

Wei-Min Qu

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

81
papers

2,972
citations

27
h-index

53
g-index

87
ext. papers

3,640
ext. citations

6
avg, IF

4.86
L-index

#	Paper	IF	Citations
81	Case Report: Dysfunction of the Paraventricular Hypothalamic Nucleus Area Induces Hypersomnia in Patients.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 830474	5.1	1
80	Dysfunctions of the paraventricular hypothalamic nucleus induce hypersomnia in mice. <i>ELife</i> , 2021 , 10,	8.9	5
79	Ventral pallidal GABAergic neurons control wakefulness associated with motivation through the ventral tegmental pathway. <i>Molecular Psychiatry</i> , 2021 , 26, 2912-2928	15.1	12
78	Hypnotic activities of Zao Ren An Shen capsule, a traditional Chinese medicine, in an anxiety-like mouse model. <i>Sleep and Breathing</i> , 2021 , 25, 1613-1623	3.1	2
77	Control of wakefulness by lateral hypothalamic glutamatergic neurons in male mice. <i>Journal of Neuroscience Research</i> , 2021 , 99, 1689-1703	4.4	2
76	Medial Parabrachial Nucleus Is Essential in Controlling Wakefulness in Rats. <i>Frontiers in Neuroscience</i> , 2021 , 15, 645877	5.1	5
75	Nucleus accumbens neurons expressing dopamine D1 receptors modulate states of consciousness in sevoflurane anesthesia. <i>Current Biology</i> , 2021 , 31, 1893-1902.e5	6.3	8
74	Whole-brain monosynaptic inputs and outputs of glutamatergic neurons of the vestibular nuclei complex in mice. <i>Hearing Research</i> , 2021 , 401, 108159	3.9	2
73	Neural circuitry underlying REM sleep: A review of the literature and current concepts. <i>Progress in Neurobiology</i> , 2021 , 204, 102106	10.9	4
72	Presynaptic inputs to vasopressin neurons in the hypothalamic supraoptic nucleus and paraventricular nucleus in mice. <i>Experimental Neurology</i> , 2021 , 343, 113784	5.7	1
71	Saikosaponin a promotes sleep by decreasing neuronal activities in the lateral hypothalamus. <i>Journal of Sleep Research</i> , 2021 , e13484	5.8	1
70	Melatonin supplementation in the subacute phase after ischemia alleviates postischemic sleep disturbances in rats. <i>Brain and Behavior</i> , 2021 , 11, e2366	3.4	2
69	Mesencephalic dopamine neurons are essential for modafinil-induced arousal. <i>British Journal of Pharmacology</i> , 2021 , 178, 4808-4825	8.6	0
68	Lesion of intergeniculate leaflet GABAergic neurons attenuates sleep in mice exposed to light. <i>Sleep</i> , 2020 , 43,	1.1	4
67	Whole-Brain Monosynaptic Inputs to Hypoglossal Motor Neurons in Mice. <i>Neuroscience Bulletin</i> , 2020 , 36, 585-597	4.3	10
66	An Overview of Roles of the Basal Ganglia in Sleep-Wake Regulation 2020 , 9-15		
65	The Rostromedial Tegmental Nucleus: Anatomical Studies and Roles in Sleep and Substance Addictions in Rats and Mice. <i>Nature and Science of Sleep</i> , 2020 , 12, 1215-1223	3.6	1

64	Ablation of olfactory bulb glutamatergic neurons induces depressive-like behaviors and sleep disturbances in mice. <i>Psychopharmacology</i> , 2020 , 237, 2517-2530	4.7	6
63	Activation of adenosine A receptors in the olfactory tubercle promotes sleep in rodents. <i>Neuropharmacology</i> , 2020 , 168, 107923	5.5	6
62	High cortical delta power correlates with aggravated allodynia by activating anterior cingulate cortex GABAergic neurons in neuropathic pain mice. <i>Pain</i> , 2020 , 161, 288-299	8	8
61	Sevoflurane depresses neurons in the medial parabrachial nucleus by potentiating postsynaptic GABA receptors and background potassium channels. <i>Neuropharmacology</i> , 2020 , 181, 108249	5.5	10
60	Superior Colliculus GABAergic Neurons Are Essential for Acute Dark Induction of Wakefulness in Mice. <i>Current Biology</i> , 2019 , 29, 637-644.e3	6.3	18
59	The anxiolytic effects of Bai Le Mian capsule, a traditional Chinese hypnotic in mice. <i>Sleep and Biological Rhythms</i> , 2019 , 17, 191-201	1.3	
58	Glutamate Activates the Histaminergic Tuberomammillary Nucleus and Increases Wakefulness in Rats. <i>Neuroscience</i> , 2019 , 413, 86-98	3.9	10
57	Dopamine D and D receptors mediate analgesic and hypnotic effects of l-tetrahydropalmatine in a mouse neuropathic pain model. <i>Psychopharmacology</i> , 2019 , 236, 3169-3182	4.7	16
56	Whole-Brain Neural Connectivity to Lateral Pontine Tegmentum GABAergic Neurons in Mice. <i>Frontiers in Neuroscience</i> , 2019 , 13, 375	5.1	11
55	Dorsal Striatum Dopamine Levels Fluctuate Across the Sleep-Wake Cycle and Respond to Salient Stimuli in Mice. <i>Frontiers in Neuroscience</i> , 2019 , 13, 242	5.1	26
54	Activation of Parabrachial Nucleus Glutamatergic Neurons Accelerates Reanimation from Sevoflurane Anesthesia in Mice. <i>Anesthesiology</i> , 2019 , 130, 106-118	4.3	22
53	The Mutual Interaction Between Sleep and Epilepsy on the Neurobiological Basis and Therapy. <i>Current Neuropharmacology</i> , 2018 , 16, 5-16	7.6	19
52	Nucleus accumbens controls wakefulness by a subpopulation of neurons expressing dopamine D receptors. <i>Nature Communications</i> , 2018 , 9, 1576	17.4	84
51	The rostromedial tegmental nucleus is essential for non-rapid eye movement sleep. <i>PLoS Biology</i> , 2018 , 16, e2002909	9.7	38
50	Whole-Brain Monosynaptic Afferent Projections to the Cholecystokinin Neurons of the Suprachiasmatic Nucleus. <i>Frontiers in Neuroscience</i> , 2018 , 12, 807	5.1	15
49	Oral Delivered Dexmedetomidine Promotes and Consolidates Non-rapid Eye Movement Sleep via Sleep-Wake Regulation Systems in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1196	5.6	7
48	Adenosine A receptor deficiency attenuates the somnogenic effect of prostaglandin D in mice. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 469-476	8	15
47	Red light at intensities above 10 lx alters sleep-wake behavior in mice. <i>Light: Science and Applications</i> , 2017 , 6, e16231	16.7	47

46	Slow-wave sleep is controlled by a subset of nucleus accumbens core neurons in mice. <i>Nature Communications</i> , 2017 , 8, 734	17.4	95
45	Adenosine A receptor mediates hypnotic effects of ethanol in mice. <i>Scientific Reports</i> , 2017 , 7, 12678	4.9	7
44	Entire Frequency Domain Analysis of Rodent EEG and EMG Recordings Using Relative Thresholds. <i>Sleep and Vigilance</i> , 2017 , 1, 13-19	1.4	2
43	Interleukin-1 β induces sleep independent of prostaglandin D in rats and mice. <i>Neuroscience</i> , 2017 , 340, 258-267	3.9	5
42	Adenosine A receptors in the olfactory bulb suppress rapid eye movement sleep in rodents. <i>Brain Structure and Function</i> , 2017 , 222, 1351-1366	4	19
41	Striatal adenosine A receptor neurons control active-period sleep via parvalbumin neurons in external globus pallidus. <i>ELife</i> , 2017 , 6,	8.9	45
40	Paeoniflorin Promotes Non-rapid Eye Movement Sleep via Adenosine A1 Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 64-73	4.7	13
39	Basal Forebrain Cholinergic Neurons Primarily Contribute to Inhibition of Electroencephalogram Delta Activity, Rather Than Inducing Behavioral Wakefulness in Mice. <i>Neuropsychopharmacology</i> , 2016 , 41, 2133-46	8.7	76
38	Paeoniflorin exerts analgesic and hypnotic effects via adenosine A1 receptors in a mouse neuropathic pain model. <i>Psychopharmacology</i> , 2016 , 233, 281-93	4.7	30
37	Signaling mechanism underlying the histamine-modulated action of hypoglossal motoneurons. <i>Journal of Neurochemistry</i> , 2016 , 137, 277-86	6	7
36	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> , 2016 , 37, 1325-1336	8	4
35	Fasting activated histaminergic neurons and enhanced arousal effect of caffeine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 133, 164-73	3.9	7
34	Gelsemine alleviates both neuropathic pain and sleep disturbance in partial sciatic nerve ligation mice. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 1308-17	8	27
33	Antinociceptive and hypnotic activities of pregabalin in a neuropathic pain-like model in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 135, 31-9	3.9	22
32	Doxepin and diphenhydramine increased non-rapid eye movement sleep through blockade of histamine H1 receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 129, 56-64	3.9	13
31	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> , 2014 , 24, 585-94	1.2	10
30	Roles of adenosine and its receptors in sleep-wake regulation. <i>International Review of Neurobiology</i> , 2014 , 119, 349-71	4.4	78
29	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> , 2014 , 231, 3973-85	4.7	27

28	A mouse model mimicking human first night effect for the evaluation of hypnotics. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 116, 129-36	3.9	25
27	Keeping the right time in space: importance of circadian clock and sleep for physiology and performance of astronauts. <i>Military Medical Research</i> , 2014 , 1, 23	19.3	30
26	Morphine inhibits sleep-promoting neurons in the ventrolateral preoptic area via mu receptors and induces wakefulness in rats. <i>Neuropsychopharmacology</i> , 2013 , 38, 791-801	8.7	37
25	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> , 2013 , 8, e75823	3.7	3
24	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	3.6	34
23	Safranal enhances non-rapid eye movement sleep in pentobarbital-treated mice. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 623-30	6.8	23
22	Honokiol promotes non-rapid eye movement sleep via the benzodiazepine site of the GABA(A) receptor in mice. <i>British Journal of Pharmacology</i> , 2012 , 167, 587-98	8.6	41
21	Genistein induces non-rapid eye movement sleep in mice. <i>Sleep and Biological Rhythms</i> , 2012 , 10, 278-286	3	1
20	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> , 2012 , 10, 293-301	1.3	6
19	Dopamine is involved in food-anticipatory activity in mice. <i>Journal of Biological Rhythms</i> , 2012 , 27, 398-409	4.9	41
18	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> , 2012 , 63, 1191-9	5.5	34
17	Repeated sleep restriction in adolescent rats altered sleep patterns and impaired spatial learning/memory ability. <i>Sleep</i> , 2012 , 35, 849-59	1.1	29
16	Acute administration of fluoxetine normalizes rapid eye movement sleep abnormality, but not depressive behaviors in olfactory bulbectomized rats. <i>Journal of Neurochemistry</i> , 2012 , 120, 314-24	6	27
15	The role of nucleus accumbens core/shell in sleep-wake regulation and their involvement in modafinil-induced arousal. <i>PLoS ONE</i> , 2012 , 7, e45471	3.7	48
14	Selection of optimal epoch duration in assessment of rodent sleep/wake profiles. <i>Sleep and Biological Rhythms</i> , 2011 , 9, 46-55	1.3	21
13	Arousal effect of caffeine depends on adenosine A2A receptors in the shell of the nucleus accumbens. <i>Journal of Neuroscience</i> , 2011 , 31, 10067-75	6.6	211
12	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> , 2010 , 30, 4382-9	6.6	136
11	D(1)/D(2) receptor-targeting L-stepholidine, an active ingredient of the Chinese herb <i>Stephonia</i> , induces non-rapid eye movement sleep in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 94, 16-23	3.9	34

10	Dopaminergic D1 and D2 receptors are essential for the arousal effect of modafinil. <i>Journal of Neuroscience</i> , 2008 , 28, 8462-9	6.6	188
9	Drug delivery through a chronically implanted stomach catheter improves efficiency of evaluating wake-promoting components. <i>Journal of Neuroscience Methods</i> , 2008 , 175, 58-63	3	5
8	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> , 2006 , 103, 4687-92	11.5	142
7	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> , 2006 , 103, 17949-54	11.5	129
6	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> , 2005 , 92, 1542-9	6	120
5	Adenosine A2A, but not A1, receptors mediate the arousal effect of caffeine. <i>Nature Neuroscience</i> , 2005 , 8, 858-9	25.5	481
4	Molecular mechanism of prostaglandin D2-mediated non-REM sleep homeostasis studied by gene-knockout mice. <i>Sleep and Biological Rhythms</i> , 2004 , 2, S17-S18	1.3	1
3	Extracellular histamine level in the frontal cortex is positively correlated with the amount of wakefulness in rats. <i>Neuroscience Research</i> , 2004 , 49, 417-20	2.9	60
2	Prostaglandin E2 activates the histaminergic system via the EP4 receptor to induce wakefulness in rats. <i>Journal of Neuroscience</i> , 2003 , 23, 5975-83	6.6	58
1	Sleep regulation in adenosine A2A receptor-deficient mice. <i>Neurology</i> , 2003 , 61, S94-6	6.5	100