

James M McNally

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

642
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Knockdown of GABAA alpha3 subunits on thalamic reticular neurons enhances deep sleep in mice. <i>Nature Communications</i> , 2022, 13, 2246.	12.8	14
2	Subcortical control of the default mode network: Role of the basal forebrain and implications for neuropsychiatric disorders. <i>Brain Research Bulletin</i> , 2022, 185, 129-139.	3.0	8
3	Optogenetic manipulation of an ascending arousal system tunes cortical broadband gamma power and reveals functional deficits relevant to schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 3461-3475.	7.9	26
4	Characterization of basal forebrain glutamate neurons suggests a role in control of arousal and avoidance behavior. <i>Brain Structure and Function</i> , 2021, 226, 1755-1778.	2.3	10
5	Basal Forebrain Parvalbumin Neurons Mediate Arousals from Sleep Induced by Hypercarbia or Auditory Stimuli. <i>Current Biology</i> , 2020, 30, 2379-2385.e4.	3.9	35
6	Thalamic Reticular Nucleus Parvalbumin Neurons Regulate Sleep Spindles and Electrophysiological Aspects of Schizophrenia in Mice. <i>Scientific Reports</i> , 2019, 9, 3607.	3.3	46
7	Optogenetic stimulation of basal forebrain parvalbumin neurons modulates the cortical topography of auditory steady-state responses. <i>Brain Structure and Function</i> , 2019, 224, 1505-1518.	2.3	22
8	Validation of an automated sleep spindle detection method for mouse electroencephalography. <i>Sleep</i> , 2019, 42, .	1.1	40
9	Gamma band oscillations. <i>Current Opinion in Psychiatry</i> , 2016, 29, 202-210.	6.3	105
10	Cortically projecting basal forebrain parvalbumin neurons regulate cortical gamma band oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3535-3540.	7.1	246
11	Impaired GABAergic Neurotransmission in Schizophrenia Underlies Impairments in Cortical Gamma Band Oscillations. <i>Current Psychiatry Reports</i> , 2013, 15, 346.	4.5	42
12	Chronic Ketamine Reduces the Peak Frequency of Gamma Oscillations in Mouse Prefrontal Cortex Ex vivo. <i>Frontiers in Psychiatry</i> , 2013, 4, 106.	2.6	32
13	Reduction in cortical gamma synchrony during depolarized state of slow wave activity in mice. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 107.	2.5	14