

# Zhi-Li Huang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146  
papers

5,013  
citations

37  
h-index

67  
g-index

160  
ext. papers

6,089  
ext. citations

5.9  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
146	Case Report: Dysfunction of the Paraventricular Hypothalamic Nucleus Area Induces Hypersomnia in Patients.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 830474	5.1	1
145	Roles of Neuropeptides in Sleep-Wake Regulation.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
144	Hypothalamic modulation of adult hippocampal neurogenesis in mice confers activity-dependent regulation of memory and anxiety-like behavior.. <i>Nature Neuroscience</i> , <b>2022</b> , 25, 630-645	25.5	1
143	Lipocalin-type prostaglandin D synthase levels increase in patients with narcolepsy and idiopathic hypersomnia. <i>Sleep</i> , <b>2021</b> , 44,	1.1	3
142	Dysfunctions of the paraventricular hypothalamic nucleus induce hypersomnia in mice. <i>ELife</i> , <b>2021</b> , 10,	8.9	5
141	NIR Light-Triggered Quantitative Pulsed Drug Release. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2102362	10.1	2
140	Ventral pallidal GABAergic neurons control wakefulness associated with motivation through the ventral tegmental pathway. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2912-2928	15.1	12
139	Hypnotic activities of Zao Ren An Shen capsule, a traditional Chinese medicine, in an anxiety-like mouse model. <i>Sleep and Breathing</i> , <b>2021</b> , 25, 1613-1623	3.1	2
138	Control of wakefulness by lateral hypothalamic glutamatergic neurons in male mice. <i>Journal of Neuroscience Research</i> , <b>2021</b> , 99, 1689-1703	4.4	2
137	Medial Parabrachial Nucleus Is Essential in Controlling Wakefulness in Rats. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 645877	5.1	5
136	Pten is a key intrinsic factor regulating raphe 5-HT neuronal plasticity and depressive behaviors in mice. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 186	8.6	5
135	Noninvasive Ultrasound Stimulation of Ventral Tegmental Area Induces Reanimation from General Anaesthesia in Mice. <i>Research</i> , <b>2021</b> , 2021, 2674692	7.8	6
134	Nucleus accumbens neurons expressing dopamine D1 receptors modulate states of consciousness in sevoflurane anesthesia. <i>Current Biology</i> , <b>2021</b> , 31, 1893-1902.e5	6.3	8
133	CDKL5 deficiency in forebrain glutamatergic neurons results in recurrent spontaneous seizures. <i>Epilepsia</i> , <b>2021</b> , 62, 517-528	6.4	7
132	Chronic modafinil therapy ameliorates depressive-like behavior, spatial memory and hippocampal plasticity impairments, and sleep-wake changes in a surgical mouse model of menopause. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 116	8.6	2
131	Whole-brain monosynaptic inputs and outputs of glutamatergic neurons of the vestibular nuclei complex in mice. <i>Hearing Research</i> , <b>2021</b> , 401, 108159	3.9	2
130	Neural circuitry underlying REM sleep: A review of the literature and current concepts. <i>Progress in Neurobiology</i> , <b>2021</b> , 204, 102106	10.9	4

129	Presynaptic inputs to vasopressin neurons in the hypothalamic supraoptic nucleus and paraventricular nucleus in mice. <i>Experimental Neurology</i> , <b>2021</b> , 343, 113784	5.7	1
128	Saikosaponin a promotes sleep by decreasing neuronal activities in the lateral hypothalamus. <i>Journal of Sleep Research</i> , <b>2021</b> , e13484	5.8	1
127	Sleep Deprivation Disturbs Immune Surveillance and Promotes the Progression of Hepatocellular Carcinoma. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 727959	8.4	1
126	Melatonin supplementation in the subacute phase after ischemia alleviates postischemic sleep disturbances in rats. <i>Brain and Behavior</i> , <b>2021</b> , 11, e2366	3.4	2
125	Mesencephalic dopamine neurons are essential for modafinil-induced arousal. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 4808-4825	8.6	0
124	Adenosine A receptor neurons in the olfactory bulb mediate odor-guided behaviors in mice. <i>Brain Research</i> , <b>2021</b> , 1768, 147590	3.7	
123	Does Chronic Sleep Fragmentation Lead to Alzheimer's Disease in Young Wild-Type Mice?. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 759983	5.3	0
122	Lesion of intergeniculate leaflet GABAergic neurons attenuates sleep in mice exposed to light. <i>Sleep</i> , <b>2020</b> , 43,	1.1	4
121	Whole-Brain Monosynaptic Inputs to Hypoglossal Motor Neurons in Mice. <i>Neuroscience Bulletin</i> , <b>2020</b> , 36, 585-597	4.3	10
120	An Overview of Roles of the Basal Ganglia in Sleep-Wake Regulation <b>2020</b> , 9-15		
119	The Rostromedial Tegmental Nucleus: Anatomical Studies and Roles in Sleep and Substance Addictions in Rats and Mice. <i>Nature and Science of Sleep</i> , <b>2020</b> , 12, 1215-1223	3.6	1
118	Ablation of olfactory bulb glutamatergic neurons induces depressive-like behaviors and sleep disturbances in mice. <i>Psychopharmacology</i> , <b>2020</b> , 237, 2517-2530	4.7	6
117	Striatopallidal Pathway Distinctly Modulates Goal-Directed Valuation and Acquisition of Instrumental Behavior via Striatopallidal Output Projections. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 1366-1381	5.1	2
116	Temporal dynamics of Arc/Arg3.1 expression in the dorsal striatum during acquisition and consolidation of a motor skill in mice. <i>Neurobiology of Learning and Memory</i> , <b>2020</b> , 168, 107156	3.1	3
115	Activation of adenosine A receptors in the olfactory tubercle promotes sleep in rodents. <i>Neuropharmacology</i> , <b>2020</b> , 168, 107923	5.5	6
114	High cortical delta power correlates with aggravated allodynia by activating anterior cingulate cortex GABAergic neurons in neuropathic pain mice. <i>Pain</i> , <b>2020</b> , 161, 288-299	8	8
113	Sevoflurane depresses neurons in the medial parabrachial nucleus by potentiating postsynaptic GABA receptors and background potassium channels. <i>Neuropharmacology</i> , <b>2020</b> , 181, 108249	5.5	10
112	Propagated $\beta$ -synucleinopathy recapitulates REM sleep behaviour disorder followed by parkinsonian phenotypes in mice. <i>Brain</i> , <b>2020</b> , 143, 3374-3392	11.2	15

111	Differential activating effects of thyrotropin-releasing hormone and its analog taltirelin on motor output to the tongue musculature in vivo. <i>Sleep</i> , <b>2020</b> , 43,	1.1	2
110	Superior Colliculus GABAergic Neurons Are Essential for Acute Dark Induction of Wakefulness in Mice. <i>Current Biology</i> , <b>2019</b> , 29, 637-644.e3	6.3	18
109	The anxiolytic effects of Bai Le Mian capsule, a traditional Chinese hypnotic in mice. <i>Sleep and Biological Rhythms</i> , <b>2019</b> , 17, 191-201	1.3	
108	Oral Delivery of Honokiol Microparticles for Nonrapid Eye Movement Sleep. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 737-743	5.6	3
107	Glutamate Activates the Histaminergic Tuberomammillary Nucleus and Increases Wakefulness in Rats. <i>Neuroscience</i> , <b>2019</b> , 413, 86-98	3.9	10
106	Dopamine D and D receptors mediate analgesic and hypnotic effects of l-tetrahydropalmatine in a mouse neuropathic pain model. <i>Psychopharmacology</i> , <b>2019</b> , 236, 3169-3182	4.7	16
105	Whole-Brain Neural Connectivity to Lateral Pontine Tegmentum GABAergic Neurons in Mice. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 375	5.1	11
104	Ethanol Induces Sedation and Hypnosis via Inhibiting Histamine Release in Mice. <i>Neurochemical Research</i> , <b>2019</b> , 44, 1764-1772	4.6	2
103	Dorsal Striatum Dopamine Levels Fluctuate Across the Sleep-Wake Cycle and Respond to Salient Stimuli in Mice. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 242	5.1	26
102	Adenosine and Sleep. <i>Handbook of Experimental Pharmacology</i> , <b>2019</b> , 253, 359-381	3.2	32
101	Alteration in sleep architecture and electroencephalogram as an early sign of Alzheimer's disease preceding the disease pathology and cognitive decline. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 590-597	1.2	26
100	Activation of Parabrachial Nucleus Glutamatergic Neurons Accelerates Reanimation from Sevoflurane Anesthesia in Mice. <i>Anesthesiology</i> , <b>2019</b> , 130, 106-118	4.3	22
99	The Mutual Interaction Between Sleep and Epilepsy on the Neurobiological Basis and Therapy. <i>Current Neuropharmacology</i> , <b>2018</b> , 16, 5-16	7.6	19
98	Nucleus accumbens controls wakefulness by a subpopulation of neurons expressing dopamine D receptors. <i>Nature Communications</i> , <b>2018</b> , 9, 1576	17.4	84
97	The rostromedial tegmental nucleus is essential for non-rapid eye movement sleep. <i>PLoS Biology</i> , <b>2018</b> , 16, e2002909	9.7	38
96	Whole-Brain Monosynaptic Afferent Projections to the Cholecystinin Neurons of the Suprachiasmatic Nucleus. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 807	5.1	15
95	Ultradian calcium rhythms in the paraventricular nucleus and subparaventricular zone in the hypothalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E9469-E9478	11.5	20
94	Adenosine A receptor deficiency attenuates the somnogenic effect of prostaglandin D in mice. <i>Acta Pharmacologica Sinica</i> , <b>2017</b> , 38, 469-476	8	15

93	Activation of the ventral tegmental area increased wakefulness in mice. <i>Sleep and Biological Rhythms</i> , <b>2017</b> , 15, 107-115	1.3	11
92	Dcf1 Improves Behavior Deficit in Drosophila and Mice Caused by Optogenetic Suppression. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 4210-4215	4.7	1
91	Helicid alleviates pain and sleep disturbances in a neuropathic pain-like model in mice. <i>Journal of Sleep Research</i> , <b>2017</b> , 26, 386-393	5.8	14
90	Red light at intensities above 10 lx alters sleep-wake behavior in mice. <i>Light: Science and Applications</i> , <b>2017</b> , 6, e16231	16.7	47
89	Slow-wave sleep is controlled by a subset of nucleus accumbens core neurons in mice. <i>Nature Communications</i> , <b>2017</b> , 8, 734	17.4	95
88	Adenosine A receptor mediates hypnotic effects of ethanol in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 12678	4.9	7
87	Activation of Parvalbumin Neurons in the Rostro-Dorsal Sector of the Thalamic Reticular Nucleus Promotes Sensitivity to Pain in Mice. <i>Neuroscience</i> , <b>2017</b> , 366, 113-123	3.9	12
86	Neural Plasticity Is Involved in Physiological Sleep, Depressive Sleep Disturbances, and Antidepressant Treatments. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 5870735	3.3	8
85	A novel neurological function of rice bran: a standardized rice bran supplement promotes non-rapid eye movement sleep in mice through histamine H receptors. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700316	5.9	15
84	Entire Frequency Domain Analysis of Rodent EEG and EMG Recordings Using Relative Thresholds. <i>Sleep and Vigilance</i> , <b>2017</b> , 1, 13-19	1.4	2
83	Interleukin-1 $\beta$ induces sleep independent of prostaglandin D in rats and mice. <i>Neuroscience</i> , <b>2017</b> , 340, 258-267	3.9	5
82	Adenosine A receptors in the olfactory bulb suppress rapid eye movement sleep in rodents. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1351-1366	4	19
81	Striatal adenosine A receptor neurons control active-period sleep via parvalbumin neurons in external globus pallidus. <i>ELife</i> , <b>2017</b> , 6,	8.9	45
80	Optogenetic Activation of Adenosine A2A Receptor Signaling in the Dorsomedial Striatopallidal Neurons Suppresses Goal-Directed Behavior. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1003-13	8.7	48
79	Paeoniflorin Promotes Non-rapid Eye Movement Sleep via Adenosine A1 Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 64-73	4.7	13
78	Basal Forebrain Cholinergic Neurons Primarily Contribute to Inhibition of Electroencephalogram Delta Activity, Rather Than Inducing Behavioral Wakefulness in Mice. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2133-46	8.7	76
77	Paeoniflorin exerts analgesic and hypnotic effects via adenosine A1 receptors in a mouse neuropathic pain model. <i>Psychopharmacology</i> , <b>2016</b> , 233, 281-93	4.7	30
76	Signaling mechanism underlying the histamine-modulated action of hypoglossal motoneurons. <i>Journal of Neurochemistry</i> , <b>2016</b> , 137, 277-86	6	7

75	Ethanol inhibits histaminergic neurons in mouse tuberomammillary nucleus slices via potentiating GABAergic transmission onto the neurons at both pre- and postsynaptic sites. <i>Acta Pharmacologica Sinica</i> , <b>2016</b> , 37, 1325-1336	8	4
74	Gelsemine alleviates both neuropathic pain and sleep disturbance in partial sciatic nerve ligation mice. <i>Acta Pharmacologica Sinica</i> , <b>2015</b> , 36, 1308-17	8	27
73	Osamu Hayaishi-from the discovery of oxygenases in soil microorganisms to unraveling the enigma of sleep in mammals. <i>Temperature</i> , <b>2015</b> , 2, 303-7	5.2	2
72	The Neurobiological Mechanisms and Treatments of REM Sleep Disturbances in Depression. <i>Current Neuropharmacology</i> , <b>2015</b> , 13, 543-53	7.6	46
71	Antinociceptive and hypnotic activities of pregabalin in a neuropathic pain-like model in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2015</b> , 135, 31-9	3.9	22
70	Doxepin and diphenhydramine increased non-rapid eye movement sleep through blockade of histamine H1 receptors. <i>Pharmacology Biochemistry and Behavior</i> , <b>2015</b> , 129, 56-64	3.9	13
69	Marine polyphenol phlorotannins promote non-rapid eye movement sleep in mice via the benzodiazepine site of the GABAA receptor. <i>Psychopharmacology</i> , <b>2014</b> , 231, 2825-37	4.7	33
68	GABA transporter-1 inhibitor NO-711 alters the EEG power spectra and enhances non-rapid eye movement sleep during the active phase in mice. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, 585-94	1.2	10
67	5-HT3A receptors are required in long-term depression and AMPA receptor internalization. <i>Neuroscience</i> , <b>2014</b> , 278, 105-12	3.9	6
66	Roles of adenosine and its receptors in sleep-wake regulation. <i>International Review of Neurobiology</i> , <b>2014</b> , 119, 349-71	4.4	78
65	Piromelatine exerts antinociceptive effect via melatonin, opioid, and 5HT1A receptors and hypnotic effect via melatonin receptors in a mouse model of neuropathic pain. <i>Psychopharmacology</i> , <b>2014</b> , 231, 3973-85	4.7	27
64	Prostaglandin D(2) is crucial for seizure suppression and postictal sleep. <i>Experimental Neurology</i> , <b>2014</b> , 253, 82-90	5.7	30
63	Selective activation of cholinergic basal forebrain neurons induces immediate sleep-wake transitions. <i>Current Biology</i> , <b>2014</b> , 24, 693-8	6.3	89
62	A mouse model mimicking human first night effect for the evaluation of hypnotics. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 116, 129-36	3.9	25
61	Neuronal activity (c-Fos) delineating interactions of the cerebral cortex and basal ganglia. <i>Frontiers in Neuroanatomy</i> , <b>2014</b> , 8, 13	3.6	10
60	Orexin A activates hypoglossal motoneurons and enhances genioglossus muscle activity in rats. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 4233-46	8.6	17
59	Keeping the right time in space: importance of circadian clock and sleep for physiology and performance of astronauts. <i>Military Medical Research</i> , <b>2014</b> , 1, 23	19.3	30
58	Rapid eye movement sleep behavior disorder. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 793-8	7.6	11

57	Role of the basal ganglia in the control of sleep and wakefulness. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 780-5	7.6	96
56	Morphine inhibits sleep-promoting neurons in the ventrolateral preoptic area via mu receptors and induces wakefulness in rats. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 791-801	8.7	37
55	Essential roles of GABA transporter-1 in controlling rapid eye movement sleep and in increased slow wave activity after sleep deprivation. <i>PLoS ONE</i> , <b>2013</b> , 8, e75823	3.7	3
54	Roles of adrenergic $\alpha$ and dopamine D1 and D2 receptors in the mediation of the desynchronization effects of modafinil in a mouse EEG synchronization model. <i>PLoS ONE</i> , <b>2013</b> , 8, e76102	3.7	9
53	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> , <b>2013</b> , 7, 43	3.6	34
52	Safranal enhances non-rapid eye movement sleep in pentobarbital-treated mice. <i>CNS Neuroscience and Therapeutics</i> , <b>2012</b> , 18, 623-30	6.8	23
51	Honokiol promotes non-rapid eye movement sleep via the benzodiazepine site of the GABA(A) receptor in mice. <i>British Journal of Pharmacology</i> , <b>2012</b> , 167, 587-98	8.6	41
50	Curcumin exerts antinociceptive effects in a mouse model of neuropathic pain: descending monoamine system and opioid receptors are differentially involved. <i>Neuropharmacology</i> , <b>2012</b> , 62, 843-54	5.5	125
49	Genistein induces non-rapid eye movement sleep in mice. <i>Sleep and Biological Rhythms</i> , <b>2012</b> , 10, 278-286	3	1
48	Lesions of suprachiasmatic nucleus modify sleep structure but do not alter the total amount of daily sleep in rats. <i>Sleep and Biological Rhythms</i> , <b>2012</b> , 10, 293-301	1.3	6
47	Dopamine is involved in food-anticipatory activity in mice. <i>Journal of Biological Rhythms</i> , <b>2012</b> , 27, 398-409	3	41
46	How do the basal ganglia regulate sleep-wake behavior?. <i>Trends in Neurosciences</i> , <b>2012</b> , 35, 723-32	13.3	93
45	Magnolol, a major bioactive constituent of the bark of <i>Magnolia officinalis</i> , induces sleep via the benzodiazepine site of GABA(A) receptor in mice. <i>Neuropharmacology</i> , <b>2012</b> , 63, 1191-9	5.5	34
44	Repeated sleep restriction in adolescent rats altered sleep patterns and impaired spatial learning/memory ability. <i>Sleep</i> , <b>2012</b> , 35, 849-59	1.1	29
43	Crocin promotes non-rapid eye movement sleep in mice. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 304-8	5.9	39
42	Acute administration of fluoxetine normalizes rapid eye movement sleep abnormality, but not depressive behaviors in olfactory bulbectomized rats. <i>Journal of Neurochemistry</i> , <b>2012</b> , 120, 314-24	6	27
41	Promotion of non-rapid eye movement sleep in mice after oral administration of ornithine. <i>Sleep and Biological Rhythms</i> , <b>2012</b> , 10, 38-45	1.3	25
40	Effects of synthetic cannabinoids on electroencephalogram power spectra in rats. <i>Forensic Science International</i> , <b>2012</b> , 215, 179-83	2.6	16

39	The role of nucleus accumbens core/shell in sleep-wake regulation and their involvement in modafinil-induced arousal. <i>PLoS ONE</i> , <b>2012</b> , 7, e45471	3-7	48
38	The role of adenosine in the regulation of sleep. <i>Current Topics in Medicinal Chemistry</i> , <b>2011</b> , 11, 1047-573		133
37	Key roles of the histaminergic system in sleep/wake regulation. <i>Sleep and Biological Rhythms</i> , <b>2011</b> , 9, 34-37	1-3	2
36	Selection of optimal epoch duration in assessment of rodent sleep/wake profiles. <i>Sleep and Biological Rhythms</i> , <b>2011</b> , 9, 46-55	1-3	21
35	Arousal effect of caffeine depends on adenosine A2A receptors in the shell of the nucleus accumbens. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 10067-75	6.6	211
34	Adenosine and Sleep-Wake Regulation. <i>Sheng Wu Wu Li Hsueh Bao</i> , <b>2011</b> , 27, 5-17		2
33	Essential role of dopamine D2 receptor in the maintenance of wakefulness, but not in homeostatic regulation of sleep, in mice. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 4382-9	6.6	136
32	D(1)/D(2) receptor-targeting L-stepholidine, an active ingredient of the Chinese herb Stephonia, induces non-rapid eye movement sleep in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2009</b> , 94, 16-23 <sup>3,9</sup>		34
31	Hastatoside and verbenalin are sleep-promoting components in <i>Verbena officinalis</i> . <i>Sleep and Biological Rhythms</i> , <b>2009</b> , 7, 211-217	1-3	20
30	Algorithm for sleep scoring in experimental animals based on fast Fourier transform power spectrum analysis of the electroencephalogram. <i>Sleep and Biological Rhythms</i> , <b>2008</b> , 6, 163-171	1-3	62
29	Gene expression in the rat brain during prostaglandin D2 and adenosinergically-induced sleep. <i>Journal of Neurochemistry</i> , <b>2008</b> , 105, 1480-98	6	5
28	Dopaminergic D1 and D2 receptors are essential for the arousal effect of modafinil. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 8462-9	6.6	188
27	Adenosine in the tuberomammillary nucleus inhibits the histaminergic system via A1 receptors and promotes non-rapid eye movement sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19992-7	11.5	109
26	Drug delivery through a chronically implanted stomach catheter improves efficiency of evaluating wake-promoting components. <i>Journal of Neuroscience Methods</i> , <b>2008</b> , 175, 58-63	3	5
25	Lipocalin-type prostaglandin D synthase/beta-trace is a major amyloid beta-chaperone in human cerebrospinal fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6412-7	11.5	118
24	Adenosine A2A receptors in ventral striatum, hypothalamus and nociceptive circuitry implications for drug addiction, sleep and pain. <i>Progress in Neurobiology</i> , <b>2007</b> , 83, 332-47	10.9	105
23	Modafinil exerts a dose-dependent antiepileptic effect mediated by adrenergic alpha1 and histaminergic H1 receptors in mice. <i>Neuropharmacology</i> , <b>2007</b> , 53, 534-41	5.5	23
22	Deep brain stimulation of the posterior hypothalamus activates the histaminergic system to exert antiepileptic effect in rat pentylenetetrazol model. <i>Experimental Neurology</i> , <b>2007</b> , 205, 132-44	5.7	45



21	Prostaglandins and adenosine in the regulation of sleep and wakefulness. <i>Current Opinion in Pharmacology</i> , <b>2007</b> , 7, 33-8	5.1	170
20	Altered sleep-wake characteristics and lack of arousal response to H3 receptor antagonist in histamine H1 receptor knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 4687-92	11.5	142
19	Lipocalin-type prostaglandin D synthase produces prostaglandin D2 involved in regulation of physiological sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 17949-54	11.5	129
18	Fasting-induced reduction in locomotor activity and reduced response of orexin neurons in carnitine-deficient mice. <i>Neuroscience Research</i> , <b>2006</b> , 55, 78-86	2.9	23
17	An adenosine A receptor agonist induces sleep by increasing GABA release in the tuberomammillary nucleus to inhibit histaminergic systems in rats. <i>Journal of Neurochemistry</i> , <b>2005</b> , 92, 1542-9	6	120
16	Adenosine A2A, but not A1, receptors mediate the arousal effect of caffeine. <i>Nature Neuroscience</i> , <b>2005</b> , 8, 858-9	25.5	481
15	Orexin A promotes histamine, but not norepinephrine or serotonin, release in frontal cortex of mice. <i>Acta Pharmacologica Sinica</i> , <b>2005</b> , 26, 155-9	8	21
14	Molecular mechanism of prostaglandin D2-mediated non-REM sleep homeostasis studied by gene-knockout mice. <i>Sleep and Biological Rhythms</i> , <b>2004</b> , 2, S17-S18	1.3	1
13	Histaminergic role in sleep-wake cycle of orexin, adenosine, and prostaglandin E2 and D2. <i>Sleep and Biological Rhythms</i> , <b>2004</b> , 2, S21-S22	1.3	
12	Adenosine A2A receptor deficiency attenuates the somnogenic effect of prostaglandin D2. <i>Sleep and Biological Rhythms</i> , <b>2004</b> , 2, S55-S55	1.3	1
11	Lack of rebound of non-rapid eye movement sleep after sleep deprivation in adenosine A2A receptor knockout mice. <i>Sleep and Biological Rhythms</i> , <b>2004</b> , 2, S56-S56	1.3	1
10	Extracellular histamine level in the frontal cortex is positively correlated with the amount of wakefulness in rats. <i>Neuroscience Research</i> , <b>2004</b> , 49, 417-20	2.9	60
9	Role of orexin and prostaglandin E(2) in activating histaminergic neurotransmission. <i>Drug News and Perspectives</i> , <b>2004</b> , 17, 105-9		16
8	Prostaglandin E2 activates the histaminergic system via the EP4 receptor to induce wakefulness in rats. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 5975-83	6.6	58
7	Dominant localization of adenosine deaminase in leptomeninges and involvement of the enzyme in sleep. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 312, 29-34	3.4	26
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