James M Mcnally

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5288330/publications.pdf

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13	642	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	972
all docs	docs citations	times ranked	citing authors

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