Fumi Katsuki

List of Publications by Year
in descending order

19 papers	869 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	1092 citing authors

#	Article	IF	Citations
1	Knockdown of GABAA alpha3 subunits on thalamic reticular neurons enhances deep sleep in mice. Nature Communications, 2022, 13, 2246.	12.8	14
2	Alterations of sleep oscillations in Alzheimer's disease: A potential role for GABAergic neurons in the cortex, hippocampus, and thalamus. Brain Research Bulletin, 2022, 187, 181-198.	3.0	13
3	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
4	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
5	The Dual Orexin Receptor Antagonist DORA-22 Improves Mild Stress-induced Sleep Disruption During the Natural Sleep Phase of Nocturnal Rats. Neuroscience, 2021, 463, 30-44.	2.3	3
6	The dual orexinergic receptor antagonist DORA-22 improves the sleep disruption and memory impairment produced by a rodent insomnia model. Sleep, 2020, 43, .	1.1	11
7	Basal Forebrain Parvalbumin Neurons Mediate Arousals from Sleep Induced by Hypercarbia or Auditory Stimuli. Current Biology, 2020, 30, 2379-2385.e4.	3.9	35
8	Thalamic Reticular Nucleus Parvalbumin Neurons Regulate Sleep Spindles and Electrophysiological Aspects of Schizophrenia in Mice. Scientific Reports, 2019, 9, 3607.	3.3	46
9	Validation of an automated sleep spindle detection method for mouse electroencephalography. Sleep, 2019, 42, .	1.1	40
10	Differential Processing of Isolated Object and Multi-item Pop-Out Displays in LIP and PFC. Cerebral Cortex, 2018, 28, 3816-3828.	2.9	21
11	Age-dependent changes in prefrontal intrinsic connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3853-3858.	7.1	32
12	Influence of monkey dorsolateral prefrontal and posterior parietal activity on behavioral choice during attention tasks. European Journal of Neuroscience, 2014, 40, 2910-2921.	2.6	11
13	Bottom-Up and Top-Down Attention. Neuroscientist, 2014, 20, 509-521.	3.5	283
14	Differences in Intrinsic Functional Organization Between Dorsolateral Prefrontal and Posterior Parietal Cortex. Cerebral Cortex, 2014, 24, 2334-2349.	2.9	30
15	Time Course of Functional Connectivity in Primate Dorsolateral Prefrontal and Posterior Parietal Cortex during Working Memory. PLoS ONE, 2013, 8, e81601.	2.5	12
16	Neurons with inverted tuning during the delay periods of working memory tasks in the dorsal prefrontal and posterior parietal cortex. Journal of Neurophysiology, 2012, 108, 31-38.	1.8	34
17	Early involvement of prefrontal cortex in visual bottom-up attention. Nature Neuroscience, 2012, 15, 1160-1166.	14.8	107
18	Unique and shared roles of the posterior parietal and dorsolateral prefrontal cortex in cognitive functions. Frontiers in Integrative Neuroscience, 2012, 6, 17.	2.1	73

#	Article	IF	Citations
19	Comparison of neural activity related to working memory in primate dorsolateral prefrontal and posterior parietal cortex. Frontiers in Systems Neuroscience, 2010, 4, 12.	2.5	67