium treatment in the Pharmacogenomics of Bipolar Disorder (PGBD) study. <i>Bipolar Disorders</i> , 2021 ,	3.8	8
26	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	6.6	8
25	Dopamine D receptor signaling modulates pancreatic beta cell circadian rhythms. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104551	5	7
24	Circadian rhythms in bipolar disorder patient-derived neurons predict lithium response: preliminary studies. <i>Molecular Psychiatry</i> , 2021 , 26, 3383-3394	15.1	7
23	The association between lithium use and neurocognitive performance in patients with bipolar disorder. <i>Neuropsychopharmacology</i> , 2020 , 45, 1743-1749	8.7	6
22	Pharmacological Manipulation of the Circadian Clock: A Possible Approach to the Management of Bipolar Disorder. <i>CNS Drugs</i> , 2019 , 33, 981-999	6.7	6
21	Allele specific analysis of the ADRBK2 gene in lymphoblastoid cells from bipolar disorder patients. <i>Journal of Psychiatric Research</i> , 2010 , 44, 201-8	5.2	6
20	Using Chronobiological Phenotypes to Address Heterogeneity in Bipolar Disorder. <i>Molecular Neuropsychiatry</i> , 2020 , 5, 72-84	4.9	6
19	Does the Time of Drug Administration Alter the Metabolic Risk of Aripiprazole?. <i>Frontiers in Psychiatry</i> , 2018 , 9, 494	5	5
18	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	4.9	4
17	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. <i>Stem Cell Reports</i> , 2021 , 16, 825-835	8	4
16	Genomic perspectives on the circadian clock hypothesis of psychiatric disorders. <i>Advances in Genetics</i> , 2021 , 107, 153-191	3.3	4
15	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	6	2
14	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	5.1	2

13	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> , 2021 ,	3.8	2
12	Attitudes on pharmacogenetic testing in psychiatric patients with treatment-resistant depression. <i>Depression and Anxiety</i> , 2020 , 37, 842-850	8.4	2
11	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	3.8	2
10	SCN11A mRNA levels in female bipolar disorder PBMCs as tentative biomarker for distinct patient sub-phenotypes. <i>Drug Development Research</i> , 2019 , 80, 1128-1135	5.1	1
9	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	8.6	1
8	Correction of depression-associated circadian rhythm abnormalities is associated with lithium response in bipolar disorder. <i>Bipolar Disorders</i> , 2021 ,	3.8	1
7	Polygenic scores for major depressive disorder and depressive symptoms predict response to lithium in patients with bipolar disorder		1
6	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	4.6	1
5	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	3.8	1
4	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. <i>Scientific Reports</i> , 2021 , 11, 17823	4.9	1
3	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 , 1-10	5.4	1
2	A common genetic variant in CACNA1C predicts heart rate in patients with bipolar disorder. <i>Psychiatry Research</i> , 2018 , 263, 294-295	9.9	
1	The Acta Psychiatrica Scandinavica Trainee Advisory Board: education, mentoring, and experience with the editorial process. <i>Acta Psychiatrica Scandinavica</i> , 2015 , 132, 429-30	6.5	