Yoan Cherasse

List of Publications by Year in Descending Order

51 papers	1,979 citations	24 h-index	44 g-index
56 ext. papers	2,510 ext. citations	8.6 avg, IF	4.39 L-index

#	Paper	IF	Citations
51	Rapid eye movement sleep is initiated by basolateral amygdala dopamine signaling in mice.. *Science* , **2022**, 375, 994-1000	33.3	4
50	Hypothalamic modulation of adult hippocampal neurogenesis in mice confers activity-dependent regulation of memory and anxiety-like behavior.. *Nature Neuroscience*, **2022**, 25, 630-645	25.5	1
49	Ventral pallidal GABAergic neurons control wakefulness associated with motivation through the ventral tegmental pathway. *Molecular Psychiatry*, **2021**, 26, 2912-2928	15.1	12
48	Medial Parabrachial Nucleus Is Essential in Controlling Wakefulness in Rats. *Frontiers in Neuroscience*, **2021**, 15, 645877	5.1	5
47	Induction of narcolepsy-like symptoms by orexin receptor antagonists in mice. *Sleep*, **2021**, 44,	1.1	2
46	Chronic Stress Induces Sex-Specific Functional and Morphological Alterations in Corticoaccumbal and Corticotegmental Pathways. *Biological Psychiatry*, **2021**, 90, 194-205	7.9	8
45	Open-Source Software for Real-time Calcium Imaging and Synchronized Neuron Firing Detection. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2021**, 2021, 2997-3003	0.9	1
44	Sparse Activity of Hippocampal Adult-Born Neurons during REM Sleep Is Necessary for Memory Consolidation. *Neuron*, **2020**, 107, 552-565.e10	13.9	35
43	Activation of adenosine A receptors in the olfactory tubercle promotes sleep in rodents. *Neuropharmacology*, **2020**, 168, 107923	5.5	6
42	Ablation of Ventral Midbrain/Pons GABA Neurons Induces Mania-like Behaviors with Altered Sleep Homeostasis and Dopamine DR-mediated Sleep Reduction. *IScience*, **2020**, 23, 101240	6.1	1
41	Extracellular adenosine and slow-wave sleep are increased after ablation of nucleus accumbens core astrocytes and neurons in mice. *Neurochemistry International*, **2019**, 124, 256-263	4.4	6
40	Miniaturized microscope with flexible light source input for neuronal imaging and manipulation in freely behaving animals. *Biochemical and Biophysical Research Communications*, **2019**, 517, 520-524	3.4	3
39	Enhancing endogenous adenosine A receptor signaling induces slow-wave sleep without affecting body temperature and cardiovascular function. *Neuropharmacology*, **2019**, 144, 122-132	5.5	15
38	Concise Review: Regulatory Influence of Sleep and Epigenetics on Adult Hippocampal Neurogenesis and Cognitive and Emotional Function. *Stem Cells*, **2018**, 36, 969-976	5.8	17
37	Nucleus accumbens controls wakefulness by a subpopulation of neurons expressing dopamine D receptors. *Nature Communications*, **2018**, 9, 1576	17.4	84
36	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. *Molecular Psychiatry*, **2018**, 23, 1717-1730	15.1	54
35	The rostromedial tegmental nucleus is essential for non-rapid eye movement sleep. *PLoS Biology*, **2018**, 16, e2002909	9.7	38

34	Sleep and Wakefulness Are Controlled by Ventral Medial Midbrain/Pons GABAergic Neurons in Mice. *Journal of Neuroscience*, **2018**, 38, 10080-10092	6.6	26
33	The Leptomeninges Produce Prostaglandin D Involved in Sleep Regulation in Mice. *Frontiers in Cellular Neuroscience*, **2018**, 12, 357	6.1	10
32	A gain-of-function study of amelioration of pentylenetetrazole-induced seizures by endogenous prostaglandin D. *Neuroscience Letters*, **2018**, 686, 140-144	3.3	2
31	Large-scale forward genetics screening identifies Trpa1 as a chemosensor for predator odor-evoked innate fear behaviors. *Nature Communications*, **2018**, 9, 2041	17.4	25
30	Activation of ventral tegmental area dopamine neurons produces wakefulness through dopamine D-like receptors in mice. *Brain Structure and Function*, **2017**, 222, 2907-2915	4	67
29	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. *Molecular Nutrition and Food Research*, **2017**, 61, 1600882	5.9	23
28	Slow-wave sleep is controlled by a subset of nucleus accumbens core neurons in mice. *Nature Communications*, **2017**, 8, 734	17.4	95
27	Activation of Parvalbumin Neurons in the Rostro-Dorsal Sector of the Thalamic Reticular Nucleus Promotes Sensitivity to Pain in Mice. *Neuroscience*, **2017**, 366, 113-123	3.9	12
26	Natural (Δ⁹THC) and synthetic (JWH-018) cannabinoids induce seizures by acting through the cannabinoid CB receptor. *Scientific Reports*, **2017**, 7, 10516	4.9	32
25	Adenosine A receptors in the olfactory bulb suppress rapid eye movement sleep in rodents. *Brain Structure and Function*, **2017**, 222, 1351-1366	4	19
24	Dietary Zinc Acts as a Sleep Modulator. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	42
23	Striatal adenosine A receptor neurons control active-period sleep via parvalbumin neurons in external globus pallidus. *ELife*, **2017**, 6,	8.9	45
22	The neostriatum: two entities, one structure?. *Brain Structure and Function*, **2016**, 221, 1737-49	4	23
21	mDia and ROCK Mediate Actin-Dependent Presynaptic Remodeling Regulating Synaptic Efficacy and Anxiety. *Cell Reports*, **2016**, 17, 2405-2417	10.6	20
20	Basal Forebrain Cholinergic Neurons Primarily Contribute to Inhibition of Electroencephalogram Delta Activity, Rather Than Inducing Behavioral Wakefulness in Mice. *Neuropsychopharmacology*, **2016**, 41, 2133-46	8.7	76
19	Chemogenetic inhibition of the medial prefrontal cortex reverses the effects of REM sleep loss on sucrose consumption. *ELife*, **2016**, 5,	8.9	9
18	Zinc-containing yeast extract promotes nonrapid eye movement sleep in mice. *Molecular Nutrition and Food Research*, **2015**, 59, 2087-93	5.9	12
17	Projections of nucleus accumbens adenosine A2A receptor neurons in the mouse brain and their implications in mediating sleep-wake regulation. *Frontiers in Neuroanatomy*, **2013**, 7, 43	3.6	34

16	Amino acid deprivation regulates the stress-inducible gene p8 via the GCN2/ATF4 pathway. *Biochemical and Biophysical Research Communications*, **2011**, 413, 24-9	3.4	14
15	Overview of sleep and sleep medicine in Asian countries. *Sleep and Biological Rhythms*, **2011**, 9, 84-89	1.3	7
14	miR-124a is required for hippocampal axogenesis and retinal cone survival through Lhx2 suppression. *Nature Neuroscience*, **2011**, 14, 1125-34	25.5	216
13	Arousal effect of caffeine depends on adenosine A2A receptors in the shell of the nucleus accumbens. *Journal of Neuroscience*, **2011**, 31, 10067-75	6.6	211
12	Molecular mechanisms involved in the adaptation to amino acid limitation in mammals. *Biochimie*, **2010**, 92, 736-45	4.6	48
11	Identification of a novel amino acid response pathway triggering ATF2 phosphorylation in mammals. *Molecular and Cellular Biology*, **2009**, 29, 6515-26	4.8	46
10	Amino acid limitation regulates the expression of genes involved in several specific biological processes through GCN2-dependent and GCN2-independent pathways. *FEBS Journal*, **2009**, 276, 707-18	5.7	101
9	Amino acids as regulators of gene expression in mammals: molecular mechanisms. *BioFactors*, **2009**, 35, 249-57	6.1	34
8	Role of the repressor JDP2 in the amino acid-regulated transcription of CHOP. *FEBS Letters*, **2008**, 582, 1537-41	3.8	26
7	Amino-acid limitation induces the GCN2 signaling pathway in myoblasts but not in myotubes. *Biochimie*, **2008**, 90, 1716-21	4.6	6
6	TRB3 inhibits the transcriptional activation of stress-regulated genes by a negative feedback on the ATF4 pathway. *Journal of Biological Chemistry*, **2007**, 282, 15851-61	5.4	118
5	The p300/CBP-associated factor (PCAF) is a cofactor of ATF4 for amino acid-regulated transcription of CHOP. *Nucleic Acids Research*, **2007**, 35, 5954-65	20.1	63
4	ATF2 is required for amino acid-regulated transcription by orchestrating specific histone acetylation. *Nucleic Acids Research*, **2007**, 35, 1312-21	20.1	46
3	Cellular Adaptation to Amino Acid Availability: Mechanisms Involved in the Regulation of Gene Expression **2006**, 92-105		
2	The GCN2 kinase biases feeding behavior to maintain amino acid homeostasis in omnivores. *Cell Metabolism*, **2005**, 1, 273-7	24.6	164
1	Chorionic villus sampling (CVS) and fluorescence in situ hybridization (FISH) for a rapid first-trimester prenatal diagnosis. *Prenatal Diagnosis*, **2004**, 24, 249-56	3.2	11