

Fumi Katsuki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3071236/publications.pdf>

Version: 2024-02-01

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	Bottom-Up and Top-Down Attention. <i>Neuroscientist</i> , 2014, 20, 509-521.	3.5	283
2	Early involvement of prefrontal cortex in visual bottom-up attention. <i>Nature Neuroscience</i> , 2012, 15, 1160-1166.	14.8	107
3	Unique and shared roles of the posterior parietal and dorsolateral prefrontal cortex in cognitive functions. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 17.	2.1	73
4	Comparison of neural activity related to working memory in primate dorsolateral prefrontal and posterior parietal cortex. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 12.	2.5	67
5	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
6	Validation of an automated sleep spindle detection method for mouse electroencephalography. <i>Sleep</i> , 2019, 42, .	1.1	40
7	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
8	Neurons with inverted tuning during the delay periods of working memory tasks in the dorsal prefrontal and posterior parietal cortex. <i>Journal of Neurophysiology</i> , 2012, 108, 31-38.	1.8	34
9	Age-dependent changes in prefrontal intrinsic connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3853-3858.	7.1	32
10	Differences in Intrinsic Functional Organization Between Dorsolateral Prefrontal and Posterior Parietal Cortex. <i>Cerebral Cortex</i> , 2014, 24, 2334-2349.	2.9	30
11	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
12	Differential Processing of Isolated Object and Multi-item Pop-Out Displays in LIP and PFC. <i>Cerebral Cortex</i> , 2018, 28, 3816-3828.	2.9	21
13	Knockdown of GABAA alpha3 subunits on thalamic reticular neurons enhances deep sleep in mice. <i>Nature Communications</i> , 2022, 13, 2246.	12.8	14
14	Alterations of sleep oscillations in Alzheimer's disease: A potential role for GABAergic neurons in the cortex, hippocampus, and thalamus. <i>Brain Research Bulletin</i> , 2022, 187, 181-198.	3.0	13
15	Time Course of Functional Connectivity in Primate Dorsolateral Prefrontal and Posterior Parietal Cortex during Working Memory. <i>PLoS ONE</i> , 2013, 8, e81601.	2.5	12
16	Influence of monkey dorsolateral prefrontal and posterior parietal activity on behavioral choice during attention tasks. <i>European Journal of Neuroscience</i> , 2014, 40, 2910-2921.	2.6	11
17	The dual orexinergic receptor antagonist DORA-22 improves the sleep disruption and memory impairment produced by a rodent insomnia model. <i>Sleep</i> , 2020, 43, .	1.1	11
18	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

#	ARTICLE	IF	CITATIONS
19	The Dual Orexin Receptor Antagonist DORA-22 Improves Mild Stress-induced Sleep Disruption During the Natural Sleep Phase of Nocturnal Rats. <i>Neuroscience</i> , 2021, 463, 30-44.	2.3	3