

Colleen A Mcclung

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.

69

papers

6,654

citations

32

h-index

75

g-index

75

ext. papers

7,796

ext. citations

6.4

avg, IF

6.33

L-index

#	Paper	IF	Citations
69	Essential role of BDNF in the mesolimbic dopamine pathway in social defeat stress. <i>Science</i> , 2006 , 311, 864-8	33.3	1559
68	Mania-like behavior induced by disruption of CLOCK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6406-11	11.5	619
67	Regulation of gene expression and cocaine reward by CREB and DeltaFosB. <i>Nature Neuroscience</i> , 2003 , 6, 1208-15	25.5	506
66	Circadian genes, rhythms and the biology of mood disorders 2007 , 114, 222-32		490
65	Regulation of dopaminergic transmission and cocaine reward by the Clock gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9377-81	11.5	393
64	How might circadian rhythms control mood? Let me count the ways. <i>Biological Psychiatry</i> , 2013 , 74, 242-9	9.9	302
63	Neuroplasticity mediated by altered gene expression. <i>Neuropsychopharmacology</i> , 2008 , 33, 3-17	8.7	260
62	Knockdown of Clock in the ventral tegmental area through RNA interference results in a mixed state of mania and depression-like behavior. <i>Biological Psychiatry</i> , 2010 , 68, 503-11	7.9	172
61	Rhythms of life: circadian disruption and brain disorders across the lifespan. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 49-65	13.5	167
60	Effects of aging on circadian patterns of gene expression in the human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 206-11	11.5	132
59	Regulation of gene expression by chronic morphine and morphine withdrawal in the locus ceruleus and ventral tegmental area. <i>Journal of Neuroscience</i> , 2005 , 25, 6005-15	6.6	128
58	A role for the circadian genes in drug addiction. <i>Neuropharmacology</i> , 2009 , 56 Suppl 1, 91-6	5.5	113
57	Circadian rhythms and mood regulation: insights from pre-clinical models. <i>European Neuropsychopharmacology</i> , 2011 , 21 Suppl 4, S683-93	1.2	111
56	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
55	Circadian rhythms and addiction: mechanistic insights and future directions. <i>Behavioral Neuroscience</i> , 2014 , 128, 387-412	2.1	93
54	Specific role of VTA dopamine neuronal firing rates and morphology in the reversal of anxiety-related, but not depression-related behavior in the Clock ^{0/9} mouse model of mania. <i>Neuropsychopharmacology</i> , 2011 , 36, 1478-88	8.7	91
53	Chronic Stress Induces Brain Region-Specific Alterations of Molecular Rhythms that Correlate with Depression-like Behavior in Mice. <i>Biological Psychiatry</i> , 2015 , 78, 249-58	7.9	90

52	Circadian Rhythm Disturbances in Mood Disorders: Insights into the Role of the Suprachiasmatic Nucleus. <i>Neural Plasticity</i> , 2017 , 2017, 1504507	3.3	89
51	Circadian rhythms, the mesolimbic dopaminergic circuit, and drug addiction. <i>Scientific World Journal, The</i> , 2007 , 7, 194-202	2.2	81
50	Biological rhythms, higher brain function, and behavior: Gaps, opportunities, and challenges. <i>Brain Research Reviews</i> , 2009 , 62, 57-70		79
49	Circadian clock genes: effects on dopamine, reward and addiction. <i>Alcohol</i> , 2015 , 49, 341-9	2.7	77
48	Impact of Sleep and Circadian Rhythms on Addiction Vulnerability in Adolescents. <i>Biological Psychiatry</i> , 2018 , 83, 987-996	7.9	77
47	Circadian genes Period 1 and Period 2 in the nucleus accumbens regulate anxiety-related behavior. <i>European Journal of Neuroscience</i> , 2013 , 37, 242-50	3.5	69
46	Cocaine self-administration behaviors in Clock ^{Δ19} mice. <i>Psychopharmacology</i> , 2012 , 223, 169-77	4.7	66
45	Lithium ameliorates nucleus accumbens phase-signaling dysfunction in a genetic mouse model of mania. <i>Journal of Neuroscience</i> , 2010 , 30, 16314-23	6.6	60
44	Direct regulation of diurnal Drd3 expression and cocaine reward by NPAS2. <i>Biological Psychiatry</i> , 2015 , 77, 425-433	7.9	58
43	The role of clock in ethanol-related behaviors. <i>Neuropsychopharmacology</i> , 2013 , 38, 2393-400	8.7	55
42	Differential regulation of the period genes in striatal regions following cocaine exposure. <i>PLoS ONE</i> , 2013 , 8, e66438	3.7	45
41	Diurnal rhythms in gene expression in the prefrontal cortex in schizophrenia. <i>Nature Communications</i> , 2019 , 10, 3355	17.4	40
40	Differential effects of chronic social stress and fluoxetine on meal patterns in mice. <i>Appetite</i> , 2013 , 64, 81-8	4.5	37
39	A mutation in CLOCK leads to altered dopamine receptor function. <i>Journal of Neurochemistry</i> , 2012 , 123, 124-34	6	37
38	An inhibitor of casein kinase 1 δ partially normalizes the manic-like behaviors of the Clock ^{Δ19} mouse. <i>Behavioural Pharmacology</i> , 2012 , 23, 392-6	2.4	35
37	Major depressive disorder: a loss of circadian synchrony?. <i>BioEssays</i> , 2013 , 35, 940-4	4.1	32
36	Identification of a glycogen synthase kinase-3 β inhibitor that attenuates hyperactivity in CLOCK mutant mice. <i>ChemMedChem</i> , 2011 , 6, 1593-602	3.7	31
35	Circadian Mechanisms Underlying Reward-Related Neurophysiology and Synaptic Plasticity. <i>Frontiers in Psychiatry</i> , 2015 , 6, 187	5	31

34	NAD ⁺ cellular redox and SIRT1 regulate the diurnal rhythms of tyrosine hydroxylase and conditioned cocaine reward. <i>Molecular Psychiatry</i> , 2019 , 24, 1668-1684	15.1	26
33	Functional Implications of the CLOCK 3111T/C Single-Nucleotide Polymorphism. <i>Frontiers in Psychiatry</i> , 2016 , 7, 67	5	25
32	Pharmacogenetic Manipulation of the Nucleus Accumbens Alters Binge-Like Alcohol Drinking in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 879-888	3.7	22
31	Altered GluA1 (Gria1) Function and Accumbal Synaptic Plasticity in the Clock ⁰⁹ Model of Bipolar Mania. <i>Biological Psychiatry</i> , 2018 , 84, 817-826	7.9	22
30	The molecular mechanisms of morphine addiction. <i>Reviews in the Neurosciences</i> , 2006 , 17, 393-402	4.7	22
29	Mood-related central and peripheral clocks. <i>European Journal of Neuroscience</i> , 2020 , 51, 326-345	3.5	22
28	NPAS2 Regulation of Anxiety-Like Behavior and GABAA Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 360	6.1	20
27	Neural Mechanisms of Circadian Regulation of Natural and Drug Reward. <i>Neural Plasticity</i> , 2017 , 2017, 5720842	3.3	20
26	Implications of circadian rhythm and stress in addiction vulnerability. <i>F1000Research</i> , 2016 , 5, 59	3.6	18
25	Cell-Type-Specific Regulation of Nucleus Accumbens Synaptic Plasticity and Cocaine Reward Sensitivity by the Circadian Protein, NPAS2. <i>Journal of Neuroscience</i> , 2019 , 39, 4657-4667	6.6	15
24	12-h clock regulation of genetic information flow by XBP1s. <i>PLoS Biology</i> , 2020 , 18, e3000580	9.7	15
23	In vivo optogenetic stimulation of the rodent central nervous system. <i>Journal of Visualized Experiments</i> , 2015 , 51483	1.6	11
22	Antimanic Efficacy of a Novel Kv3 Potassium Channel Modulator. <i>Neuropsychopharmacology</i> , 2018 , 43, 435-444	8.7	10
21	Diurnal rhythms across the human dorsal and ventral striatum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	10
20	Characterization of genetically complex Collaborative Cross mouse strains that model divergent locomotor activating and reinforcing properties of cocaine. <i>Psychopharmacology</i> , 2020 , 237, 979-996	4.7	10
19	Mind your rhythms: an important role for circadian genes in neuroprotection. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4994-6	15.9	9
18	The association between mood state and chronobiological characteristics in bipolar I disorder: a naturalistic, variable cluster analysis-based study. <i>International Journal of Bipolar Disorders</i> , 2018 , 6, 5	5.4	8
17	Sex Differences in Molecular Rhythms in the Human Cortex. <i>Biological Psychiatry</i> , 2022 , 91, 152-162	7.9	7

16	Coordination between Prefrontal Cortex Clock Gene Expression and Corticosterone Contributes to Enhanced Conditioned Fear Extinction Recall. <i>ENeuro</i> , 2018 , 5,	3.9	6
15	Valproate reverses mania-like behaviors in mice via preferential targeting of HDAC2. <i>Molecular Psychiatry</i> , 2021 , 26, 4066-4084	15.1	5
14	Circadian-Dependent and Sex-Dependent Increases in Intravenous Cocaine Self-Administration in Mutant Mice. <i>Journal of Neuroscience</i> , 2021 , 41, 1046-1058	6.6	5
13	Likelihood-based tests for detecting circadian rhythmicity and differential circadian patterns in transcriptomic applications. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	4
12	Circadian Rhythms in Mood Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1344, 153-168	9.6	3
11	Measuring the Effects of Circadian Rhythm-Related Manipulations on Depression-Like Behavior in Rodents: Forced Swim and Tail Suspension Tests. <i>Methods in Molecular Biology</i> , 2021 , 2130, 69-78	1.4	3
10	Consideration of genetic and sex effects in mice enhances consilience with human addiction studies		3
9	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016 , 80, 84-86	7.9	2
8	Circadian Transcription Factor NPAS2 and the NAD ⁺ -Dependent Deacetylase SIRT1 Interact in the Mouse Nucleus Accumbens and Regulate Reward.. <i>European Journal of Neuroscience</i> , 2022 ,	3.5	2
7	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
6	Astrocyte Molecular Clock Function in the Nucleus Accumbens Is Important for Reward-Related Behavior.. <i>Biological Psychiatry</i> , 2022 ,	7.9	2
5	Circadian Rhythms in Mood Disorders 2015 , 249-269		1
4	Glucocorticoid receptor function and resilience: a tale of mice and men. <i>Biological Psychiatry</i> , 2015 , 77, 310-1	7.9	1
3	The Suprachiasmatic Nucleus Regulates Anxiety-Like Behavior in Mice.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 765850	5.1	1
2	The Suprachiasmatic Nucleus Regulates Anxiety-Like Behavior in Mice		1
1	High-throughput measurement of fibroblast rhythms reveals genetic heritability of circadian phenotypes in diversity outbred mice and their founder strains. <i>Scientific Reports</i> , 2021 , 11, 2573	4.9	1