Michael J Mccarthy

List of Publications by Year in Descending Order

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	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	5.1	2
65	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach.. *British Journal of Psychiatry*, **2022**, 1-10	5.4	1
64	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. *Molecular Psychiatry*, **2021**, 26, 2457-2470	15.1	17
63	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. *Bipolar Disorders*, **2021**,	3.8	2
62	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. *Translational Psychiatry*, **2021**, 11, 606	8.6	1
61	Correction of depression-associated circadian rhythm abnormalities is associated with lithium response in bipolar disorder. *Bipolar Disorders*, **2021**,	3.8	1
60	Circadian rhythms in bipolar disorder patient-derived neurons predict lithium response: preliminary studies. *Molecular Psychiatry*, **2021**, 26, 3383-3394	15.1	7
59	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. *Stem Cell Reports*, **2021**, 16, 825-835	8	4
58	Clinical predictors of non-response to lithium treatment in the Pharmacogenomics of Bipolar Disorder (PGBD) study. *Bipolar Disorders*, **2021**,	3.8	8
57	A prospective study to determine the clinical utility of pharmacogenetic testing of veterans with treatment-resistant depression. *Journal of Psychopharmacology*, **2021**, 35, 992-1002	4.6	1
56	Genomic perspectives on the circadian clock hypothesis of psychiatric disorders. *Advances in Genetics*, **2021**, 107, 153-191	3.3	4
55	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	3.8	1
54	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. *Scientific Reports*, **2021**, 11, 17823	4.9	1
53	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	3.8	2
52	The association between lithium use and neurocognitive performance in patients with bipolar disorder. *Neuropsychopharmacology*, **2020**, 45, 1743-1749	8.7	6
51	Psychiatric drugs impact mitochondrial function in brain and other tissues. *Schizophrenia Research*, **2020**, 217, 136-147	3.6	10
50	Dopamine D receptor signaling modulates pancreatic beta cell circadian rhythms. *Psychoneuroendocrinology*, **2020**, 113, 104551	5	7

49	Attitudes on pharmacogenetic testing in psychiatric patients with treatment-resistant depression. *Depression and Anxiety*, **2020**, 37, 842-850	8.4	2
48	Using Chronobiological Phenotypes to Address Heterogeneity in Bipolar Disorder. *Molecular Neuropsychiatry*, **2020**, 5, 72-84	4.9	6
47	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	15.1	12
46	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	4.9	4
45	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. *Bipolar Disorders*, **2019**, 21, 68-75	3.8	15
44	Pharmacological Manipulation of the Circadian Clock: A Possible Approach to the Management of Bipolar Disorder. *CNS Drugs*, **2019**, 33, 981-999	6.7	6
43	SCN11A mRNA levels in female bipolar disorder PBMCs as tentative biomarker for distinct patient sub-phenotypes. *Drug Development Research*, **2019**, 80, 1128-1135	5.1	1
42	Missing a beat: assessment of circadian rhythm abnormalities in bipolar disorder in the genomic era. *Psychiatric Genetics*, **2019**, 29, 29-36	2.9	27
41	Study of 45 candidate genes suggests CACNG2 may be associated with lithium response in bipolar disorder. *Journal of Affective Disorders*, **2019**, 248, 175-179	6.6	8
40	Chronotype and cellular circadian rhythms predict the clinical response to lithium maintenance treatment in patients with bipolar disorder. *Neuropsychopharmacology*, **2019**, 44, 620-628	8.7	43
39	Genome-wide analysis of insomnia disorder. *Molecular Psychiatry*, **2018**, 23, 2238-2250	15.1	39
38	A common genetic variant in CACNA1C predicts heart rate in patients with bipolar disorder. *Psychiatry Research*, **2018**, 263, 294-295	9.9	
37	Inositol polyphosphates contribute to cellular circadian rhythms: Implications for understanding lithiumЂs molecular mechanism. *Cellular Signalling*, **2018**, 44, 82-91	4.9	12
36	Recent Advancements in Treating Sleep Disorders in Co-Occurring PTSD. *Current Psychiatry Reports*, **2018**, 20, 48	9.1	46
35	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. *Frontiers in Psychiatry*, **2018**, 9, 207	5	15
34	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. *JAMA Psychiatry*, **2018**, 75, 65-74	14.5	75
33	Does the Time of Drug Administration Alter the Metabolic Risk of Aripiprazole?. *Frontiers in Psychiatry*, **2018**, 9, 494	5	5
32	Dopamine D receptors and the circadian clock reciprocally mediate antipsychotic drug-induced metabolic disturbances. *NPJ Schizophrenia*, **2017**, 3, 17	5.5	13

31	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	11.5	93
30	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	1.2	55
29	The role of disturbed circadian clocks in the development of depression-like behavior and metabolic comorbidity in mice. *European Psychiatry*, **2017**, 41, S531-S531	6	2
28	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. *Human Molecular Genetics*, **2016**, 25, 3383-3394	5.6	125
27	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. *Lancet, The*, **2016**, 387, 1085-1093	40	216
26	Calcium channel genes associated with bipolar disorder modulate lithium's amplification of circadian rhythms. *Neuropharmacology*, **2016**, 101, 439-48	5.5	37
25	The mood stabilizer valproic acid opposes the effects of dopamine on circadian rhythms. *Neuropharmacology*, **2016**, 107, 262-270	5.5	28
24	The Pharmacogenomics of Bipolar Disorder study (PGBD): identification of genes for lithium response in a prospective sample. *BMC Psychiatry*, **2016**, 16, 129	4.2	42
23	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, 1310-9	1.2	17
22	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. *Nature*, **2015**, 527, 95-9	50.4	315
21	Circadian Clocks as Modulators of Metabolic Comorbidity in Psychiatric Disorders. *Current Psychiatry Reports*, **2015**, 17, 98	9.1	43
20	The Acta Psychiatrica Scandinavica Trainee Advisory Board: education, mentoring, and experience with the editorial process. *Acta Psychiatrica Scandinavica*, **2015**, 132, 429-30	6.5	
19	Circadian clock and stress interactions in the molecular biology of psychiatric disorders. *Current Psychiatry Reports*, **2014**, 16, 483	9.1	109
18	Towards the clinical implementation of pharmacogenetics in bipolar disorder. *BMC Medicine*, **2014**, 12, 90	11.4	21
17	The role of the circadian clock in animal models of mood disorders. *Behavioral Neuroscience*, **2014**, 128, 344-59	2.1	56
16	Whole brain expression of bipolar disorder associated genes: structural and genetic analyses. *PLoS ONE*, **2014**, 9, e100204	3.7	16
15	Circadian clock period inversely correlates with illness severity in cells from patients with alcohol use disorders. *Alcoholism: Clinical and Experimental Research*, **2013**, 37, 1304-10	3.7	20
14	Circadian clocks, brain function, and development. *Annals of the New York Academy of Sciences*, **2013**, 1306, 43-67	6.5	28

13	Genetic and clinical factors predict lithium's effects on PER2 gene expression rhythms in cells from bipolar disorder patients. *Translational Psychiatry*, **2013**, 3, e318	8.6	78
12	Adjunctive agomelatine therapy in the treatment of acute bipolar II depression: a preliminary open label study. *Neuropsychiatric Disease and Treatment*, **2013**, 9, 243-51	3.1	41
11	Cellular circadian clocks in mood disorders. *Journal of Biological Rhythms*, **2012**, 27, 339-52	3.2	141
10	A survey of genomic studies supports association of circadian clock genes with bipolar disorder spectrum illnesses and lithium response. *PLoS ONE*, **2012**, 7, e32091	3.7	119
9	CREB involvement in the regulation of striatal prodynorphin by nicotine. *Psychopharmacology*, **2012** , 221, 143-53	4.7	9
8	Polymorphisms in melatonin synthesis pathways: possible influences on depression. *Journal of Circadian Rhythms*, **2011**, 9, 8	2.5	18
7	Functional genetic variation in the Rev-Erb pathway and lithium response in the treatment of bipolar disorder. *Genes, Brain and Behavior*, **2011**, 10, 852-61	3.6	70
6	Desensitization of opioid receptors in nucleus accumbens during nicotine withdrawal. *Psychopharmacology*, **2011**, 213, 735-44	4.7	18
5	Pharmacogenetics of lithium response in bipolar disorder. *Pharmacogenomics*, **2010**, 11, 1439-65	2.6	55
4	Nicotine withdrawal and kappa-opioid receptors. *Psychopharmacology*, **2010**, 210, 221-9	4.7	13
3	Allele specific analysis of the ADRBK2 gene in lymphoblastoid cells from bipolar disorder patients. *Journal of Psychiatric Research*, **2010**, 44, 201-8	5.2	6
2	Internet monitoring of suicide risk in the population. *Journal of Affective Disorders*, **2010**, 122, 277-9	6.6	95
1	Polygenic scores for major depressive disorder and depressive symptoms predict response to lithium in patients with bipolar disorder		1