

Yoan Cherasse

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,964
citations

201575

27
h-index

182361

51
g-index

56
all docs

56
docs citations

56
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Arousal Effect of Caffeine Depends on Adenosine A2A Receptors in the Shell of the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2011, 31, 10067-10075.	1.7	267
2	miR-124a is required for hippocampal axogenesis and retinal cone survival through Lhx2 suppression. <i>Nature Neuroscience</i> , 2011, 14, 1125-1134.	7.1	252
3	The GCN2 kinase biases feeding behavior to maintain amino acid homeostasis in omnivores. <i>Cell Metabolism</i> , 2005, 1, 273-277.	7.2	188
4	Nucleus accumbens controls wakefulness by a subpopulation of neurons expressing dopamine D1 receptors. <i>Nature Communications</i> , 2018, 9, 1576.	5.8	168
5	Slow-wave sleep is controlled by a subset of nucleus accumbens core neurons in mice. <i>Nature Communications</i> , 2017, 8, 734.	5.8	157
6	TRB3 Inhibits the Transcriptional Activation of Stress-regulated Genes by a Negative Feedback on the ATF4 Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 15851-15861.	1.6	141
7	Amino acid limitation regulates the expression of genes involved in several specific biological processes through GCN2-dependent and GCN2-independent pathways. <i>FEBS Journal</i> , 2009, 276, 707-718.	2.2	111
8	Basal Forebrain Cholinergic Neurons Primarily Contribute to Inhibition of Electroencephalogram Delta Activity, Rather Than Inducing Behavioral Wakefulness in Mice. <i>Neuropsychopharmacology</i> , 2016, 41, 2133-2146.	2.8	104
9	Activation of ventral tegmental area dopamine neurons produces wakefulness through dopamine D2-like receptors in mice. <i>Brain Structure and Function</i> , 2017, 222, 2907-2915.	1.2	102
10	Striatal adenosine A2A receptor neurons control active-period sleep via parvalbumin neurons in external globus pallidus. <i>ELife</i> , 2017, 6, .	2.8	86
11	Dopamine D1 receptor subtype mediates acute stress-induced dendritic growth in excitatory neurons of the medial prefrontal cortex and contributes to suppression of stress susceptibility in mice. <i>Molecular Psychiatry</i> , 2018, 23, 1717-1730.	4.1	82
12	The p300/CBP-associated factor (PCAF) is a cofactor of ATF4 for amino acid-regulated transcription of CHOP. <i>Nucleic Acids Research</i> , 2007, 35, 5954-5965.	6.5	75
13	Rapid eye movement sleep is initiated by basolateral amygdala dopamine signaling in mice. <i>Science</i> , 2022, 375, 994-1000.	6.0	75
14	Sparse Activity of Hippocampal Adult-Born Neurons during REM Sleep Is Necessary for Memory Consolidation. <i>Neuron</i> , 2020, 107, 552-565.e10.	3.8	73
15	Large-scale forward genetics screening identifies <i>Trpa1</i> as a chemosensor for predator odor-evoked innate fear behaviors. <i>Nature Communications</i> , 2018, 9, 2041.	5.8	71
16	Dietary Zinc Acts as a Sleep Modulator. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2334.	1.8	64
17	The rostromedial tegmental nucleus is essential for non-rapid eye movement sleep. <i>PLoS Biology</i> , 2018, 16, e2002909.	2.6	61
18	Molecular mechanisms involved in the adaptation to amino acid limitation in mammals. <i>Biochimie</i> , 2010, 92, 736-745.	1.3	59

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19	Hypothalamic modulation of adult hippocampal neurogenesis in mice confers activity-dependent regulation of memory and anxiety-like behavior. <i>Nature Neuroscience</i> , 2022, 25, 630-645.	7.1	58
20	ATF2 is required for amino acid-regulated transcription by orchestrating specific histone acetylation. <i>Nucleic Acids Research</i> , 2007, 35, 1312-1321.	6.5	54
21	Sleep and Wakefulness Are Controlled by Ventral Medial Midbrain/Pons GABAergic Neurons in Mice. <i>Journal of Neuroscience</i> , 2018, 38, 10080-10092.	1.7	51
22	Identification of a Novel Amino Acid Response Pathway Triggering ATF2 Phosphorylation in Mammals. <i>Molecular and Cellular Biology</i> , 2009, 29, 6515-6526.	1.1	48
23	Ventral pallidal GABAergic neurons control wakefulness associated with motivation through the ventral tegmental pathway. <i>Molecular Psychiatry</i> , 2021, 26, 2912-2928.	4.1	48
24	Natural (Δ^9 -THC) and synthetic (JWH-018) cannabinoids induce seizures by acting through the cannabinoid CB1 receptor. <i>Scientific Reports</i> , 2017, 7, 10516.	1.6	43
25	Projections of nucleus accumbens adenosine A2A receptor neurons in the mouse brain and their implications in mediating sleep-wake regulation. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 43.	0.9	42
26	Amino acids as regulators of gene expression in mammals: Molecular mechanisms. <i>BioFactors</i> , 2009, 35, 249-257.	2.6	41
27	Zinc-rich oysters as well as zinc-yeast and astaxanthin-enriched food improved sleep efficiency and sleep onset in a randomized controlled trial of healthy individuals. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600882.	1.5	40
28	mDia and ROCK Mediate Actin-Dependent Presynaptic Remodeling Regulating Synaptic Efficacy and Anxiety. <i>Cell Reports</i> , 2016, 17, 2405-2417.	2.9	32
29	Enhancing endogenous adenosine A2A receptor signaling induces slow-wave sleep without affecting body temperature and cardiovascular function. <i>Neuropharmacology</i> , 2019, 144, 122-132.	2.0	30
30	The neostriatum: two entities, one structure?. <i>Brain Structure and Function</i> , 2016, 221, 1737-1749.	1.2	28
31	Role of the repressor JDP2 in the amino acid-regulated transcription of <i>CHOP</i> . <i>FEBS Letters</i> , 2008, 582, 1537-1541.	1.3	27
32	Medial Parabrachial Nucleus Is Essential in Controlling Wakefulness in Rats. <i>Frontiers in Neuroscience</i> , 2021, 15, 645877.	1.4	26
33	Chronic Stress Induces Sex-Specific Functional and Morphological Alterations in Corticoaccumbal and Corticotegmental Pathways. <i>Biological Psychiatry</i> , 2021, 90, 194-205.	0.7	25
34	Adenosine A2A receptors in the olfactory bulb suppress rapid eye movement sleep in rodents. <i>Brain Structure and Function</i> , 2017, 222, 1351-1366.	1.2	23
35	Concise Review: Regulatory Influence of Sleep and Epigenetics on Adult Hippocampal Neurogenesis and Cognitive and Emotional Function. <i>Stem Cells</i> , 2018, 36, 969-976.	1.4	22
36	Activation of Parvalbumin Neurons in the Rostro-Dorsal Sector of the Thalamic Reticular Nucleus Promotes Sensitivity to Pain in Mice. <i>Neuroscience</i> , 2017, 366, 113-123.	1.1	21

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37	Amino acid deprivation regulates the stress-inducible gene p8 via the GCN2/ATF4 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 24-29.	1.0	18
38	Activation of adenosine A2A receptors in the olfactory tubercle promotes sleep in rodents. <i>Neuropharmacology</i> , 2020, 168, 107923.	2.0	18
39	The Leptomeninges Produce Prostaglandin D2 Involved in Sleep Regulation in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 357.	1.8	16
40	Zinc-containing yeast extract promotes nonrapid eye movement sleep in mice. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2087-2093.	1.5	15
41	Extracellular adenosine and slow-wave sleep are increased after ablation of nucleus accumbens core astrocytes and neurons in mice. <i>Neurochemistry International</i> , 2019, 124, 256-263.	1.9	15
42	Chemogenetic inhibition of the medial prefrontal cortex reverses the effects of REM sleep loss on sucrose consumption. <i>ELife</i> , 2016, 5, .	2.8	14
43	Chorionic villus sampling(CVS) and fluorescencein situ hybridization(FISH) for a rapid first-trimester prenatal diagnosis. <i>Prenatal Diagnosis</i> , 2004, 24, 249-256.	1.1	13
44	Induction of narcolepsy-like symptoms by orexin receptor antagonists in mice. <i>Sleep</i> , 2021, 44, .	0.6	13
45	Miniaturized microscope with flexible light source input for neuronal imaging and manipulation in freely behaving animals. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 520-524.	1.0	9
46	Amino-acid limitation induces the GCN2 signaling pathway in myoblasts but not in myotubes. <i>Biochimie</i> , 2008, 90, 1716-1721.	1.3	8
47	Overview of sleep and sleep medicine in Asian countries. <i>Sleep and Biological Rhythms</i> , 2011, 9, 84-89.	0.5	8
48	Ablation of Ventral Midbrain/Pons GABA Neurons Induces Mania-like Behaviors with Altered Sleep Homeostasis and Dopamine D2R-mediated Sleep Reduction. <i>IScience</i> , 2020, 23, 101240.	1.9	8
49	Open-Source Software for Real-time Calcium Imaging and Synchronized Neuron Firing Detection. , 2021, 2021, 2997-3003.		4
50	Motivational and Valence-Related Modulation of Sleep/Wake Behavior are Mediated by Midbrain Dopamine and Uncoupled from the Homeostatic and Circadian Processes. <i>Advanced Science</i> , 0, , 2200640.	5.6	3
51	A gain-of-function study of amelioration of pentylenetetrazole-induced seizures by endogenous prostaglandin D2. <i>Neuroscience Letters</i> , 2018, 686, 140-144.	1.0	2
52	Cellular Adaptation to Amino Acid Availability: Mechanisms Involved in the Regulation of Gene Expression. , 2006, , 92-105.		0