

Hypothalamic regulation of sleep and circadian rhythm

Nature

437, 1257-1263

DOI: [10.1038/nature04284](https://doi.org/10.1038/nature04284)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Vigilance performance as a function of interpolated rest.. Journal of Applied Psychology, 1962, 46, 425-427.	4.2	31
2	What exactly is it that sleeps? The evolution, regulation, and organization of an emergent network property. , 2001, , 86-106.		0
3	Nonpharmacologic Strategies in the Management of Insomnia. Psychiatric Clinics of North America, 2006, 29, 895-919.	0.7	30
4	Insomnia in Parkinson's disease: frequency and progression over time. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 476-479.	0.9	167
5	Excessive daytime sleepiness in Parkinson disease: Is it the drugs or the disease?. Neurology, 2006, 67, 853-858.	1.5	177
6	Mu opioid receptor and orexin/hypocretin mRNA levels in the lateral hypothalamus and striatum are enhanced by morphine withdrawal. Journal of Endocrinology, 2006, 191, 137-145.	1.2	109
7	Neurobiology of the Sleep-Wake Cycle: Sleep Architecture, Circadian Regulation, and Regulatory Feedback. Journal of Biological Rhythms, 2006, 21, 482-493.	1.4	432
11	S.20.02 Neuroendocrine controls of sleep. European Neuropsychopharmacology, 2006, 16, S193-S194.	0.3	0
12	Circadian Rhythm Alterations with Aging. Sleep Medicine Clinics, 2006, 1, 187-196.	1.2	3
13	Lasting Neuroendocrine-Immune Effects of Traumatic Brain Injury in Rats. Journal of Neurotrauma, 2006, 23, 1802-1813.	1.7	41
14	Benzodiazepine receptor agonists and insomnia: Is subtype selectivity lost in translation?. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 547-554.	0.5	5
15	Staying awake for dinner: hypothalamic integration of sleep, feeding, and circadian rhythms. Progress in Brain Research, 2006, 153, 243-252.	0.9	159
16	The perceptive observations of Constantin von Economo on encephalitis lethargica and sleep disruption and their lasting impact on contemporary sleep research. Brain Research Bulletin, 2006, 69, 244-258.	1.4	42
17	Antioxidant response analysis in the brain after pilocarpine treatments. Brain Research Bulletin, 2006, 69, 587-592.	1.4	49
18	Integration of feeding and spontaneous physical activity: Role for orexin. Physiology and Behavior, 2006, 88, 294-301.	1.0	89
19	Arousal and reward: a dichotomy in orexin function. Trends in Neurosciences, 2006, 29, 571-577.	4.2	531
20	Altered Skin-Temperature Regulation in Narcolepsy Relates to Sleep Propensity. Sleep, 2006, 29, 1444-1449.	0.6	86
21	Sleep Circuitry and the Hypnotic Mechanism of GABA_A Receptors. Drugs. Journal of Clinical Sleep Medicine, 2006, 02, .	1.4	51

#	ARTICLE	IF	CITATIONS
22	Sodium oxybate: neurobiology and clinical efficacy. <i>Future Neurology</i> , 2006, 1, 721-735.	0.9	4
23	Staying Awake for Dinner â€“ Staying Asleep Until Breakfast. <i>Sleep</i> , 2006, , .	0.6	1
25	Orexins Increase Cortical Acetylcholine Release and Electroencephalographic Activation through Orexin-1 Receptor in the Rat Basal Forebrain during Isoflurane Anesthesia. <i>Anesthesiology</i> , 2006, 104, 1023-1032.	1.3	71
26	DIFFERENTIAL CONTROL OF CARDIAC AND SYMPATHETIC VASOMOTOR ACTIVITY FROM THE DORSOMEDIAL HYPOTHALAMUS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 1265-1268.	0.9	42
27	Inducible and neuronal nitric oxide synthases (NOS) have complementary roles in recovery sleep induction. <i>European Journal of Neuroscience</i> , 2006, 24, 1443-1456.	1.2	68
28	Individualized and time-variant model for the functional link between thermoregulation and sleep onset. <i>Journal of Sleep Research</i> , 2006, 15, 183-198.	1.7	18
29	A putative flipâ€“flop switch for control of REM sleep. <i>Nature</i> , 2006, 441, 589-594.	13.7	1,086
30	GABABreceptor-mediated modulation of hypocretin/orexin neurones in mouse hypothalamus. <i>Journal of Physiology</i> , 2006, 574, 399-414.	1.3	87
31	Dopaminergic Control of Sleep-Wake States. <i>Journal of Neuroscience</i> , 2006, 26, 10577-10589.	1.7	262
32	On the role of phylogeny in determining activity patterns of rodents. <i>Evolutionary Ecology</i> , 2006, 20, 479-490.	0.5	108
33	Hypothalamus, sleep and headaches. <i>Neurological Sciences</i> , 2006, 27, s138-s143.	0.9	46
34	Daytime Light Exposure Dynamically Enhances Brain Responses. <i>Current Biology</i> , 2006, 16, 1616-1621.	1.8	230
35	Behavioural Ecology: Promiscuous Fathers Sire Young that Recognize True Family. <i>Current Biology</i> , 2006, 16, R797-R800.	1.8	2
36	Circadian Photoreception: Spotlight on the Brain. <i>Current Biology</i> , 2006, 16, R795-R797.	1.8	50
37	Treating insomnia: Current and investigational pharmacological approaches. , 2006, 112, 612-629.		145
38	Cancer symptom complexes related to alterations in molecular circadian axis signaling. , 2006, 2006, 171-2.		1
39	Orexin A Induces GnRH Gene Expression and Secretion from GT1-7 Hypothalamic GnRH Neurons. <i>Neuroendocrinology</i> , 2006, 84, 353-363.	1.2	48
40	Elevated body temperature during sleep in orexin knockout mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R533-R540.	0.9	77

#	ARTICLE	IF	CITATIONS
41	Actigraphic Investigations On The Activityâ€Rest Behavior Of Rightâ€and Leftâ€Handed Students. Chronobiology International, 2006, 23, 593-605.	0.9	31
42	Altered sleep-wake characteristics and lack of arousal response to H3 receptor antagonist in histamine H1 receptor knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4687-4692.	3.3	171
43	Identification of Wake-Active Dopaminergic Neurons in the Ventral Periaqueductal Gray Matter. Journal of Neuroscience, 2006, 26, 193-202.	1.7	399
44	Attenuated Circadian Rhythms in Mice Lacking the Prokineticin 2 Gene. Journal of Neuroscience, 2006, 26, 11615-11623.	1.7	149
45	Minireview: The Circadian Clockwork of the Suprachiasmatic Nucleiâ€Analysis of a Cellular Oscillator that Drives Endocrine Rhythms. Endocrinology, 2007, 148, 5624-5634.	1.4	103
46	Neuronal Models for Sleep-Wake Regulation and Synaptic Reorganization in the Sleeping Hippocampus. Journal of Biological Rhythms, 2007, 22, 220-232.	1.4	19
47	A Role for Hypocretin (Orexin) in Male Sexual Behavior. Journal of Neuroscience, 2007, 27, 2837-2845.	1.7	181
48	Circadian desynchronization of core body temperature and sleep stages in the rat. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7634-7639.	3.3	97
49	Mechanisms of Reversible GABA_A Receptor Plasticity after Ethanol Intoxication. Journal of Neuroscience, 2007, 27, 12367-12377.	1.7	139
50	Selective Loss of Catecholaminergic Wakeâ€Active Neurons in a Murine Sleep Apnea Model. Journal of Neuroscience, 2007, 27, 10060-10071.	1.7	167
51	Modulation of the Acoustic Startle Response by the Level of Arousal: Comparison of Clonidine and Modafinil in Healthy Volunteers. Neuropsychopharmacology, 2007, 32, 2405-2421.	2.8	35
52	Repeated sleep restriction in rats leads to homeostatic and allostatic responses during recovery sleep. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10697-10702.	3.3	116
53	Impact of proestrous milieu on expression of orexin receptors and prepro-orexin in rat hypothalamus and hypophysis: actions of Cetrorelix and Nembutal. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E820-E828.	1.8	72
54	WHY CHOOSE MODAFINIL FOR EXCESSIVE DAYTIME SLEEPINESS?. Issues in Mental Health Nursing, 2007, 28, 313-317.	0.6	1
55	Structureâ€function relationship in complex brain networks expressed by hierarchical synchronization. New Journal of Physics, 2007, 9, 178-178.	1.2	145
56	Prokineticin receptor 2 (Prokr2) is essential for the regulation of circadian behavior by the suprachiasmatic nuclei. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 648-653.	3.3	128
57	Effects of Saporin-Induced Lesions of Three Arousal Populations on Daily Levels of Sleep and Wake. Journal of Neuroscience, 2007, 27, 14041-14048.	1.7	147
58	Effects of simian immunodeficiency virus on the circadian rhythms of body temperature and gross locomotor activity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15138-15143.	3.3	32

#	ARTICLE	IF	CITATIONS
59	Influence of wakefulness on pharyngeal airway muscle activity. <i>Thorax</i> , 2007, 62, 799-805.	2.7	75
60	Sleep Duration From Ages 1 to 10 Years: Variability and Stability in Comparison With Growth. <i>Pediatrics</i> , 2007, 120, e769-e776.	1.0	130
61	Forced Moves or Good Tricks in Design Space? Landmarks in the Evolution of Neural Mechanisms for Action Selection. <i>Adaptive Behavior</i> , 2007, 15, 9-31.	1.1	40
62	Suprachiasmatic Modulation of Noradrenaline Release in the Ventrolateral Preoptic Nucleus. <i>Journal of Neuroscience</i> , 2007, 27, 6412-6416.	1.7	20
63	Mathematical Model of Network Dynamics Governing Mouse Sleep-Wake Behavior. <i>Journal of Neurophysiology</i> , 2007, 97, 3828-3840.	0.9	113
64	Considering sleep in a family context: Introduction to the special issue.. <i>Journal of Family Psychology</i> , 2007, 21, 1-3.	1.0	149
65	Effect of Short-term Treatment With Gaboxadol on Sleep Maintenance and Initiation in Patients With Primary Insomnia. <i>Sleep</i> , 2007, 30, 281-287.	0.6	51
68	Molecular Analysis of Sleep. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 573-578.	2.0	10
70	Suprachiasmatic nucleus in sleep-wake regulation. <i>Sleep Medicine</i> , 2007, 8, 27-33.	0.8	181
71	The trivial function of sleep. <i>Sleep Medicine Reviews</i> , 2007, 11, 311-325.	3.8	63
72	Alerting effects of light. <i>Sleep Medicine Reviews</i> , 2007, 11, 453-464.	3.8	502
73	Neural-immune interactions in disorders of sleep-wakefulness organization. <i>Trends in Neurosciences</i> , 2007, 30, 645-652.	4.2	28
74	The human sleep-wake cycle reconsidered from a thermoregulatory point of view. <i>Physiology and Behavior</i> , 2007, 90, 236-245.	1.0	128
75	Circadian control of the sleep-wake cycle. <i>Physiology and Behavior</i> , 2007, 90, 190-195.	1.0	75
76	Adenosine A2A receptors in ventral striatum, hypothalamus and nociceptive circuitry. <i>Progress in Neurobiology</i> , 2007, 83, 332-347.	2.8	130
77	The suprachiasmatic nucleus functions beyond circadian rhythm generation. <i>Neuroscience</i> , 2007, 149, 508-517.	1.1	109
78	A Quantitative Model of Sleep-Wake Dynamics Based on the Physiology of the Brainstem Ascending Arousal System. <i>Journal of Biological Rhythms</i> , 2007, 22, 167-179.	1.4	170
79	Sleep and Circadian Rhythms in Humans. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 579-597.	2.0	300

#	ARTICLE	IF	CITATIONS
80	The Hormonal Control of Food Intake. <i>Cell</i> , 2007, 129, 251-262.	13.5	508
81	Synaptic Glutamate Release by Ventromedial Hypothalamic Neurons Is Part of the Neurocircuitry that Prevents Hypoglycemia. <i>Cell Metabolism</i> , 2007, 5, 383-393.	7.2	358
82	Prostaglandins and adenosine in the regulation of sleep and wakefulness. <i>Current Opinion in Pharmacology</i> , 2007, 7, 33-38.	1.7	206
83	Reduced orexin levels in the cerebrospinal fluid of suicidal patients with major depressive disorder. <i>European Neuropsychopharmacology</i> , 2007, 17, 573-579.	0.3	176
84	Role of the Melatonin System in the Control of Sleep. <i>CNS Drugs</i> , 2007, 21, 995-1018.	2.7	144
86	A unique episode of REM sleep behavior disorder triggered during surgery for Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2007, 253, 73-76.	0.3	17
87	Comparison of projections of the dorsal and median raphe nuclei, with some functional considerations. <i>International Congress Series</i> , 2007, 1304, 98-120.	0.2	29
88	A 2-night, 3-period, crossover study of ramelteon's efficacy and safety in older adults with chronic insomnia. <i>Current Medical Research and Opinion</i> , 2007, 23, 1005-1014.	0.9	116
89	Circadian clocks: regulators of endocrine and metabolic rhythms. <i>Journal of Endocrinology</i> , 2007, 195, 187-198.	1.2	418
91	Brain Responses to Violet, Blue, and Green Monochromatic Light Exposures in Humans: Prominent Role of Blue Light and the Brainstem. <i>PLoS ONE</i> , 2007, 2, e1247.	1.1	206
92	The Selective Extrasynaptic GABAA Agonist, Gaboxadol, Improves Traditional Hypnotic Efficacy Measures and Enhances Slow Wave Activity in a Model of Transient Insomnia. <i>Sleep</i> , 2007, 30, 593-602.	0.6	93
93	Disorders of Sleep and Circadian Rhythms. , 2007, , 409-426.		1
94	Sleep and Wakefulness. , 2007, , 21-33.		0
95	Neurobiology of Insomnia. , 2007, , 735-744.		3
96	Narcolepsy and Hypersomnia of Central Origin Diagnosis, Differential Pearls, and Management. , 2007, , 75-94.		5
97	Is Homeostatic Sleep Regulation Under Low Sleep Pressure Modified by Age?. <i>Sleep</i> , 2007, 30, 781-792.	0.6	43
98	Growth hormone-releasing hormone: cerebral cortical sleep-related EEG actions and expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R922-R930.	0.9	19
99	Selective loss of GABAB receptors in orexin/hypocretin-producing neurons results in disrupted sleep/wakefulness architecture. <i>Nature Precedings</i> , 2007, , .	0.1	0

#	ARTICLE	IF	CITATIONS
100	Addition of a non-photoc component to a light-based mathematical model of the human circadian pacemaker. <i>Journal of Theoretical Biology</i> , 2007, 247, 583-599.	0.8	89
101	Effects of acute binge cocaine on mRNA levels of μ opioid receptor and neuropeptides in dopamine D1 or D3 receptor knockout mice. <i>Synapse</i> , 2007, 61, 50-59.	0.6	7
102	The pontine REM switch: past and present. <i>Journal of Physiology</i> , 2007, 584, 735-741.	1.3	188
103	Soporific signaling: how flies sleep through the night. <i>Nature Neuroscience</i> , 2007, 10, 1079-1080.	7.1	0
104	Activation of EGFR and ERK by rhomboid signaling regulates the consolidation and maintenance of sleep in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2007, 10, 1160-1167.	7.1	220
105	Developmental divergence of sleep-wake patterns in orexin knockout and wild-type mice. <i>European Journal of Neuroscience</i> , 2007, 25, 512-518.	1.2	54
106	Neural pathways associated with loss of consciousness caused by intracerebral microinjection of GABAA-active anesthetics. <i>European Journal of Neuroscience</i> , 2007, 25, 1417-1436.	1.2	69
107	PER2 controls circadian periods through nuclear localization in the suprachiasmatic nucleus. <i>Genes To Cells</i> , 2007, 12, 1225-1234.	0.5	21
108	24-Hour Distribution of Migraine Attacks. <i>Headache</i> , 2007, 48, 070508191005001-???	1.8	36
109	Ketogenic Diet Improves Sleep Quality in Children with Therapy-resistant Epilepsy. <i>Epilepsia</i> , 2007, 48, 59-65.	2.6	116
110	Imaging of acetylcholine esterase activity in brainstem nuclei involved in regulation of sleep and wakefulness. <i>European Journal of Neurology</i> , 2007, 14, 690-693.	1.7	18
111	Circannual periodicity of migraine?. <i>European Journal of Neurology</i> , 2007, 14, 983-988.	1.7	37
112	Melatonin and anesthesia: a clinical perspective. <i>Journal of Pineal Research</i> , 2007, 42, 12-21.	3.4	82
113	Neurotoxic lesions centered on the perifornical hypothalamus abolish the cardiovascular and behavioral responses of conditioned fear to context but not of restraint. <i>Brain Research</i> , 2007, 1128, 107-119.	1.1	53
114	Dopamine reward circuitry: Two projection systems from the ventral midbrain to the nucleus accumbens olfactory tubercle complex. <i>Brain Research Reviews</i> , 2007, 56, 27-78.	9.1	1,210
115	Orexin and psychiatric symptoms in suicide attempters. <i>Journal of Affective Disorders</i> , 2007, 100, 259-263.	2.0	76
116	PER3 Polymorphism Predicts Sleep Structure and Waking Performance. <i>Current Biology</i> , 2007, 17, 613-618.	1.8	476
117	Genesis of sleep bruxism: Motor and autonomic-cardiac interactions. <i>Archives of Oral Biology</i> , 2007, 52, 381-384.	0.8	182

#	ARTICLE	IF	CITATIONS
118	Is the cortisol awakening rise a response to awakening?. <i>Psychoneuroendocrinology</i> , 2007, 32, 358-366.	1.3	386
119	Neurochemical regulation of sleep. <i>Journal of Psychiatric Research</i> , 2007, 41, 537-552.	1.5	213
120	Nicotinic Acetylcholine Receptors and Nicotinic Cholinergic Mechanisms of the Central Nervous System. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 699-729.	4.2	1,072
121	The Clockwork of Metabolism. <i>Annual Review of Nutrition</i> , 2007, 27, 219-240.	4.3	111
122	Short-term treatment with gaboxadol improves sleep maintenance and enhances slow wave sleep in adult patients with primary insomnia. <i>Psychopharmacology</i> , 2007, 195, 139-146.	1.5	31
124	Neurobiological mechanisms for the regulation of mammalian sleep-wake behavior: Reinterpretation of historical evidence and inclusion of contemporary cellular and molecular evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 775-824.	2.9	267
125	Nocturnal epileptic seizures versus the arousal parasomnias. <i>Somnologie</i> , 2008, 12, 25-37.	0.9	21
126	Epidemiology of Parkinson's disease. <i>Journal of Neurology</i> , 2008, 255, 18-32.	1.8	314
127	Distribution of the protein IMPACT, an inhibitor of GCN2, in the mouse, rat, and marmoset brain. <i>Journal of Comparative Neurology</i> , 2008, 507, 1811-1830.	0.9	23
128	Circadian rhythm disturbances in depression. <i>Human Psychopharmacology</i> , 2008, 23, 571-585.	0.7	477
129	Sleep deprivation in a quantitative physiologically based model of the ascending arousal system. <i>Journal of Theoretical Biology</i> , 2008, 255, 413-423.	0.8	62
130	<i>Hypothalamic Regulation of Sleep and Arousal</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 275-286.	1.8	248
131	<i>Central Thalamic Contributions to Arousal Regulation and Neurological Disorders of Consciousness</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 105-118.	1.8	359
132	Bruxism physiology and pathology: an overview for clinicians*. <i>Journal of Oral Rehabilitation</i> , 2008, 35, 476-494.	1.3	612
133	Cholinergic brainstem neurons modulate cortical gamma activity during slow oscillations. <i>Journal of Physiology</i> , 2008, 586, 2947-2960.	1.3	175
134	Protein 70 kDa in the control of sleep and thermoregulation. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2008, 44, 74-81.	0.2	8
135	Sleep as a fundamental property of neuronal assemblies. <i>Nature Reviews Neuroscience</i> , 2008, 9, 910-919.	4.9	520
136	The acute light-induction of sleep is mediated by OPN4-based photoreception. <i>Nature Neuroscience</i> , 2008, 11, 1068-1073.	7.1	215

#	ARTICLE	IF	CITATIONS
137	Emerging anti-insomnia drugs: tackling sleeplessness and the quality of wake time. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 530-540.	21.5	92
138	The genetics of mammalian circadian order and disorder: implications for physiology and disease. <i>Nature Reviews Genetics</i> , 2008, 9, 764-775.	7.7	1,357
139	Abnormal melatonin synthesis in autism spectrum disorders. <i>Molecular Psychiatry</i> , 2008, 13, 90-98.	4.1	423
140	Two Decades of Circadian Time. <i>Journal of Neuroendocrinology</i> , 2008, 20, 812-819.	1.2	120
141	Sympathetic and cardiovascular activity during cataplexy in narcolepsy. <i>Journal of Sleep Research</i> , 2008, 17, 458-463.	1.7	29
142	Analyzing the Symptoms in Cancer Patients [Chronobiological Investigations]. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2008, 27, 25-28.	1.1	2
143	What is it like to be a rat? Rat sensory perception and its implications for experimental design and rat welfare. <i>Applied Animal Behaviour Science</i> , 2008, 112, 1-32.	0.8	99
144	Entrainment of temperature and activity rhythms to restricted feeding in orexin knock out mice. <i>Brain Research</i> , 2008, 1205, 47-54.	1.1	60
145	GABAergic and non-GABAergic thalamic, hypothalamic and basal forebrain projections to the ventral oral pontine reticular nucleus: Their implication in REM sleep modulation. <i>Brain Research</i> , 2008, 1210, 116-125.	1.1	39
146	Neuroimmunology of the circadian clock. <i>Brain Research</i> , 2008, 1232, 104-112.	1.1	112
147	Opioidergic projections to sleep-active neurons in the ventrolateral preoptic nucleus. <i>Brain Research</i> , 2008, 1245, 96-107.	1.1	65
148	Noradrenergic modulation of arousal. <i>Brain Research Reviews</i> , 2008, 58, 1-17.	9.1	297
149	Blocking melanin-concentrating hormone MCH1 receptor affects rat sleep-wake architecture. <i>European Journal of Pharmacology</i> , 2008, 579, 177-188.	1.7	97
150	Mind, Brain, Education, and Biological Timing. <i>Mind, Brain, and Education</i> , 2008, 2, 1-6.	0.9	12
151	Orexinergic modulation of breathing across vigilance states. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 204-212.	0.7	72
152	Neuromodulation of hypoglossal motoneurons during sleep. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 179-196.	0.7	72
153	Gaboxadol â€” a different hypnotic profile with no tolerance to sleep EEG and sedative effects after repeated daily dosing. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 113-122.	1.3	20
154	Approved and Investigational Uses of Modafinil. <i>Drugs</i> , 2008, 68, 1803-1839.	4.9	377

#	ARTICLE	IF	CITATIONS
156	An essential role for orexins in emergence from general anesthesia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1309-1314.	3.3	293
158	The physiological bases of sleep. , 2008, , 39-77.		0
160	Orphan G Protein-Coupled Receptors and Novel Neuropeptides. , 2008, , .		4
161	Setting Clock Speed in Mammals: The CK1 ϵ tau Mutation in Mice Accelerates Circadian Pacemakers by Selectively Destabilizing PERIOD Proteins. Neuron, 2008, 58, 78-88.	3.8	342
162	Lipopolysaccharide suppresses activation of the tuberomammillary histaminergic system concomitant with behavior: A novel target of immune-sensory pathways. Neuroscience, 2008, 152, 273-287.	1.1	34
163	Effects of cocaine place conditioning, chronic escalating-dose "binge" pattern cocaine administration and acute withdrawal on orexin/hypocretin and preprodynorphin gene expressions in lateral hypothalamus of Fischer and Sprague-Dawley rats. Neuroscience, 2008, 153, 1225-1234.	1.1	67
164	Tumor necrosis factor α : Activity dependent expression and promotion of cortical column sleep in rats. Neuroscience, 2008, 156, 71-80.	1.1	87
165	The anandamide membrane transporter inhibitor, VDM-11, modulates sleep and c-Fos expression in the rat brain. Neuroscience, 2008, 157, 1-11.	1.1	40
166	The effects of metergoline and 8-OH-DPAT injections into arcuate nucleus and lateral hypothalamic area on feeding in female rats during the estrous cycle. Physiology and Behavior, 2008, 95, 484-491.	1.0	17
167	Conservation of sleep: insights from non-mammalian model systems. Trends in Neurosciences, 2008, 31, 371-376.	4.2	138
169	Sleep and Wakefulness in Children with Brain Tumors. Sleep Medicine Clinics, 2008, 3, 455-467.	1.2	2
170	The dopaminergic dilemma: Sleep or wake? Implications in Parkinson's disease. Bioscience Hypotheses, 2008, 1, 9-13.	0.2	9
171	The development of nicotinic receptors in the human medulla oblongata: Inter-relationship with the serotonergic system. Autonomic Neuroscience: Basic and Clinical, 2008, 144, 61-75.	1.4	31
175	Emotional and state-dependent modification of cardiorespiratory function: Role of orexinergic neurons. Autonomic Neuroscience: Basic and Clinical, 2008, 142, 11-16.	1.4	39
176	Genetics of Sleep. Annual Review of Genetics, 2008, 42, 361-388.	3.2	102
177	Histamine in the Nervous System. Physiological Reviews, 2008, 88, 1183-1241.	13.1	980
178	Pharmacology I: Effects on Sleep of Commonly Used ICU Medications. Critical Care Clinics, 2008, 24, 477-491.	1.0	25
179	Fatal insomnia and agrypnia excitata: Sleep and the limbic system. Revue Neurologique, 2008, 164, 692-700.	0.6	29

#	ARTICLE	IF	CITATIONS
181	Nonpharmacologic Strategies in the Management of Insomnia: Rationale and Implementation. <i>Sleep Medicine Clinics</i> , 2008, 3, 189-204.	1.2	6
182	Acceleration. , 2008, , 4-4.		0
183	3 Splice. , 2008, , 1-1.		0
184	Absolute Threshold. , 2008, , 3-3.		0
185	Pupillary Control Pathways. , 2008, , 521-536.		29
186	Orexins and Orexin Receptors: From Molecules to Integrative Physiology. , 2008, 46, 27-55.		69
187	Hypothalamic orexins/hypocretins as regulators of breathing. <i>Expert Reviews in Molecular Medicine</i> , 2008, 10, e28.	1.6	74
188	Slow-wave sleep, diabetes, and the sympathetic nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1107-1108.	3.3	36
189	Balancing paediatric anaesthesia: preclinical insights into analgesia, hypnosis, neuroprotection, and neurotoxicity. <i>British Journal of Anaesthesia</i> , 2008, 101, 597-609.	1.5	54
190	An emerging link between general anesthesia and sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2257-2258.	3.3	23
191	Metabolism-Independent Sugar Sensing in Central Orexin Neurons. <i>Diabetes</i> , 2008, 57, 2569-2576.	0.3	111
192	Why We Sleep: The Temporal Organization of Recovery. <i>PLoS Biology</i> , 2008, 6, e106.	2.6	197
193	Cytokines and Sleep. <i>NeuroImmune Biology</i> , 2008, 6, 213-240.	0.2	2
194	Ramelteon: a new approach to managing insomnia. <i>Future Neurology</i> , 2008, 3, 9-18.	0.9	2
195	Evidence for an Overlapping Role of CLOCK and NPAS2 Transcription Factors in Liver Circadian Oscillators. <i>Molecular and Cellular Biology</i> , 2008, 28, 3070-3075.	1.1	73
196	Spikes and Bursts in Two Types of Thalamic Projection Neurons Differentially Shape Sleep Patterns and Auditory Responses in a Songbird. <i>Journal of Neuroscience</i> , 2008, 28, 5040-5052.	1.7	35
198	Bsx, a Novel Hypothalamic Factor Linking Feeding with Locomotor Activity, Is Regulated by Energy Availability. <i>Endocrinology</i> , 2008, 149, 3009-3015.	1.4	52
199	Melatonergic Drugs in Clinical Practice. <i>Arzneimittelforschung</i> , 2008, 58, 1-10.	0.5	69

#	ARTICLE	IF	CITATIONS
200	Neurobiology of Sleep Disturbances in Neurodegenerative Disorders. <i>Current Pharmaceutical Design</i> , 2008, 14, 3430-3445.	0.9	55
201	Rapid Eye Movement Sleep Disturbances in Huntington Disease. <i>Archives of Neurology</i> , 2008, 65, 482.	4.9	197
202	Delayed Orexin Signaling Consolidates Wakefulness and Sleep: Physiology and Modeling. <i>Journal of Neurophysiology</i> , 2008, 99, 3090-3103.	0.9	62
203	Modeling the impact of impulsive stimuli on sleep-wake dynamics. <i>Physical Review E</i> , 2008, 78, 051920.	0.8	37
204	Seasonal variations in daily rhythms of activity in athletic horses. <i>Animal</i> , 2008, 2, 1055-1060.	1.3	40
205	Sleep and Sleep-Wake Disorders. , 2008, , 1626-1657.		1
206	Cholinergic Regulation of Orexin/Hypocretin Neurons Through M3 Muscarinic Receptor in Mice. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 485-491.	1.1	38
207	Steady-state methadone effect on generalized arousal in male and female mice.. <i>Behavioral Neuroscience</i> , 2008, 122, 1248-1256.	0.6	7
208	Rapid eye movement sleep regulation by modulation of the noradrenergic system. , 0, , 59-82.		0
209	6. Noradrenergic and Sympathetic Disorders. , 2008, , 78-90.		4
210	Reduced Brain GABA in Primary Insomnia: Preliminary Data from 4T Proton Magnetic Resonance Spectroscopy (1H-MRS). <i>Sleep</i> , 2008, 31, 1499-1506.	0.6	164
211	Sleep in the Intensive Care Unit Setting. <i>Critical Care Nursing Quarterly</i> , 2008, 31, 309-318.	0.4	49
212	Genotype-Dependent Differences in Sleep, Vigilance, and Response to Stimulants. <i>Current Pharmaceutical Design</i> , 2008, 14, 3396-3407.	0.9	63
213	The Role of Cytokines in Sleep Regulation. <i>Current Pharmaceutical Design</i> , 2008, 14, 3408-3416.	0.9	386
214	Insomnia of childhood. <i>Current Opinion in Pediatrics</i> , 2008, 20, 641-649.	1.0	21
215	A Genetic Screen for Sleep and Circadian Mutants Reveals Mechanisms Underlying Regulation of Sleep in <i>Drosophila</i> . <i>Sleep</i> , 2008, 31, 465-472.	0.6	103
216	Sleep in children with cancer. <i>Current Opinion in Pediatrics</i> , 2008, 20, 676-681.	1.0	48
217	Melatonin and its receptors: biological function in circadian sleep-wake regulation. , 0, , 283-314.		12

#	ARTICLE	IF	CITATIONS
218	Prostaglandins and the regulation of sleep and wakefulness. , 2008, , 363-386.		3
219	The relevance of experimental pharmacology to currently available sleepâ€“wake therapeutics. , 0, , 433-461.		0
220	Slow Wave Sleep Enhancement with Gaboxadol Reduces Daytime Sleepiness During Sleep Restriction. Sleep, 2008, 31, 659-672.	0.6	78
221	Fibromyalgia: A Unifying Neuroendocrinologic Model for Understanding Its Pathophysiology. Nature Precedings, 2008, , .	0.1	1
222	Functional Neuroanatomy of the Noradrenergic Locus Coeruleus: Its Roles in the Regulation of Arousal and Autonomic Function Part II: Physiological and Pharmacological Manipulations and Pathological Alterations of Locus Coeruleus Activity in Humans. Current Neuropharmacology, 2008, 6, 254-285.	1.4	369
223	Bridging from Cells to Cognition in Autism Pathophysiology: Biological Pathways to Defective Brain Function and Plasticity. American Journal of Biochemistry and Biotechnology, 2008, 4, 167-176.	0.1	64
224	Neuroendocrine correlates of sleep in the elderly. , 0, , 87-96.		1
225	The role of the hypothalamus, part 2: Regulation of sleep-wake cycles and effect on pain. British Journal of Neuroscience Nursing, 2009, 5, 113-120.	0.1	1
226	Pharmacotherapy of Insomnia: Focus on Zolpidem Extended Release. Clinical Medicine Therapeutics, 2009, 1, CMT.S2040.	0.1	9
227	New approaches in the management of insomnia: weighing the advantages of prolonged-release melatonin and synthetic melatonergic agonists. Neuropsychiatric Disease and Treatment, 2009, 5, 341.	1.0	79
228	Sleep Deprivation: Neurobehavioral Changes. , 2009, , 997-1004.		1
229	Developmental Emergence of Power-Law Wake Behavior Depends Upon the Functional Integrity of the Locus Coeruleus. Sleep, 2009, 32, 920-926.	0.6	26
230	Sleep and Sleep States: Hypothalamic Regulation. , 2009, , 929-936.		0
231	Sleep Architecture. , 2009, , 983-989.		0
232	PAIN AND SLEEP. , 2009, , 363-372.		1
233	Sistema hipocretinÃ©rgico y narcolepsia. Revista Medica De Chile, 2009, 137, .	0.1	1
234	Sleep Deprivation and Decision-Making Teams: Burning the Midnight Oil or Playing with Fire?. Academy of Management Review, 2009, 34, 56-66.	7.4	55
235	Pharmacology of Sleep: Adenosine. , 2009, , 601-610.		5

#	ARTICLE	IF	CITATIONS
236	Ion channels to inactivate neurons in <i>Drosophila</i> . <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 13.	1.4	47
237	Modulation of Genioglossus Muscle Activity Across Sleep-Wake States by Histamine at the Hypoglossal Motor Pool. <i>Sleep</i> , 2009, 32, 1313-1324.	0.6	19
238	Consciousness as Recursive, Spatiotemporal Self-Location. <i>Nature Precedings</i> , 2009, , .	0.1	1
239	The Time Course of the Probability of Transition Into and Out of REM Sleep. <i>Sleep</i> , 2009, 32, 655-669.	0.6	11
240	Potential formulation of sleep dynamics. <i>Physical Review E</i> , 2009, 79, 021913.	0.8	9
241	Markov Analysis of Sleep Dynamics. <i>Physical Review Letters</i> , 2009, 102, 178104.	2.9	42
242	Chapter 12 The anatomical foundations of clinical neurology. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2009, 95, 149-168.	1.0	8
243	Selective loss of GABA _B receptors in orexin-producing neurons results in disrupted sleep/wakefulness architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4459-4464.	3.3	115
244	Sleep apnea in young abstinent recreational MDMA (‘ecstasy’) consumers. <i>Neurology</i> , 2009, 73, 2011-2017.	1.5	49
245	A Mathematical Model of Homeostatic Regulation of Sleep-Wake Cycles by Hypocretin/Orexin. <i>Journal of Biological Rhythms</i> , 2009, 24, 523-535.	1.4	45
246	Common Genetic Variation Near Melatonin Receptor <i>MTNR1B</i> Contributes to Raised Plasma Glucose and Increased Risk of Type 2 Diabetes Among Indian Asians and European Caucasians. <i>Diabetes</i> , 2009, 58, 2703-2708.	0.3	95
247	Evolving Concepts of Arousal: Insights from Simple Model Systems. <i>Reviews in the Neurosciences</i> , 2009, 20, 405-27.	1.4	65
248	General Anesthesia. , 2009, , 295-313.		0
249	A SPECT Study of Sleep Disturbance and Alzheimer’s Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 27, 254-259.	0.7	19
250	Efferent Projections of the Anterior and Posterodorsal Regions of the Medial Nucleus of the Amygdala in the Mouse. <i>Cells Tissues Organs</i> , 2009, 190, 256-285.	1.3	44
251	Identifying Sleep Regulatory Genes Using a <i>Drosophila</i> Model of Insomnia. <i>Journal of Neuroscience</i> , 2009, 29, 7148-7157.	1.7	107
252	Return of Memory and Sleep Efficiency Following Moderate to Severe Closed Head Injury. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 320-326.	1.4	69
253	Neural circuits controlling diaphragm function in the cat revealed by transneuronal tracing. <i>Journal of Applied Physiology</i> , 2009, 106, 138-152.	1.2	62

#	ARTICLE	IF	CITATIONS
254	Narcolepsyâ€™Master of Disguise: Evidence-Based Recommendations for Management. Postgraduate Medicine, 2009, 121, 99-104.	0.9	9
255	Pressed for time: the circadian clock and hypertension. Journal of Applied Physiology, 2009, 107, 1328-1338.	1.2	60
256	Sleep and Headache. Seminars in Neurology, 2009, 29, 406-418.	0.5	67
257	The agony of the ecstasy. Neurology, 2009, 73, 1947-1948.	1.5	5
258	Circadian Rhythm in Rest and Activity: A Biological Correlate of Quality of Life and a Predictor of Survival in Patients with Metastatic Colorectal Cancer. Cancer Research, 2009, 69, 4700-4707.	0.4	195
259	Emerging drugs for insomnia: new frontiers for old and novel targets. Expert Opinion on Emerging Drugs, 2009, 14, 411-422.	1.0	44
260	The effect of melatonergic and non-melatonergic antidepressants on sleep: weighing the alternatives. World Journal of Biological Psychiatry, 2009, 10, 342-354.	1.3	17
261	Emerging principles and neural substrates underlying tonic sleep-state-dependent influences on respiratory motor activity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2553-2564.	1.8	50
262	D1/D2 receptor-targeting L-stepholidine, an active ingredient of the Chinese herb Stephonia, induces non-rapid eye movement sleep in mice. Pharmacology Biochemistry and Behavior, 2009, 94, 16-23.	1.3	36
263	Sleep disordered breathing following spinal cord injury. Respiratory Physiology and Neurobiology, 2009, 169, 165-170.	0.7	36
264	Preliminary evidence that both blue and red light can induce alertness at night. BMC Neuroscience, 2009, 10, 105.	0.8	125
265	The GABAA Receptor RDL Acts in Peptidergic PDF Neurons to Promote Sleep in Drosophila. Current Biology, 2009, 19, 386-390.	1.8	187
266	Circadian Timing of REM Sleep Is Coupled to an Oscillator within the Dorsomedial Suprachiasmatic Nucleus. Current Biology, 2009, 19, 848-852.	1.8	107
267	A newly proposed disease condition produced by light exposure during night: Asynchronization. Brain and Development, 2009, 31, 255-273.	0.6	53
268	Refined anatomical isolation of functional sleep circuits exhibits distinctive regional and circadian gene transcriptional profiles. Brain Research, 2009, 1271, 1-17.	1.1	20
269	Functional neuroanatomy of sleep and circadian rhythms. Brain Research Reviews, 2009, 61, 281-306.	9.1	98
270	Sleep deprivation: implications for obstetric practice in the United States. American Journal of Obstetrics and Gynecology, 2009, 201, 136.e1-136.e4.	0.7	11
271	Reduced amygdala activity during aversive conditioning in human narcolepsy. Annals of Neurology, 2010, 67, 394-398.	2.8	72

#	ARTICLE	IF	CITATIONS
272	Approaches to measuring the effects of wake-promoting drugs: a focus on cognitive function. <i>Human Psychopharmacology</i> , 2009, 24, 371-389.	0.7	12
273	The mesopontine rostromedial tegmental nucleus: A structure targeted by the lateral habenula that projects to the ventral tegmental area of Tsai and substantia nigra compacta. <i>Journal of Comparative Neurology</i> , 2009, 513, 566-596.	0.9	391
274	Paraventricular thalamic nucleus: Subcortical connections and innervation by serotonin, orexin, and corticotropin-releasing hormone in macaque monkeys. <i>Journal of Comparative Neurology</i> , 2009, 512, 825-848.	0.9	122
275	GABAergic neuron distribution in the pedunculo-pontine nucleus defines functional subterritories. <i>Journal of Comparative Neurology</i> , 2009, 515, 397-408.	0.9	94
276	Light- and dark-dependent orexinergic neuronal signals promote neurodegenerative phenomena accounting for distinct behavioral responses in the teleost <i>Thalassoma pavo</i> . <i>Journal of Neuroscience Research</i> , 2009, 87, 748-757.	1.3	37
277	BCL-2 and BAX proteins expression throughout the light-dark cycle and modifications induced by sleep deprivation and rebound in adult rat brain. <i>Journal of Neuroscience Research</i> , 2009, 87, 1602-1609.	1.3	24
278	Implicación de los canales L de Ca ²⁺ en el efecto de la orexina A sobre la entrada de Ca ²⁺ extracelular en neuronas de la corteza prefrontal de rata. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 125-136.	1.3	35
279	Microinjection of 70-kDal heat shock protein into the oral reticular nucleus of the pons suppresses rapid eye movement sleep in pigeons. <i>Neuroscience and Behavioral Physiology</i> , 2009, 39, 289-296.	0.2	2
280	Ramelteon: a review of its therapeutic potential in sleep disorders. <i>Advances in Therapy</i> , 2009, 26, 613-626.	1.3	70
282	Sleep and delirium in ICU patients: a review of mechanisms and manifestations. <i>Intensive Care Medicine</i> , 2009, 35, 781-795.	3.9	737
283	The role of the thalamus in sleep, pineal melatonin production, and circadian rhythm sleep disorders. <i>Journal of Pineal Research</i> , 2009, 46, 1-7.	3.4	164
284	Physiological functions of glucose-inhibited neurones. <i>Acta Physiologica</i> , 2009, 195, 71-78.	1.8	48
285	The role of melanocortin neuronal pathways in circadian biology: a new homeostatic output involving melanocortin receptors?. <i>Obesity Reviews</i> , 2009, 10, 14-24.	3.1	18
286	Functional and structural brain alterations in insomnia: implications for pathophysiology. <i>European Journal of Neuroscience</i> , 2009, 29, 1754-1760.	1.2	62
287	Sleep function: current questions and new approaches. <i>European Journal of Neuroscience</i> , 2009, 29, 1830-1841.	1.2	85
288	c-Fos expression in preoptic nuclei as a marker of sleep rebound in the rat. <i>European Journal of Neuroscience</i> , 2009, 30, 651-661.	1.2	34
289	Hypocretin/orexin contributes to the expression of some but not all forms of stress and arousal. <i>European Journal of Neuroscience</i> , 2009, 30, 1603-1614.	1.2	154
290	Role of polysialylated neural cell adhesion molecule in rapid eye movement sleep regulation in rats. <i>European Journal of Neuroscience</i> , 2009, 30, 2190-2204.	1.2	8

#	ARTICLE	IF	CITATIONS
291	Central Thalamic Deepâ€œBrain Stimulation in the Severely Injured Brain. <i>Annals of the New York Academy of Sciences</i> , 2009, 1157, 101-116.	1.8	48
292	Migraine and the Hypothalamus. <i>Cephalalgia</i> , 2009, 29, 809-817.	1.8	94
293	Rodent models of insomnia: A review of experimental procedures that induce sleep disturbances. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 874-899.	2.9	63
297	Diseases of Hypothalamic Origin. , 2009, , 3005-3048.		0
298	Delayed Arousal. <i>Anesthesiology Clinics</i> , 2009, 27, 429-450.	0.6	6
299	The brain hypocretins and their receptors: mediators of allostatic arousal. <i>Current Opinion in Pharmacology</i> , 2009, 9, 39-45.	1.7	89
300	Novel analysis of sleep patterns in rats separates periods of vigilance cycling from long-duration wake events. <i>Behavioural Brain Research</i> , 2009, 196, 228-236.	1.2	35
301	Chronic alcohol treatment in rats alters sleep by fragmenting periods of vigilance cycling in the light period with extended awakenings. <i>Behavioural Brain Research</i> , 2009, 198, 113-124.	1.2	27
302	Increased numbers of motor activity peaks during light cycle are associated with reductions in adrenergic α 2-receptor levels in a transgenic Huntington's disease rat model. <i>Behavioural Brain Research</i> , 2009, 205, 175-182.	1.2	35
303	Hypocretin/orexin disturbances in neurological disorders. <i>Sleep Medicine Reviews</i> , 2009, 13, 9-22.	3.8	66
304	A decade of hypocretin/orexin: Accomplishments in sleep medicine. <i>Sleep Medicine Reviews</i> , 2009, 13, 5-8.	3.8	10
305	Light as a modulator of cognitive brain function. <i>Trends in Cognitive Sciences</i> , 2009, 13, 429-438.	4.0	397
306	Potentiating effect of diltiazem on pentobarbital-induced hypnosis is augmented by serotonergic system: The TMN and VLPO as key elements in the pathway. <i>Neuropharmacology</i> , 2009, 56, 937-943.	2.0	14
307	Brown adipose tissue thermogenesis heats brain and body as part of the brain-coordinated ultradian basic rest-activity cycle. <i>Neuroscience</i> , 2009, 164, 849-861.	1.1	80
308	Orexin-A inputs onto visuomotor cell groups in the monkey brainstem. <i>Neuroscience</i> , 2009, 164, 629-640.	1.1	18
309	Vesicular glutamate transporter 1 and vesicular glutamate transporter 2 synapses on cholinergic neurons in the sublenticular gray of the rat basal forebrain: a double-label electron microscopic study. <i>Neuroscience</i> , 2009, 164, 1721-1731.	1.1	21
310	Pathophysiology of depression: Role of sleep and the melatonergic system. <i>Psychiatry Research</i> , 2009, 165, 201-214.	1.7	121
311	Comparison of clinical characteristics among narcolepsy with and without cataplexy and idiopathic hypersomnia without long sleep time, focusing on HLA-DRB1 α 1501/DQB1 α 0602 finding. <i>Sleep Medicine</i> , 2009, 10, 961-966.	0.8	45

#	ARTICLE	IF	CITATIONS
312	Paradoxical insomnia: The role of CAP and arousals in sleep misperception. <i>Sleep Medicine</i> , 2009, 10, 1139-1145.	0.8	84
313	Multiple sleep latency measures in narcolepsy and behaviourally induced insufficient sleep syndrome. <i>Sleep Medicine</i> , 2009, 10, 1146-1150.	0.8	81
314	The pars intercerebralis as a modulator of locomotor rhythms and feeding in the American cockroach, <i>Periplaneta americana</i> . <i>Physiology and Behavior</i> , 2009, 96, 548-556.	1.0	20
315	Cataplexy: An affair of pleasure or an unpleasant affair?. <i>Neuroscience Letters</i> , 2009, 450, 90-91.	1.0	8
316	Burst Spiking of a Single Cortical Neuron Modifies Global Brain State. <i>Science</i> , 2009, 324, 643-646.	6.0	236
317	Metabolic state, neurohormones, and vagal stimulation, not increased serotonin, orchestrate postprandial drowsiness. <i>Bioscience Hypotheses</i> , 2009, 2, 422-427.	0.2	4
318	Melatonin and its relevance to jet lag. <i>Travel Medicine and Infectious Disease</i> , 2009, 7, 69-81.	1.5	43
319	Neurodegenerative Diseases: Tryptophan Metabolism. , 2009, , 2620-2623.		1
320	Brief Review: Diurnal Rhythms, Obesity and Educational Achievement in South American Cultures. <i>International Journal of Neuroscience</i> , 2009, 119, 1091-1104.	0.8	3
321	Changing to daylight saving time cuts into sleep and increases workplace injuries.. <i>Journal of Applied Psychology</i> , 2009, 94, 1305-1317.	4.2	185
322	Melatonin and Melatonergic Drugs on Sleep: Possible Mechanisms of Action. <i>International Journal of Neuroscience</i> , 2009, 119, 821-846.	0.8	139
323	Circadian Intraocular Pressure Rhythms in Athletic Horses under Different Lighting Regime. <i>Chronobiology International</i> , 2009, 26, 348-358.	0.9	40
324	Neural Tube. , 2009, , 2606-2606.		0
325	Short-Term Memory. , 2009, , 3687-3689.		0
326	Striate Cortex Functions. , 2009, , 3866-3873.		0
328	'I'm tired': Differential effects of physical and emotional fatigue on workload management strategies. <i>Human Relations</i> , 2009, 62, 59-92.	3.8	55
329	Sleep Homeostasis Modulates Hypocretin-Mediated Sleep-to-Wake Transitions. <i>Journal of Neuroscience</i> , 2009, 29, 10939-10949.	1.7	232
330	Biomedical Application of Orexin/Hypocretin Receptor Ligands in Neuroscience. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 891-903.	2.9	71

#	ARTICLE	IF	CITATIONS
331	Abundance of Degrees of Freedom. , 2008, , 3-3.		1
332	Behavioural signs of depression and apoptosis in the limbic system following myocardial infarction: effects of sertraline. Journal of Psychopharmacology, 2009, 23, 451-459.	2.0	59
333	Circadian Rhythm and the Immune Response: A Review. International Reviews of Immunology, 2009, 28, 93-108.	1.5	34
334	Orexin/Hypocretin: A Neuropeptide at the Interface of Sleep, Energy Homeostasis, and Reward System. Pharmacological Reviews, 2009, 61, 162-176.	7.1	414
335	Consciousness: physiological dependence on rapid memory access. Frontiers in Bioscience - Landmark, 2009, Volume, 2779.	3.0	7
336	Sleepiness in Parkinson's disease. Parkinsonism and Related Disorders, 2009, 15, S101-S104.	1.1	82
337	General Anaesthesia and Consciousness. , 2009, , 118-134.		20
338	Circadian and Homeostatic Regulation of Human Sleep and Cognitive Performance and Its Modulation by PERIOD3. Sleep Medicine Clinics, 2009, 4, 111-125.	1.2	16
339	Neurobiologic Mechanisms in Chronic Insomnia. Sleep Medicine Clinics, 2009, 4, 549-558.	1.2	18
340	Sedation and Sleep Disturbances in the ICU. Critical Care Clinics, 2009, 25, 539-549.	1.0	33
341	Expression of Hydroxyindole-<i>O</i>-Methyltransferase Enzyme in the Human Central Nervous System and in Pineal Parenchymal Cell Tumors. Journal of Neuropathology and Experimental Neurology, 2010, 69, 498-510.	0.9	25
342	Hypothalamic versus neocortical control of sleep. Current Opinion in Pulmonary Medicine, 2010, 16, 530-535.	1.2	23
343	Crucial role of prostaglandin D₂ and adenosine in sleep regulation: experimental evidence from pharmacological approaches to gene-knockout mice. Future Neurology, 2010, 5, 363-376.	0.9	18
344	Utility of Sleep Stage Transitions in Assessing Sleep Continuity. Sleep, 2010, , .	0.6	0
346	Utility of Sleep Stage Transitions in Assessing Sleep Continuity. Sleep, 2010, 33, 1681-1686.	0.6	59
347	Investigational melatonin receptor agonists. Expert Opinion on Investigational Drugs, 2010, 19, 747-764.	1.9	54
348	The adjustment and manipulation of biological rhythms by light, nutrition, and abused drugs. Advanced Drug Delivery Reviews, 2010, 62, 918-927.	6.6	77
349	Probing the Mechanisms of Chronotype Using Quantitative Modeling. Journal of Biological Rhythms, 2010, 25, 217-227.	1.4	89

#	ARTICLE	IF	CITATIONS
350	A mathematical model of the sleep/wake cycle. <i>Journal of Mathematical Biology</i> , 2010, 60, 615-644.	0.8	92
351	Intact learning and memory in rats following treatment with the dual orexin receptor antagonist almorexant. <i>Psychopharmacology</i> , 2010, 212, 145-154.	1.5	52
352	Quantitative physiologically based modeling of subjective fatigue during sleep deprivation. <i>Journal of Theoretical Biology</i> , 2010, 264, 407-419.	0.8	34
353	How vital is sleep in Huntington's disease?. <i>Journal of Neurology</i> , 2010, 257, 882-897.	1.8	46
354	Adaptation rate of 6-sulfatoxymelatonin and cognitive performance in offshore fleet shift workers: a field study. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 607-615.	1.1	24
355	Consciousness as recursive, spatiotemporal self-location. <i>Psychological Research</i> , 2010, 74, 407-421.	1.0	8
356	Pattern of distribution of serotonergic fibers to the thalamus of the rat. <i>Brain Structure and Function</i> , 2010, 215, 1-28.	1.2	53
358	Hypocretins in the Control of Sleep and Wakefulness. <i>Current Neurology and Neuroscience Reports</i> , 2010, 10, 174-179.	2.0	66
359	Headache and sleep: guidance in recognition. <i>Douleur Et Analgesie</i> , 2010, 23, 175-180.	0.2	1
361	Deep brain stimulation for medically intractable cluster headache. <i>Neurobiology of Disease</i> , 2010, 38, 361-368.	2.1	55
362	Effect of sleep restriction on pain perception: Towards greater attention !. <i>Pain</i> , 2010, 148, 6-7.	2.0	11
363	State-dependent central chemoreception: A role of orexin. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 223-229.	0.7	44
364	Orexin neurons as arousal-associated modulators of central cardiorespiratory regulation. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 43-54.	0.7	41
365	Good night and good luck: Norepinephrine in sleep pharmacology. <i>Biochemical Pharmacology</i> , 2010, 79, 801-809.	2.0	139
366	Cognitive domains affected by histamine H1-antagonism in humans: A literature review. <i>Brain Research Reviews</i> , 2010, 64, 263-282.	9.1	27
367	Orexin Receptor Antagonists: A New Concept In CNS Disorders?. <i>ChemMedChem</i> , 2010, 5, 1197-1214.	1.6	66
368	Distribution and phenotype of Phox2a-containing neurons in the adult sprague-dawley rat. <i>Journal of Comparative Neurology</i> , 2010, 518, 2202-2220.	0.9	22
369	Distribution of relaxin and RFXP3 within arousal, stress, affective, and cognitive circuits of mouse brain. <i>Journal of Comparative Neurology</i> , 2010, 518, 4016-4045.	0.9	123

#	ARTICLE	IF	CITATIONS
370	Abnormal activity in reward brain circuits in human narcolepsy with cataplexy. <i>Annals of Neurology</i> , 2010, 67, 190-200.	2.8	105
371	Sleep induced by stimulation in the human pedunculopontine nucleus area. <i>Annals of Neurology</i> , 2010, 67, 546-549.	2.8	93
372	Characterization of the bout durations of sleep and wakefulness. <i>Journal of Neuroscience Methods</i> , 2010, 193, 321-333.	1.3	53
373	A Retrospective Review of the Sleep Characteristics in Patients with Chronic Fatigue Syndrome and Fibromyalgia. <i>Pain Practice</i> , 2010, 10, 294-300.	0.9	24
374	Sleep and Headache: The Biological Basis. <i>Headache</i> , 2010, 50, 1246-1251.	1.8	38
375	Frequency and Correlates of Caregiver-Reported Sleep Disturbances in a Sample of Persons with Early Dementia. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 480-486.	1.3	112
376	The orchestration of conscious experience by subcortical structures. <i>Biological Reviews</i> , 2010, 85, 281-299.	4.7	4
377	Restricted feeding-induced entrainment of activity rhythm and peripheral clock rhythm. <i>Sleep and Biological Rhythms</i> , 2010, 8, 18-27.	0.5	6
378	Sleep is neither a passive nor an active phenomenon. <i>Sleep and Biological Rhythms</i> , 2010, 8, 163-169.	0.5	13
379	Hypocretin/orexin and narcolepsy: new basic and clinical insights. <i>Acta Physiologica</i> , 2010, 198, 209-222.	1.8	70
380	Orexins/hypocretins and aminergic systems. <i>Acta Physiologica</i> , 2010, 198, 263-275.	1.8	38
381	Orexins/hypocretins control bistability of hippocampal long-term synaptic plasticity through co-activation of multiple kinases. <i>Acta Physiologica</i> , 2010, 198, 277-285.	1.8	73
382	Activation of the basal forebrain by the orexin/hypocretin neurones. <i>Acta Physiologica</i> , 2010, 198, 223-235.	1.8	81
383	Experience-dependent plasticity in hypocretin/orexin neurones: re-setting arousal threshold. <i>Acta Physiologica</i> , 2010, 198, 251-262.	1.8	17
384	SLEEPLESS, a Ly-6/neurotoxin family member, regulates the levels, localization and activity of Shaker. <i>Nature Neuroscience</i> , 2010, 13, 69-75.	7.1	99
385	A genomic atlas of mouse hypothalamic development. <i>Nature Neuroscience</i> , 2010, 13, 767-775.	7.1	354
386	Tuning arousal with optogenetic modulation of locus coeruleus neurons. <i>Nature Neuroscience</i> , 2010, 13, 1526-1533.	7.1	800
387	Circadian rhythms and sleep in bipolar disorder. <i>Bipolar Disorders</i> , 2010, 12, 459-472.	1.1	196

#	ARTICLE	IF	CITATIONS
388	A Twin Study of Sleep Duration and Body Mass Index. <i>Journal of Clinical Sleep Medicine</i> , 2010, 06, 11-17.	1.4	83
389	Stress and Arousal/Sleep. , 2010, , 295-303.		1
390	Sleep-waking discharge of ventral tuberomammillary neurons in wild-type and histidine decarboxylase knock-out mice. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 53.	1.0	42
391	Molecular and anatomical signatures of sleep deprivation in the mouse brain. <i>Frontiers in Neuroscience</i> , 2010, 4, 165.	1.4	90
392	Cerebral and Peripheral Changes Occurring in Nitric Oxide (NO) Synthesis in a Rat Model of Sleeping Sickness: Identification of Brain iNOS Expressing Cells. <i>PLoS ONE</i> , 2010, 5, e9211.	1.1	19
393	The Injection of Hypocretin-1 into the Nucleus Pontis Oralis Induces either Active Sleep or Wakefulness Depending on the Behavioral State when it is Administered. <i>Sleep</i> , 2010, 33, 1236-1243.	0.6	17
394	Disturbed sleep linking allergic rhinitis mood and suicidal behavior. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 30-46.	0.8	23
395	Validation of the ICSD-2 Criteria for CSF Hypocretin-1 Measurements in the Diagnosis of Narcolepsy in the Danish Population. <i>Sleep</i> , 2010, 33, 169-176.	0.6	81
396	Central chemoreception in wakefulness and sleep: evidence for a distributed network and a role for orexin. <i>Journal of Applied Physiology</i> , 2010, 108, 1417-1424.	1.2	66
397	Simulating Microinjection Experiments in a Novel Model of the Rat Sleep-Wake Regulatory Network. <i>Journal of Neurophysiology</i> , 2010, 103, 1937-1953.	0.9	58
398	Circadian Clocks and Metabolism. , 2010, , 115-137.		0
399	Impact of generalized brain arousal on sexual behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2265-2270.	3.3	48
400	Effect of total sleep deprivation on postprandial metabolic and insulin responses in shift workers and non-shift workers. <i>Journal of Endocrinology</i> , 2010, 206, 205-215.	1.2	35
401	Excessive Daytime Sleepiness in Parkinson's Disease: Characteristics and Determinants. <i>European Neurology</i> , 2010, 63, 129-135.	0.6	88
402	Locus Ceruleus and Anterior Cingulate Cortex Sustain Wakefulness in a Novel Environment. <i>Journal of Neuroscience</i> , 2010, 30, 14543-14551.	1.7	141
403	Chronic Insomnia: Clinical and Research Challenges - An Agenda. <i>Pharmacopsychiatry</i> , 2011, 44, 1-14.	1.7	72
405	Mental Health Benefits of Strength Training in Adults. <i>American Journal of Lifestyle Medicine</i> , 2010, 4, 377-396.	0.8	95
406	On the Origin and the Consequences of Circadian Abnormalities in Patients With Cirrhosis. <i>American Journal of Gastroenterology</i> , 2010, 105, 1773-1781.	0.2	73

#	ARTICLE	IF	CITATIONS
407	Circadian Rhythms and Metabolic Syndrome. <i>Circulation Research</i> , 2010, 106, 447-462.	2.0	418
408	Essential Role of Dopamine D ₂ Receptor in the Maintenance of Wakefulness, But Not in Homeostatic Regulation of Sleep, in Mice. <i>Journal of Neuroscience</i> , 2010, 30, 4382-4389.	1.7	180
409	Effects of Medial Hypothalamic Lesions on Feeding-Induced Entrainment of Locomotor Activity and Liver <i>Per2</i> Expression in <i>Per2::luc</i> Mice. <i>Journal of Biological Rhythms</i> , 2010, 25, 9-18.	1.4	35
410	Genetic analysis of sleep. <i>Genes and Development</i> , 2010, 24, 1220-1235.	2.7	135
411	Spectral quality of light modulates emotional brain responses in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19549-19554.	3.3	179
412	Supplementary reading. , 2010, , 174-179.		0
414	HYPOCRETIN DEFICIENCY IN NARCOLEPSY WITH CATAPLEXY IS ASSOCIATED WITH A NORMAL BODY CORE TEMPERATURE MODULATION. <i>Chronobiology International</i> , 2010, 27, 1596-1608.	0.9	13
415	Mammalian Sleep Dynamics: How Diverse Features Arise from a Common Physiological Framework. <i>PLoS Computational Biology</i> , 2010, 6, e1000826.	1.5	45
417	The Neurochemistry of Awakening. <i>International Review of Neurobiology</i> , 2010, 93, 229-255.	0.9	10
418	Awakenings and Awareness Recovery in Disorders of Consciousness. <i>CNS Drugs</i> , 2010, 24, 625-638.	2.7	54
419	Review: Clock genes at the heart of depression. <i>Journal of Psychopharmacology</i> , 2010, 24, 5-14.	2.0	59
420	Antidepressant and Antipsychotic Drugs. <i>Sleep Medicine Clinics</i> , 2010, 5, 571-589.	1.2	27
421	Neurobiology of Sleep. <i>Clinics in Chest Medicine</i> , 2010, 31, 309-318.	0.8	35
422	Anesthesia, Sleep, and Upper Airway Collapsibility. <i>Anesthesiology Clinics</i> , 2010, 28, 443-455.	0.6	46
423	General Anesthesia, Sleep, and Coma. <i>New England Journal of Medicine</i> , 2010, 363, 2638-2650.	13.9	989
424	Is Disturbed Intracortical Excitability a Stable Trait of Chronic Insomnia? A Study Using Transcranial Magnetic Stimulation Before and After Multimodal Sleep Therapy. <i>Biological Psychiatry</i> , 2010, 68, 950-955.	0.7	66
425	What Keeps Us Awake?—the Role of Clocks and Hourglasses, Light, and Melatonin. <i>International Review of Neurobiology</i> , 2010, 93, 57-90.	0.9	55
426	Histamine in the CNS: Multiple functions and potential neurologic implications. <i>Neurology</i> , 2010, 75, 1472-1479.	1.5	40

#	ARTICLE	IF	CITATIONS
427	Underlying Brain Mechanisms that Regulate Sleep-Wakefulness Cycles. <i>International Review of Neurobiology</i> , 2010, 93, 1-21.	0.9	31
428	Circadian Integration of Metabolism and Energetics. <i>Science</i> , 2010, 330, 1349-1354.	6.0	1,596
429	Pathophysiology of Sleep Disorders. , 2010, , 325-361.		2
430	British Association for Psychopharmacology consensus statement on evidence-based treatment of insomnia, parasomnias and circadian rhythm disorders. <i>Journal of Psychopharmacology</i> , 2010, 24, 1577-1601.	2.0	484
431	A test of the effects of acute sleep deprivation on general and specific self-reported anxiety and depressive symptoms: An experimental extension. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2010, 41, 297-303.	0.6	141
432	Sleep and metabolism: Role of hypothalamic neuronal circuitry. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2010, 24, 817-828.	2.2	29
433	African trypanosome infections of the nervous system: Parasite entry and effects on sleep and synaptic functions. <i>Progress in Neurobiology</i> , 2010, 91, 152-171.	2.8	118
434	Are the Dorsal and Ventral Hippocampus Functionally Distinct Structures?. <i>Neuron</i> , 2010, 65, 7-19.	3.8	2,651
435	Identification of a Neural Circuit that Underlies the Effects of Octopamine on Sleep:Wake Behavior. <i>Neuron</i> , 2010, 65, 670-681.	3.8	238
436	GABAergic regulation of the perifornical lateral hypothalamic neurons during non-rapid eye movement sleep in rats. <i>Neuroscience</i> , 2010, 167, 920-928.	1.1	13
437	Distinct types of non-cholinergic pedunculopontine neurons are differentially modulated during global brain states. <i>Neuroscience</i> , 2010, 170, 78-91.	1.1	57
438	The hyperarousal model of insomnia: A review of the concept and its evidence. <i>Sleep Medicine Reviews</i> , 2010, 14, 19-31.	3.8	1,265
439	PERIOD3, circadian phenotypes, and sleep homeostasis. <i>Sleep Medicine Reviews</i> , 2010, 14, 151-160.	3.8	222
440	Comorbidity of insomnia and depression. <i>Sleep Medicine Reviews</i> , 2010, 14, 35-46.	3.8	371
441	Approaches to unravel the genetics of sleep. <i>Sleep Medicine Reviews</i> , 2010, 14, 397-404.	3.8	6
442	Circadian clocks: genes, sleep, and cognition. <i>Trends in Cognitive Sciences</i> , 2010, 14, 259-267.	4.0	149
443	Circadian dysfunction in disease. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 191-198.	4.0	191
444	Current and emerging therapies for migraine prevention and treatment. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2010, 97, 789-809.	1.0	0

#	ARTICLE	IF	CITATIONS
445	Dynamic subcortical blood flow during male sexual activity with ecological validity: A perfusion fMRI study. <i>NeuroImage</i> , 2010, 50, 208-216.	2.1	70
446	Insomnia Pharmacology. <i>Medical Clinics of North America</i> , 2010, 94, 563-580.	1.1	19
447	Slow Wave Activity During Sleep: Functional and Therapeutic Implications. <i>Neuroscientist</i> , 2010, 16, 618-633.	2.6	56
448	Metabolism and Circadian Rhythmsâ€™ Implications for Obesity. <i>Endocrine Reviews</i> , 2010, 31, 1-24.	8.9	434
449	Modeling Phase Transitions in the Brain. , 2010, , .		32
450	REST/ACTIVITY RHYTHMS AND MORTALITY RATES IN OLDER MEN: MROS SLEEP STUDY. <i>Chronobiology International</i> , 2010, 27, 363-377.	0.9	83
451	Pharmacological Validation of Candidate Causal Sleep Genes Identified in an N2 Cross. <i>Journal of Neurogenetics</i> , 2011, 25, 167-181.	0.6	10
452	Rest/Activity Rhythms and Cardiovascular Disease in Older Men. <i>Chronobiology International</i> , 2011, 28, 258-266.	0.9	62
453	Phasic modulation of cortical high-frequency oscillations by pedunculopontine neurons. <i>Progress in Brain Research</i> , 2011, 193, 85-92.	0.9	16
454	The Genetics of Sleep: Insight from Rodent Models. <i>Sleep Medicine Clinics</i> , 2011, 6, 141-154.	1.2	7
455	Genetics of Electroencephalography During Wakefulness and Sleep. <i>Sleep Medicine Clinics</i> , 2011, 6, 155-169.	1.2	3
456	The Subcallosal Cingulate Gyrus in the Context of Major Depression. <i>Biological Psychiatry</i> , 2011, 69, 301-308.	0.7	404
457	Abnormal Hypothalamic Response to Light in Seasonal Affective Disorder. <i>Biological Psychiatry</i> , 2011, 70, 954-961.	0.7	48
458	A neurobiological model of insomnia. <i>Drug Discovery Today: Disease Models</i> , 2011, 8, 129-137.	1.2	128
459	General Anesthesia and Altered States of Arousal: A Systems Neuroscience Analysis. <i>Annual Review of Neuroscience</i> , 2011, 34, 601-628.	5.0	413
461	Emotional Expressiveness in Sleep-Deprived Healthy Adults. <i>Behavioral Sleep Medicine</i> , 2011, 9, 5-14.	1.1	92
462	General anaesthesia and electroencephalographic spindles. <i>Trends in Anaesthesia and Critical Care</i> , 2011, 1, 263-269.	0.4	14
463	Effects of undernourishment on the hypothalamic orexinergic system. <i>Physiology and Behavior</i> , 2011, 102, 17-21.	1.0	16

#	ARTICLE	IF	CITATIONS
465	Metabolic Basis of Obesity. , 2011, , .		5
466	Sedation and Sleep Disturbances in the ICU. <i>Anesthesiology Clinics</i> , 2011, 29, 675-685.	0.6	15
467	Respiratory Physiology. , 2011, , 237-249.		4
468	Functional Anatomy of the Sleep-Wakefulness Cycle: Wakefulness. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2011, , .	1.0	4
469	The end of sleep: â€˜Sleep debtâ€™™ versus biological adaptation of human sleep to waking needs. <i>Biological Psychology</i> , 2011, 87, 1-14.	1.1	58
470	Orexin links emotional stress to autonomic functions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 161, 20-27.	1.4	81
471	Contribution of melanin-concentrating hormone (MCH1) receptor to thermoregulation and sleep stabilization: Evidence from MCH1 (â€³/â€³) mice. <i>Behavioural Brain Research</i> , 2011, 218, 42-50.	1.2	28
472	Dynamic Interactions between Orexin and Dynorphin May Delay Onset of Functional Orexin Effects: A Modeling Study. <i>Journal of Biological Rhythms</i> , 2011, 26, 171-181.	1.4	17
473	Hypothesis for the pathophysiology of delirium: Role of baseline brain network connectivity and changes in inhibitory tone. <i>Medical Hypotheses</i> , 2011, 77, 140-143.	0.8	124
474	Immunoplasticity â€˜ Triggers of regulatory function. <i>Medical Hypotheses</i> , 2011, 77, 1145-1147.	0.8	2
475	Optogenetic investigation of neural circuits in vivo. <i>Trends in Molecular Medicine</i> , 2011, 17, 197-206.	3.5	78
476	Insomnia in central neurologic diseases â€˜ Occurrence and management. <i>Sleep Medicine Reviews</i> , 2011, 15, 369-378.	3.8	91
477	Prostaglandin D2 and sleep/wake regulation. <i>Sleep Medicine Reviews</i> , 2011, 15, 411-418.	3.8	176
478	Melatoninâ€™A pleiotropic, orchestrating regulator molecule. <i>Progress in Neurobiology</i> , 2011, 93, 350-384.	2.8	680
479	Melatonin agonists in primary insomnia and depression-associated insomnia: Are they superior to sedative-hypnotics?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 913-923.	2.5	50
480	insomniac and Cullin-3 Regulate Sleep and Wakefulness in <i>Drosophila</i> . <i>Neuron</i> , 2011, 72, 964-976.	3.8	139
481	The wake-promoting transmitter histamine preferentially enhances alpha-4 subunit-containing GABAA receptors. <i>Neuropharmacology</i> , 2011, 61, 747-752.	2.0	16
482	Orexinergic neuron numbers in three species of African mole rats with rhythmic and arrhythmic chronotypes. <i>Neuroscience</i> , 2011, 199, 153-165.	1.1	10

#	ARTICLE	IF	CITATIONS
483	Thalamocortical dynamics of sleep: Roles of purinergic neuromodulation. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 245-251.	2.3	28
484	From REM sleep behaviour disorder to status dissociatus: Insights into the maze of states of being. <i>Sleep Medicine</i> , 2011, 12, S68-S71.	0.8	11
485	Daily Rhythms in Olfactory Discrimination Depend on Clock Genes but Not the Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 2011, 26, 552-560.	1.4	46
486	Editorial [Hot Topic: Local Use-Dependent Sleep (Guest Editors: J.M. Krueger & J.P. Wisor)]. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2390-2391.	1.0	7
487	Behavioral and Genetic Dissection of a Mouse Model for Advanced Sleep Phase Syndrome. <i>Sleep</i> , 2011, 34, 49-56.	0.6	20
488	Involvement of Tuberomamillary Histaminergic Neurons in Isoflurane Anesthesia. <i>Anesthesiology</i> , 2011, 115, 36-43.	1.3	57
489	Sleep and Obesity in Children and Adolescents. , 2011, , 167-182.		3
490	Excessive sleepiness due to medications and drugs. , 0, , 386-398.		0
492	Development of an Optimised Losartan Potassium Press-Coated Tablets for Chronotherapeutic Drug Delivery. <i>Tropical Journal of Pharmaceutical Research</i> , 2011, 10, .	0.2	4
493	Neurochemistry of excessive sleepiness. , 0, , 14-28.		0
494	Sleep and Heat Related Changes in the Cognitive Performance of Underground Miners: A Possible Health and Safety Concern. <i>Minerals (Basel, Switzerland)</i> , 2011, 1, 49-72.	0.8	6
495	Chronobiology and Chronotherapy of Hypertension – A Review. <i>International Journal of Health Research</i> , 2011, 3, .	0.2	5
496	Pharmacologic Treatment. , 2011, , 916-930.		2
497	Identification of Causal Genes, Networks, and Transcriptional Regulators of REM Sleep and Wake. <i>Sleep</i> , 2011, 34, 1469-1477.	0.6	25
498	AMPK Regulates Circadian Rhythms in a Tissue- and Isoform-Specific Manner. <i>PLoS ONE</i> , 2011, 6, e18450.	1.1	113
499	The Neuronal Transition Probability (NTP) Model for the Dynamic Progression of Non-REM Sleep EEG: The Role of the Suprachiasmatic Nucleus. <i>PLoS ONE</i> , 2011, 6, e23593.	1.1	7
500	Dynein Light Chain Tctex-Type 1 Modulates Orexin Signaling through Its Interaction with Orexin 1 Receptor. <i>PLoS ONE</i> , 2011, 6, e26430.	1.1	20
503	Chronobiology of Epilepsy: Diagnostic and Therapeutic Implications of Chrono-Epileptology. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 146-153.	0.9	56

#	ARTICLE	IF	CITATIONS
504	Closed Loop Anesthesia. <i>Anesthesia and Analgesia</i> , 2011, 112, 516-518.	1.1	70
505	Genome-Wide Association Studies of Sleep Disorders. <i>Chest</i> , 2011, 139, 446-452.	0.4	23
506	The Role of Adenosine in the Regulation of Sleep. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 1047-1057.	1.0	175
507	Neurochemical and Neuropharmacological Aspects of Circadian Disruptions: An Introduction to Asynchronization. <i>Current Neuropharmacology</i> , 2011, 9, 330-341.	1.4	21
508	Consciousness and Cell Memory: A Dynamic Epigenetic Interrelationship. <i>Canadian Journal of Neurological Sciences</i> , 2011, 38, 681-688.	0.3	2
509	Executive functions, information sampling, and decision making in narcolepsy with cataplexy.. <i>Neuropsychology</i> , 2011, 25, 477-487.	1.0	40
510	Quantitative modelling of sleep dynamics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 3840-3854.	1.6	37
511	Intraoperative Awareness. <i>Anesthesiology</i> , 2011, 114, 1218-1233.	1.3	89
512	Obesity and short sleep: unlikely bedfellows?. <i>Obesity Reviews</i> , 2011, 12, e84-94.	3.1	52
513	Relationship between clinical characteristics of narcolepsy and CSF orexin levels. <i>Journal of Sleep Research</i> , 2011, 20, 45-49.	1.7	30
514	Slow eye movement detection can prevent sleep-related accidents effectively in a simulated driving task. <i>Journal of Sleep Research</i> , 2011, 20, 416-424.	1.7	42
515	Genetic dissection of neural circuitry regulating behavioral state using conditional transgenics. <i>Sleep and Biological Rhythms</i> , 2011, 9, 78-83.	0.5	0
516	Prostaglandin D2 and adenosine as endogenous somnogens. <i>Sleep and Biological Rhythms</i> , 2011, 9, 10-17.	0.5	3
517	Training Issues Pertaining to Sleep Medicine and Child Neurology. <i>Seminars in Pediatric Neurology</i> , 2011, 18, 139-141.	1.0	0
518	Concepts of brain death. <i>Surgery</i> , 2011, 29, 289-294.	0.1	2
519	Lack of sleep and unethical conduct. <i>Organizational Behavior and Human Decision Processes</i> , 2011, 115, 169-180.	1.4	324
520	Sleep Disturbances in Children Recovered from Central Nervous System Neoplasms. <i>Journal of Pediatrics</i> , 2011, 159, 268-272.e1.	0.9	18
521	Effects of ghrelin on psychopathology, sleep and secretion of cortisol and growth hormone in patients with major depression. <i>Journal of Psychiatric Research</i> , 2011, 45, 421-426.	1.5	73

#	ARTICLE	IF	CITATIONS
522	Drug targets for cognitive enhancement in neuropsychiatric disorders. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 130-145.	1.3	120
523	Sex, drugs and gluttony: How the brain controls motivated behaviors. <i>Physiology and Behavior</i> , 2011, 104, 173-177.	1.0	45
524	Nocturnal hyperthermia induced by social stress in male tree shrews: Relation to low testosterone and effects of age. <i>Physiology and Behavior</i> , 2011, 104, 786-795.	1.0	12
525	Influence of work shift on glutamic acid and gamma-aminobutyric acid (GABA): Evaluation with proton magnetic resonance spectroscopy at 3T. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 55-59.	0.9	20
526	Complaints of difficulty to fall asleep increase the risk of depression in later life: The health in men study. <i>Journal of Affective Disorders</i> , 2011, 134, 208-216.	2.0	45
527	Fibromyalgia and Sleep. <i>Best Practice and Research in Clinical Rheumatology</i> , 2011, 25, 227-239.	1.4	45
528	Sleep health and asynchronization. <i>Brain and Development</i> , 2011, 33, 252-259.	0.6	20
529	Fatigue in sustained attention: Generalizing mechanisms for time awake to time on task.. , 2011, , 83-101.		20
530	De fysiologie van slapen en dromen. <i>Bijblijven (Amsterdam, Netherlands)</i> , 2011, 27, 17-23.	0.0	2
531	Central mechanisms of the sleep-wakefulness cycle control. <i>Human Physiology</i> , 2011, 37, 500-508.	0.1	13
532	A continuous mapping of sleep states through association of EEG with a mesoscale cortical model. <i>Journal of Computational Neuroscience</i> , 2011, 30, 471-487.	0.6	19
533	Sleep in children with cancer: case review of 70 children evaluated in a comprehensive pediatric sleep center. <i>Supportive Care in Cancer</i> , 2011, 19, 985-994.	1.0	103
536	The waking brain: an update. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2499-2512.	2.4	106
537	Effect of a novel histamine subtype-3 receptor inverse agonist and modafinil on EEG power spectra during sleep deprivation and recovery sleep in male volunteers. <i>Psychopharmacology</i> , 2011, 215, 643-653.	1.5	37
538	Contribution of sedative-hypnotic agents to delirium via modulation of the sleep pathway. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 149-156.	0.7	75
539	Fat-1 transgenic cattle as a model to study the function of ω -3 fatty acids. <i>Lipids in Health and Disease</i> , 2011, 10, 244.	1.2	17
540	Uric acid as a potential disease modifier in patients with multiple system atrophy. <i>Movement Disorders</i> , 2011, 26, 1533-1536.	2.2	31
541	Neuropsychological functioning in Parkinson's disease: Differential relationships with self-reported sleep-wake disturbances. <i>Movement Disorders</i> , 2011, 26, 1537-1541.	2.2	47

#	ARTICLE	IF	CITATIONS
542	The economic impact of cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 1541-1544.	2.2	100
543	The role of the inferior frontal gyri in cognitive processing of patients with Parkinson's disease: A pilot rTMS study. <i>Movement Disorders</i> , 2011, 26, 1545-1548.	2.2	41
544	A new diagnostic test to distinguish tremulous Parkinson's disease from advanced essential tremor. <i>Movement Disorders</i> , 2011, 26, 1548-1552.	2.2	51
545	Cardiac autonomic denervation in Parkinson's disease is linked to REM sleep behavior disorder. <i>Movement Disorders</i> , 2011, 26, 1529-1533.	2.2	73
546	A randomized, double-blind, placebo-controlled trial of levetiracetam for dyskinesia in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 1552-1555.	2.2	26
547	Anatomy of disturbed sleep in pallido-substantia nigral degeneration. <i>Annals of Neurology</i> , 2011, 69, 1014-1025.	2.8	10
548	Shift work at young age is associated with increased risk for multiple sclerosis. <i>Annals of Neurology</i> , 2011, 70, 733-741.	2.8	122
549	Reassessment of the structural basis of the ascending arousal system. <i>Journal of Comparative Neurology</i> , 2011, 519, 933-956.	0.9	427
550	Incorporation of caffeine into a quantitative model of fatigue and sleep. <i>Journal of Theoretical Biology</i> , 2011, 273, 44-54.	0.8	47
551	Nucleus incertus: An emerging modulatory role in arousal, stress and memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1326-1341.	2.9	88
552	Age-related changes in the cognitive function of sleep. <i>Progress in Brain Research</i> , 2011, 191, 75-89.	0.9	173
553	Sleep-wake changes and cognition in neurodegenerative disease. <i>Progress in Brain Research</i> , 2011, 190, 21-52.	0.9	48
554	Can light make us bright? Effects of light on cognition and sleep. <i>Progress in Brain Research</i> , 2011, 190, 119-133.	0.9	110
555	Involvement of cytokines in slow wave sleep. <i>Progress in Brain Research</i> , 2011, 193, 39-47.	0.9	107
556	Differential Effects of the Dual Orexin Receptor Antagonist Almorexant and the GABA _A Receptor Modulator Zolpidem, Alone or Combined with Ethanol, on Motor Performance in the Rat. <i>Neuropsychopharmacology</i> , 2011, 36, 848-856.	2.8	47
557	Temporal Profiling of Orexin Receptor-Arrestin-Ubiquitin Complexes Reveals Differences between Receptor Subtypes. <i>Journal of Biological Chemistry</i> , 2011, 286, 16726-16733.	1.6	32
558	Complex movement disorders at disease onset in childhood narcolepsy with cataplexy. <i>Brain</i> , 2011, 134, 3480-3492.	3.7	159
559	The Use of Chronobiotics in the Resynchronization of the Sleep/Wake Cycle. Therapeutical Application in the Early Phases of Alzheimer's Disease. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2011, 5, 80-90.	0.7	19

#	ARTICLE	IF	CITATIONS
560	Modeling the temporal architecture of rat sleep-wake behavior. , 2011, 2011, 4713-6.		5
561	Local sleep homeostasis in the avian brain: convergence of sleep function in mammals and birds?. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2419-2428.	1.2	100
562	Arousal Effect of Caffeine Depends on Adenosine A2A Receptors in the Shell of the Nucleus Accumbens. Journal of Neuroscience, 2011, 31, 10067-10075.	1.7	267
563	When prevention promotes creativity: The role of mood, regulatory focus, and regulatory closure.. Journal of Personality and Social Psychology, 2011, 100, 794-809.	2.6	228
564	Revisiting Spontaneous Internal Desynchrony Using a Quantitative Model of Sleep Physiology. Journal of Biological Rhythms, 2011, 26, 441-453.	1.4	39
565	Examining the Effects of Sleep Deprivation on Workplace Deviance: A Self-Regulatory Perspective. Academy of Management Journal, 2011, 54, 913-934.	4.3	389
566	Dopamine Acts as a Partial Agonist for A2A Adrenoceptor in Melanin-Concentrating Hormone Neurons. Journal of Neuroscience, 2011, 31, 10671-10676.	1.7	21
567	Sleep opportunities and periodic light exposures: Impact on biomarkers, performance and sleepiness. Lighting Research and Technology, 2011, 43, 349-369.	1.2	18
568	Circadian rhythms, sleep, and metabolism. Journal of Clinical Investigation, 2011, 121, 2133-2141.	3.9	521
569	The Hypothalamus. , 2011, , 303-341.		6
570	Circadian regulation of sleep-wake behaviour in nocturnal rats requires multiple signals from suprachiasmatic nucleus. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3855-3883.	1.6	30
571	Sleep and its disorders in translational medicine. Journal of Psychopharmacology, 2011, 25, 1226-1234.	2.0	23
572	Clinical Pharmacology of Other Drugs Used as Hypnotics. , 2011, , 492-509.		4
573	Advances in Cognitive Neurodynamics (II). , 2011, , .		2
574	The sleeping brain as a complex system. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3697-3707.	1.6	19
575	The Effects of Neuropeptide S on General Anesthesia in Rats. Anesthesia and Analgesia, 2011, 112, 845-849.	1.1	31
576	Nociceptive blink reflex and pain-related evoked potentials in hypnic headache. Cephalalgia, 2011, 31, 1181-1188.	1.8	19
577	Motor control in sleep. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 99, 835-849.	1.0	5

#	ARTICLE	IF	CITATIONS
578	Local network regulation of orexin neurons in the lateral hypothalamus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R572-R580.	0.9	83
580	Electroacupuncture Treatment Normalized Sleep Disturbance in Morphine Withdrawal Rats. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	0.5	11
581	Daytime Sleepiness and Alertness. , 2011, , 42-53.		41
582	Genetics of Sleep in a Simple Model Organism. , 2011, , 151-160.		0
583	Genetic Basis of Sleep in Rodents. , 2011, , 161-174.		1
584	Sleep Homeostasis and Models of Sleep Regulation. , 2011, , 431-444.		57
585	Drugs That Disturb Sleep and Wakefulness. , 2011, , 542-560.		12
586	The Neurobiology of Dreaming. , 2011, , 563-575.		16
587	Circadian patterns of pediatric seizures. Neurology, 2011, 76, 145-153.	1.5	97
588	Spectral modulation attenuates molecular, endocrine, and neurobehavioral disruption induced by nocturnal light exposure. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E518-E527.	1.8	51
589	Blockade of orexin receptors with Almorexant reduces cardiorespiratory responses evoked from the hypothalamus but not baro- or chemoreceptor reflex responses. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1011-R1022.	0.9	31
590	Phase I studies on the safety, tolerability, pharmacokinetics and pharmacodynamics of SB-649868, a novel dual orexin receptor antagonist. Journal of Psychopharmacology, 2012, 26, 1058-1070.	2.0	56
591	Reconstructing Mammalian Sleep Dynamics with Data Assimilation. PLoS Computational Biology, 2012, 8, e1002788.	1.5	29
592	Leptin-sensitive neurons in the arcuate nuclei contribute to endogenous feeding rhythms. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R1313-R1326.	0.9	41
593	Î±-Adrenergic Receptor Function, Arousal and Sleep: Mechanisms and Therapeutic Implications. Pharmacopsychiatry, 2012, 45, 209-216.	1.7	37
594	Sleep disturbances and PTSD: a perpetual circle?. HÅggre Utbildning, 2012, 3, .	1.4	64
595	Humidity and sleep: a review on thermal aspect. Biological Rhythm Research, 2012, 43, 439-457.	0.4	18
596	Flavonoid Myricetin Modulates GABA _A Receptor Activity through Activation of Ca ²⁺ Channels and CaMK-II Pathway. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	0.5	13

#	ARTICLE	IF	CITATIONS
597	Reduced \hat{I}^3 -Aminobutyric Acid in Occipital and Anterior Cingulate Cortices in Primary Insomnia: a Link to Major Depressive Disorder?. <i>Neuropsychopharmacology</i> , 2012, 37, 1548-1557.	2.8	128
598	REM Sleep Instability â€“ A New Pathway for Insomnia?. <i>Pharmacopsychiatry</i> , 2012, 45, 167-76.	1.7	161
599	Essentials of Sleep Medicine. , 2012, , .		1
600	Melatonin and Synthetic Melatonergic Agonists: Actions and Metabolism in the Central Nervous System. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2012, 12, 189-216.	0.5	46
601	Association between Hypocretin-1 and Amyloid- \hat{I}^3 Cerebrospinal Fluid Levels in Alzheimerâ€™s Disease and Healthy Controls. <i>Current Alzheimer Research</i> , 2012, 9, 1119-1125.	0.7	55
602	Optogenetic Probing of Fast Glutamatergic Transmission from Hypocretin/Orexin to Histamine Neurons<i>In Situ</i>. <i>Journal of Neuroscience</i> , 2012, 32, 12437-12443.	1.7	131
603	Managing neurobehavioral capability when social expediency trumps biological imperatives. <i>Progress in Brain Research</i> , 2012, 199, 377-398.	0.9	15
604	Models for narcolepsy with cataplexy drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 155-164.	2.5	2
606	Alerting effects of daytime light exposure â€“ a proposed link between light exposure and brain mechanisms. <i>Lighting Research and Technology</i> , 2012, 44, 238-252.	1.2	33
607	Genetic Ablation of Hypocretin Neurons Alters Behavioral State Transitions in Zebrafish. <i>Journal of Neuroscience</i> , 2012, 32, 12961-12972.	1.7	93
608	Sleep Disturbance Among Spontaneously Hypertensive Rats is Mediated by an \hat{I}^1 -Adrenergic Mechanism. <i>American Journal of Hypertension</i> , 2012, 25, 1110-1117.	1.0	21
609	Characterization of Scale-Free Properties of Human Electroencephalography in Awake and Slow Wave Sleep States. <i>Frontiers in Neurology</i> , 2012, 3, 76.	1.1	18
610	Serum Ghrelin Levels and the Effects of Antidepressants in Major Depressive Disorder and Panic Disorder. <i>Neuropsychobiology</i> , 2012, 66, 185-192.	0.9	37
611	Effect of orexin-B-saporin-induced lesions of the lateral hypothalamus on performance on a progressive ratio schedule. <i>Journal of Psychopharmacology</i> , 2012, 26, 871-886.	2.0	8
612	The pathophysiology of insomnia. <i>Current Opinion in Pulmonary Medicine</i> , 2012, 18, 546-553.	1.2	19
613	Interaction between Sleep and Metabolism in <i>Drosophila</i> with Altered Octopamine Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 32406-32414.	1.6	56
614	Orexin-A Facilitates Emergence from Propofol Anesthesia in the Rat. <i>Anesthesia and Analgesia</i> , 2012, 115, 789-796.	1.1	50
616	Antidepressants and Sleep: Neurophysiology and Clinical Correlates. <i>Current Psychiatry Reviews</i> , 2012, 8, 2-13.	0.9	0

#	ARTICLE	IF	CITATIONS
617	Abnormal Sleep-Cardiovascular System Interaction in Narcolepsy with Cataplexy: Effects of Hypocretin Deficiency in Humans. <i>Sleep</i> , 2012, 35, 519-528.	0.6	86
618	Sleep Deprivation Increases Cerebral Serotonin 2A Receptor Binding in Humans. <i>Sleep</i> , 2012, 35, 1615-1623.	0.6	59
619	Cortical GABA Levels in Primary Insomnia. <i>Sleep</i> , 2012, 35, 807-814.	0.6	81
620	Cerebral Perfusion Differences Between Drowsy and Nondrowsy Individuals After Acute Sleep Restriction. <i>Sleep</i> , 2012, 35, 1085-1096.	0.6	63
621	Glutamate microinjection in the medial septum of rats decreases paradoxical sleep and increases slow wave sleep. <i>NeuroReport</i> , 2012, 23, 451-456.	0.6	7
623	Sleep-Related Problems in Neurologic Diseases. <i>Chest</i> , 2012, 141, 528-544.	0.4	44
624	Inverse Relationship of Subjective Daytime Sleepiness to Sympathetic Activity in Patients With Heart Failure and Obstructive Sleep Apnea. <i>Chest</i> , 2012, 142, 1222-1228.	0.4	62
625	Heart Rate Variability and Sleep. , 2012, , 185-200.		0
626	Modulation of Vigilance in the Primary Hypersomnias by Endogenous Enhancement of GABA _A Receptors. <i>Science Translational Medicine</i> , 2012, 4, 161ra151.	5.8	142
627	ATP-sensitive potassium channels mediate the thermosensory response of orexin neurons. <i>Journal of Physiology</i> , 2012, 590, 4707-4715.	1.3	8
628	Plant Development: How Long Is a Root?. <i>Current Biology</i> , 2012, 22, R919-R921.	1.8	4
629	Humoral Sleep Regulation; Interleukin-1 and Tumor Necrosis Factor. <i>Vitamins and Hormones</i> , 2012, 89, 241-257.	0.7	63
630	A Fast-Slow Analysis of the Dynamics of REM Sleep. <i>SIAM Journal on Applied Dynamical Systems</i> , 2012, 11, 212-242.	0.7	24
631	Direct Activation of Sleep-Promoting VLPO Neurons by Volatile Anesthetics Contributes to Anesthetic Hypnosis. <i>Current Biology</i> , 2012, 22, 2008-2016.	1.8	144
632	Hypersomnias of Central Origin. <i>Neurologic Clinics</i> , 2012, 30, 1027-1044.	0.8	17
633	Orexin receptors as therapeutic drug targets. <i>Progress in Brain Research</i> , 2012, 198, 163-188.	0.9	84
634	Open label, randomized, crossover pilot trial of high-resolution, relational, resonance-based, electroencephalic mirroring to relieve insomnia. <i>Brain and Behavior</i> , 2012, 2, 814-824.	1.0	15
635	The roles of the reward system in sleep and dreaming. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1934-1951.	2.9	195

#	ARTICLE	IF	CITATIONS
636	Neurophysiology and Neurochemistry of Hypersomnia. <i>Sleep Medicine Clinics</i> , 2012, 7, 179-190.	1.2	1
637	Neurochemistry and Biomarkers of Narcolepsy and Other Primary and Secondary Hypersomnias. <i>Sleep Medicine Clinics</i> , 2012, 7, 233-248.	1.2	3
638	Hypersomnia in Children. <i>Sleep Medicine Clinics</i> , 2012, 7, 379-389.	1.2	8
639	Hyperstable regulation of vigilance in patients with major depressive disorder. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 436-446.	1.3	95
640	Mechanism for Hypocretin-mediated sleep-to-wake transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2635-44.	3.3	236
641	Appropriate therapeutic selection for patients with shift work disorder. <i>Sleep Medicine</i> , 2012, 13, 335-341.	0.8	35
642	DTI reveals hypothalamic and brainstem white matter lesions in patients with idiopathic narcolepsy. <i>Sleep Medicine</i> , 2012, 13, 736-742.	0.8	47
643	Disturbed sleep/wake rhythms and neuronal cell loss in lateral hypothalamus and retina of mice with a spontaneous deletion in the ubiquitin carboxyl-terminal hydrolase L1 gene. <i>Neurobiology of Aging</i> , 2012, 33, 393-403.	1.5	20
644	Arousal effects of orexin A on acute alcohol intoxication-induced coma in rats. <i>Neuropharmacology</i> , 2012, 62, 775-783.	2.0	21
645	The human sexual response cycle: Brain imaging evidence linking sex to other pleasures. <i>Progress in Neurobiology</i> , 2012, 98, 49-81.	2.8	331
646	Noradrenergic modulation of wakefulness/arousal. <i>Sleep Medicine Reviews</i> , 2012, 16, 187-197.	3.8	276
647	Pharmacology of Sleep. , 2012, , 17-54.		0
648	Ferulic acid potentiates pentobarbital-induced sleep via the serotonergic system. <i>Neuroscience Letters</i> , 2012, 525, 95-99.	1.0	26
649	Does antiepileptogenesis affects sleep in genetic epileptic rats?. <i>International Journal of Psychophysiology</i> , 2012, 85, 49-54.	0.5	11
650	Circadian expression of clock genes in mouse macrophages, dendritic cells, and B cells. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 407-413.	2.0	134
651	The effects of the ketogenic diet on behavior and cognition. <i>Epilepsy Research</i> , 2012, 100, 304-309.	0.8	68
652	Sleep Bruxism: A Comprehensive Overview for the Dental Clinician Interested in Sleep Medicine. <i>Dental Clinics of North America</i> , 2012, 56, 387-413.	0.8	195
653	Differences in findings of nocturnal polysomnography and multiple sleep latency test between narcolepsy and idiopathic hypersomnia. <i>Clinical Neurophysiology</i> , 2012, 123, 137-141.	0.7	41

#	ARTICLE	IF	CITATIONS
654	Working in our sleep. <i>Organizational Psychology Review</i> , 2012, 2, 234-257.	3.0	171
655	Optogenetic Investigation of Neuropsychiatric Diseases. <i>International Journal of Neuroscience</i> , 2012, 123, 7-16.	0.8	10
656	Biological Rhythms of the Mouse. , 2012, , 383-407.		2
657	The startle syndromes: Physiology and treatment. <i>Epilepsia</i> , 2012, 53, 3-11.	2.6	76
658	Recent Chronology of Orexin Pharmacology and Its Potential as a Treatment for Primary Insomnia. <i>RSC Drug Discovery Series</i> , 2012, , 416-442.	0.2	2
659	Neocortex. , 2012, , 52-111.		35
660	What Are the Effects of Sleep Deprivation and Fatigue in Surgical Practice?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012, 24, 166-175.	0.4	41
661	Impaired consciousness in epilepsy. <i>Lancet Neurology</i> , The, 2012, 11, 814-826.	4.9	286
662	Delirium: Is sleep important?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2012, 26, 355-366.	1.7	67
663	General Anesthesia: Activating a Sleep Switch?. <i>Current Biology</i> , 2012, 22, R918-R919.	1.8	4
664	How do the basal ganglia regulate sleep-wake behavior?. <i>Trends in Neurosciences</i> , 2012, 35, 723-732.	4.2	124
665	Finding thalamic BOLD correlates to posterior alpha EEG. <i>NeuroImage</i> , 2012, 63, 1060-1069.	2.1	92
666	Magnolol, a major bioactive constituent of the bark of <i>Magnolia officinalis</i> , induces sleep via the benzodiazepine site of GABAA receptor in mice. <i>Neuropharmacology</i> , 2012, 63, 1191-1199.	2.0	40
667	Association between changes in cortical and jaw motor activities during sleep. <i>Journal of Oral Biosciences</i> , 2012, 54, 5-10.	0.8	5
668	Orexin Neurons and Emotional Stress. <i>Vitamins and Hormones</i> , 2012, 89, 135-158.	0.7	20
669	Neuromodulation of Brain States. <i>Neuron</i> , 2012, 76, 209-222.	3.8	515
670	Hypothalamic Control of Sleep in Aging. <i>NeuroMolecular Medicine</i> , 2012, 14, 139-153.	1.8	14
671	Neurobiological Mechanisms in Chronic Insomnia. <i>Sleep Medicine Clinics</i> , 2012, 7, 545-554.	1.2	0

#	ARTICLE	IF	CITATIONS
672	The Neurology of Sleep: 2012. <i>Sleep Medicine Clinics</i> , 2012, 7, 399-415.	1.2	9
673	Orphan GPCRs and Neuromodulation. <i>Neuron</i> , 2012, 76, 12-21.	3.8	58
674	The Connection Between Sleep Loss, Obesity, and Type 2 Diabetes. , 2012, , 133-168.		3
675	Circadian Regulation of the Hepatic Endobiotic and Xenobiotic Detoxification Pathways: The Time Matters. <i>Chemical Research in Toxicology</i> , 2012, 25, 811-824.	1.7	79
676	Work Stress: Help Me Get My Feet Back on the Ground. , 2012, , 65-78.		3
677	Neural Control of the Upper Airway: Integrative Physiological Mechanisms and Relevance for Sleep Disordered Breathing. , 2012, 2, 479-535.		38
678	Sleep Loss and Obesity. , 2012, , .		4
679	Neurobiological Basis of Autism. <i>Pediatric Clinics of North America</i> , 2012, 59, 45-61.	0.9	42
680	Circadian Rhythms in Neuroendocrine Systems. , 2012, , 271-305.		6
681	Nutrition and the circadian timing system. <i>Progress in Brain Research</i> , 2012, 199, 359-376.	0.9	61
682	RNA Interference of Gonadotropin-Inhibitory Hormone Gene Induces Arousal in Songbirds. <i>PLoS ONE</i> , 2012, 7, e30202.	1.1	66
683	Dopamine Modulates Metabolic Rate and Temperature Sensitivity in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e31513.	1.1	49
684	A Mathematical Model towards Understanding the Mechanism of Neuronal Regulation of Wake-NREMS-REMS States. <i>PLoS ONE</i> , 2012, 7, e42059.	1.1	46
685	The Role of GABA in Primary Insomnia. <i>Sleep</i> , 2012, 35, 741-742.	0.6	38
686	Distinct Phase Relationships between Suprachiasmatic Molecular Rhythms, Cerebral Cortex Molecular Rhythms, and Behavioral Rhythms in Early Runner (CAST/EiJ) and Nocturnal (C57BL/6J) Mice. <i>Sleep</i> , 2012, 35, 1385-1394.	0.6	10
687	Sleepâ€™Immune System Interaction: Advantages and Challenges of Human Sleep Loss Model. <i>Frontiers in Neurology</i> , 2012, 3, 2.	1.1	16
688	Circadian and wakefulness-sleep modulation of cognition in humans. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 50.	1.4	142
689	An Overview of Sleep. , 2012, , 43-61.		1

#	ARTICLE	IF	CITATIONS
690	Sleep and Psychotropic Drugs. , 2012, , .		14
691	Surgical Management of Severe Closed Head Injury in Adults. , 2012, , 1513-1538.		6
694	Essentials of Sleep Neuropharmacology. , 2012, , 62-82.		1
695	Neurobiology, Pathophysiology, and Treatment of Melatonin Deficiency and Dysfunction. Scientific World Journal, The, 2012, 2012, 1-18.	0.8	110
696	Metabolic Effects of Chronic Sleep Restriction in Rats. Sleep, 2012, 35, 1511-1520.	0.6	49
697	Sleep dysfunction in long term survivors of craniopharyngioma. Journal of Neuro-Oncology, 2012, 108, 543-549.	1.4	45
698	A Circadian Rhythm in Heart Rate Variability Contributes to the Increased Cardiac Sympathovagal Response to Awakening in the Morning. Chronobiology International, 2012, 29, 757-768.	0.9	96
699	Attenuated heart rate response in REM sleep behavior disorder and Parkinson's disease. Movement Disorders, 2012, 27, 888-894.	2.2	42
700	Functional Neuroanatomy and Sleepâ€Disordered Breathing: Implications for Autonomic Regulation. Anatomical Record, 2012, 295, 1385-1395.	0.8	35
701	International Union of Basic and Clinical Pharmacology. LXXXVI. Orexin Receptor Function, Nomenclature and Pharmacology. Pharmacological Reviews, 2012, 64, 389-420.	7.1	142
702	Melatonin and its analogs in insomnia and depression. Journal of Pineal Research, 2012, 52, 365-375.	3.4	264
703	Sleep a therapeutic target for stroke?. Experimental Neurology, 2012, 234, 1-4.	2.0	8
704	Relaxinâ€ null mutation mice display a circadian hypoactivity phenotype. Genes, Brain and Behavior, 2012, 11, 94-104.	1.1	50
705	Salivary cortisol and sleep problems among civil servants. Psychoneuroendocrinology, 2012, 37, 1086-1095.	1.3	43
706	Circadian system, sleep and endocrinology. Molecular and Cellular Endocrinology, 2012, 349, 91-104.	1.6	295
707	NHBA isolated from Gastrodia elata exerts sedative and hypnotic effects in sodium pentobarbital-treated mice. Pharmacology Biochemistry and Behavior, 2012, 102, 450-457.	1.3	54
708	Diverse types of ganglion cell photoreceptors in the mammalian retina. Progress in Retinal and Eye Research, 2012, 31, 287-302.	7.3	87
709	Twelveâ€hour days in the brain and behavior of split hamsters. European Journal of Neuroscience, 2012, 36, 2556-2566.	1.2	22

#	ARTICLE	IF	CITATIONS
710	The hypothalamus and the neurobiology of drug seeking. Cellular and Molecular Life Sciences, 2012, 69, 581-597.	2.4	49
711	Waking with the hypothalamus. Pflugers Archiv European Journal of Physiology, 2012, 463, 31-42.	1.3	25
712	A special issue on sleep. Pflugers Archiv European Journal of Physiology, 2012, 463, 1-2.	1.3	3
713	Circadian Timing. , 2013, , 609-627.		0
714	Impact of Neurological Diseases. , 2013, , 548-552.		0
715	Sleep and Consciousness. , 2013, , 133-182.		21
716	A chronometric functional sub-network in the thalamo-cortical system regulates the flow of neural information necessary for conscious cognitive processes. Neuropsychologia, 2013, 51, 1336-1349.	0.7	20
717	Actigraphy assessments of circadian sleep-wake cycles in the Vegetative and Minimally Conscious States. BMC Medicine, 2013, 11, 18.	2.3	63
718	Neuroimaging of Consciousness. , 2013, , .		6
719	Fatigue in the workplace: causes and countermeasures. Fatigue: Biomedicine, Health and Behavior, 2013, 1, 81-98.	1.2	44
720	Changes in Gene Expression. , 2013, , 246-250.		3
721	Statistical Learning With Time Series Dependence: An Application to Scoring Sleep in Mice. Journal of the American Statistical Association, 2013, 108, 1147-1162.	1.8	14
722	Hypothalamic clocks and rhythms in feeding behaviour. Trends in Neurosciences, 2013, 36, 74-82.	4.2	118
723	Reciprocal interactions between sleep, circadian rhythms and Alzheimer's disease: Focus on the role of hypocretin and melatonin. Ageing Research Reviews, 2013, 12, 188-200.	5.0	95
724	The nucleus basalis of Meynert: A new target for deep brain stimulation in dementia?. Neuroscience and Biobehavioral Reviews, 2013, 37, 2676-2688.	2.9	145
725	Why Does Sleep Stop Migraine?. Current Pain and Headache Reports, 2013, 17, 369.	1.3	19
726	The Circadian Clock in Cancer Development and Therapy. Progress in Molecular Biology and Translational Science, 2013, 119, 221-282.	0.9	196
727	Electrical stimulation of the rostral ventrolateral medulla promotes wakefulness in rats. Sleep Medicine, 2013, 14, 1076-1084.	0.8	14

#	ARTICLE	IF	CITATIONS
728	Neuroimaging Studies in Insomnia. <i>Current Psychiatry Reports</i> , 2013, 15, 405.	2.1	44
729	The role of histaminergic system of the brain in the regulation of sleep-wakefulness cycle. <i>Human Physiology</i> , 2013, 39, 574-583.	0.1	8
730	Central Activation of the A1 Adenosine Receptor (A1AR) Induces a Hypothermic, Torpor-Like State in the Rat. <i>Journal of Neuroscience</i> , 2013, 33, 14512-14525.	1.7	128
731	Basic Sleep-Wake Mechanisms. , 2013, , 446-452.		0
732	Mammalian Sleep. , 2013, , 63-65.		0
733	Dreaming under antidepressants: A systematic review on evidence in depressive patients and healthy volunteers. <i>Sleep Medicine Reviews</i> , 2013, 17, 133-142.	3.8	98
734	Transient Insomnia Versus Chronic Insomnia: A Comparison Study of Sleep-Related Psychological/Behavioral Characteristics. <i>Journal of Clinical Psychology</i> , 2013, 69, 1094-1107.	1.0	24
735	Contrasting Existence and Robustness of REM/Non-REM Cycling in Physiologically Based Models of REM Sleep Regulatory Networks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2013, 12, 279-314.	0.7	17
736	Sound-induced perturbations of the brain network in non-REM sleep, and network oscillations in wake. <i>Psychophysiology</i> , 2013, 50, 274-286.	1.2	2
737	Assessment of Sleep Problems in Preschool Aged Children: An Adaptation of the Children's Sleep Habits Questionnaire. <i>Behavioral Sleep Medicine</i> , 2013, 11, 283-296.	1.1	52
738	Sympathetic activity and hypothalamo-pituitary-adrenal axis activity during sleep in post-traumatic stress disorder: A study assessing polysomnography with simultaneous blood sampling. <i>Psychoneuroendocrinology</i> , 2013, 38, 155-165.	1.3	89
739	Hyperarousal and Insomnia. <i>Sleep Medicine Clinics</i> , 2013, 8, 299-307.	1.2	18
741	Control of arousal by the orexin neurons. <i>Current Opinion in Neurobiology</i> , 2013, 23, 752-759.	2.0	107
743	Effects of changes in energy homeostasis and exposure of noxious insults on the expression of orexin (hypocretin) and its receptors in the brain. <i>Brain Research</i> , 2013, 1526, 102-122.	1.1	23
744	Sleep: A behavioral account.. , 2013, , 425-453.		14
745	Upper Airway, Obstructive Sleep Apnea, and Anesthesia. <i>Sleep Medicine Clinics</i> , 2013, 8, 23-28.	1.2	2
746	Sleep disorders in patients with spinal cord injury. <i>Sleep Medicine Reviews</i> , 2013, 17, 399-409.	3.8	62
747	Trajectories of sleep changes during the acute phase of traumatic brain injury: A 7-day actigraphy study. <i>Journal of the Formosan Medical Association</i> , 2013, 112, 545-553.	0.8	26

#	ARTICLE	IF	CITATIONS
748	Sleep and Anesthesia. <i>Sleep Medicine Clinics</i> , 2013, 8, 1-9.	1.2	20
749	Pattern of tau hyperphosphorylation and neurotransmitter markers in the brainstem of senescent tau filament forming transgenic mice. <i>Brain Research</i> , 2013, 1497, 73-84.	1.1	10
751	Role of the basal ganglia in the control of sleep and wakefulness. <i>Current Opinion in Neurobiology</i> , 2013, 23, 780-785.	2.0	125
753	The emerging role of the parabrachial complex in the generation of wakefulness drive and its implication for respiratory control. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 318-323.	0.7	34
754	Review of the histamine system and the clinical effects of H1 antagonists: Basis for a new model for understanding the effects of insomnia medications. <i>Sleep Medicine Reviews</i> , 2013, 17, 263-272.	3.8	83
755	A sleep state during <i>C. elegans</i> development. <i>Current Opinion in Neurobiology</i> , 2013, 23, 824-830.	2.0	29
756	Sleep Regulation and Insomnia. , 2013, , 1889-1916.		0
757	Sleep: a synchrony of cell activity-driven small network states. <i>European Journal of Neuroscience</i> , 2013, 38, 2199-2209.	1.2	83
758	Sleep and the functional connectome. <i>NeuroImage</i> , 2013, 80, 387-396.	2.1	97
759	Lessons From Sleeping Flies: Insights from <i>Drosophila melanogaster</i> on the Neuronal Circuitry and Importance of Sleep. <i>Journal of Neurogenetics</i> , 2013, 27, 23-42.	0.6	33
760	A non-cholinergic neuronal loss in the pedunculo-pontine nucleus of toxin-evoked Parkinsonian rats. <i>Experimental Neurology</i> , 2013, 248, 213-223.	2.0	36
761	The histaminergic network in the brain: basic organization and role in disease. <i>Nature Reviews Neuroscience</i> , 2013, 14, 472-487.	4.9	264
762	Sleep, its regulation and possible mechanisms of sleep disturbances. <i>Acta Physiologica</i> , 2013, 208, 311-328.	1.8	95
763	Shift work and the assessment and management of shift work disorder (SWD). <i>Sleep Medicine Reviews</i> , 2013, 17, 41-54.	3.8	336
764	Sleep-wake characterization of double MT1/MT2 receptor knockout mice and comparison with MT1 and MT2 receptor knockout mice. <i>Behavioural Brain Research</i> , 2013, 243, 231-238.	1.2	95
765	Modeling Interindividual Differences in Spontaneous Internal Desynchrony Patterns. <i>Journal of Biological Rhythms</i> , 2013, 28, 339-355.	1.4	20
766	Physiology of the orexinergic/hypocretineric system: a revisit in 2012. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C2-C32.	2.1	116
767	A magnetic field projector for deep brain modulation. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
769	Gonadal- and Sex-Chromosome-Dependent Sex Differences in the Circadian System. <i>Endocrinology</i> , 2013, 154, 1501-1512.	1.4	109
770	Quantitative Electroencephalography Within Sleep/Wake States Differentiates GABAA Modulators Eszopiclone and Zolpidem From Dual Orexin Receptor Antagonists in Rats. <i>Neuropsychopharmacology</i> , 2013, 38, 2401-2408.	2.8	31
771	Relaxin-3/RXFP3 Signaling and Neuroendocrine Function – A Perspective on Extrinsic Hypothalamic Control. <i>Frontiers in Endocrinology</i> , 2013, 4, 128.	1.5	40
772	The physiological role of orexin/hypocretin neurons in the regulation of sleep/wakefulness and neuroendocrine functions. <i>Frontiers in Endocrinology</i> , 2013, 4, 18.	1.5	142
773	Astakine 2 – the Dark Knight Linking Melatonin to Circadian Regulation in Crustaceans. <i>PLoS Genetics</i> , 2013, 9, e1003361.	1.5	12
774	Mammalian Rest/Activity Patterns Explained by Physiologically Based Modeling. <i>PLoS Computational Biology</i> , 2013, 9, e1003213.	1.5	28
775	The Neurobiology of Sleep. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2013, 19, 19-31.	0.4	38
776	Dietary Therapy Mitigates Persistent Wake Deficits Caused by Mild Traumatic Brain Injury. <i>Science Translational Medicine</i> , 2013, 5, 215ra173.	5.8	90
777	Acute cerebral ischaemia: Relationship between serum and cerebrospinal fluid orexin-A concentration and infarct volume. <i>Journal of International Medical Research</i> , 2013, 41, 404-409.	0.4	12
778	Sleep and organizational citizenship behavior: The mediating role of job satisfaction.. <i>Journal of Occupational Health Psychology</i> , 2013, 18, 16-26.	2.3	91
779	Arousals Are Frequent and Associated With Exacerbated Blood Pressure Response in Patients With Primary Hypertension. <i>American Journal of Hypertension</i> , 2013, 26, 617-623.	1.0	12
780	Asymmetry and basic pathways in sleep-stage transitions. <i>Europhysics Letters</i> , 2013, 102, 10008.	0.7	48
781	Inflammation and neural signaling. <i>Current Opinion in Supportive and Palliative Care</i> , 2013, 7, 54-59.	0.5	67
782	Altered sleep regulation in a mouse model of <i>SCN1A</i> -derived genetic epilepsy with febrile seizures plus (<i>GEFS+</i>). <i>Epilepsia</i> , 2013, 54, 625-634.	2.6	45
783	Peptides and Sleep. , 2013, , 1864-1871.		1
784	Sleep and prejudice: a resource recovery approach. <i>Journal of Applied Social Psychology</i> , 2013, 43, E166.	1.3	46
785	Benzodiazepine-site pharmacology on <i>GABAA</i> receptors in histaminergic neurons. <i>British Journal of Pharmacology</i> , 2013, 170, 222-232.	2.7	10
786	Sleep as a biomarker for depression. <i>International Review of Psychiatry</i> , 2013, 25, 632-645.	1.4	81

#	ARTICLE	IF	CITATIONS
787	Common Genetic Variants in <i>ARNTL</i> and <i>NPAS2</i> and at Chromosome 12p13 are Associated with Objectively Measured Sleep Traits in the Elderly. <i>Sleep</i> , 2013, 36, 431-446.	0.6	45
788	Sleep Transitions in Hypocretin-Deficient Narcolepsy. <i>Sleep</i> , 2013, 36, 1173-1177.	0.6	55
789	Direct Effects of Light on Alertness, Vigilance, and the Waking Electroencephalogram in Humans Depend on Prior Light History. <i>Sleep</i> , 2013, 36, 1239-1246.	0.6	94
790	Sleep Regulation Mechanisms and Sleep-Promoting Food Components. <i>Kagaku To Seibutsu</i> , 2013, 51, 754-762.	0.0	0
792	Phase shift in the 24-hour rhythm of hippocampal EEG spiking activity in a rat model of temporal lobe epilepsy. <i>Journal of Neurophysiology</i> , 2013, 110, 1070-1086.	0.9	11
793	Planning Sleep-Related Animal and Translational Research. , 2013, , 139-150.		0
794	Do <i>C. elegans</i> Sleep? A Closer Look. <i>Sleep</i> , 2013, 36, 307-308.	0.6	6
795	NREM-REM Sleep Regulation. , 2013, , 473-476.		1
796	Neurobiology of Sexual Desire. <i>NeuroQuantology</i> , 2013, 11, .	0.1	11
798	The Hypothalamus. , 2013, , 717-727.		9
799	The Neurobiology of Sleep and Dreaming. , 2013, , 847-869.		1
800	Overview of Physiological Processes During Sleep. , 2013, , 385-389.		2
802	Maternal Dietary Restriction Alters Offspring's Sleep Homeostasis. <i>PLoS ONE</i> , 2013, 8, e64263.	1.1	9
803	Selected Neurophysiological, Psychological, and Behavioral Influences on Subjective Sleep Quality in Nurses: A Structure Equation Model. <i>PLoS ONE</i> , 2013, 8, e79529.	1.1	16
804	Kv2.2: A Novel Molecular Target to Study the Role of Basal Forebrain GABAergic Neurons in the Sleep-Wake Cycle. <i>Sleep</i> , 2013, 36, 1839-1848.	0.6	24
805	The Physiology of Normal Sleep. <i>Hanyang Medical Reviews</i> , 2013, 33, 190.	0.4	8
806	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
807	Role of orexin in modulating arousal, feeding, and motivation. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 28.	1.0	205

#	ARTICLE	IF	CITATIONS
808	Regulation of zebrafish sleep and arousal states: current and prospective approaches. <i>Frontiers in Neural Circuits</i> , 2013, 7, 58.	1.4	64
809	Brain and effort: brain activation and effort-related working memory in healthy participants and patients with working memory deficits. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 140.	1.0	66
810	CNS Control of Glucose Metabolism: Response to Environmental Challenges. <i>Frontiers in Neuroscience</i> , 2013, 7, 20.	1.4	37
811	Dual orexin receptor antagonists show distinct effects on locomotor performance, ethanol interaction and sleep architecture relative to gamma-aminobutyric acid-A receptor modulators. <i>Frontiers in Neuroscience</i> , 2013, 7, 254.	1.4	30
812	Neurophysiological Basis of Sleep's Function on Memory and Cognition. <i>ISRN Physiology</i> , 2013, 2013, 1-17.	0.4	16
814	Prostaglandin D2 in the regulation of sleep. , 2013, , 73-83.		7
816	Respiratory Physiology. , 2013, , 517-524.		1
817	Neurology of sleep and sleep disorders. , 0, , 76-83.		0
818	Contributions to the Understanding of the Neural Bases of the Consciousness. , 2013, , .		1
819	Diurnal Microstructural Variations in Healthy Adult Brain Revealed by Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2014, 9, e84822.	1.1	29
820	Coupled Flip-Flop Model for REM Sleep Regulation in the Rat. <i>PLoS ONE</i> , 2014, 9, e94481.	1.1	27
821	Genetic Association of Objective Sleep Phenotypes with a Functional Polymorphism in the Neuropeptide S Receptor Gene. <i>PLoS ONE</i> , 2014, 9, e98789.	1.1	27
822	Homeostasis in <i>C. elegans</i> sleep is characterized by two behaviorally and genetically distinct mechanisms. <i>ELife</i> , 2014, 3, e04380.	2.8	56
823	Relaxin-3/RXFP3 networks: an emerging target for the treatment of depression and other neuropsychiatric diseases?. <i>Frontiers in Pharmacology</i> , 2014, 5, 46.	1.6	54
824	Orexin receptor antagonist-induced sleep does not impair the ability to wake in response to emotionally salient acoustic stimuli in dogs. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 182.	1.0	34
825	Reduced Thalamic and Pontine Connectivity in Kleine-Levin Syndrome. <i>Frontiers in Neurology</i> , 2014, 5, 42.	1.1	12
826	Consciousness and Subcortical Arousal Systems. , 2014, , 277-298.		3
827	Safe Sedation and Hypnosis using Dexmedetomidine for Minimally Invasive Spine Surgery in a Prone Position. <i>Korean Journal of Pain</i> , 2014, 27, 313-320.	0.8	42

#	ARTICLE	IF	CITATIONS
828	Chronotherapy in the treatment of epilepsy. ChronoPhysiology and Therapy, 0, , 109.	0.5	2
829	Control of sleep-to-wake transitions via fast amino acid and slow neuropeptide transmission. New Journal of Physics, 2014, 16, 115010.	1.2	16
830	Neuropeptidergic Signaling Partitions Arousal Behaviors in Zebrafish. Journal of Neuroscience, 2014, 34, 3142-3160.	1.7	82
831	Abnormal daytime sleepiness in dementia with Lewy bodies compared to Alzheimer's disease using the Multiple Sleep Latency Test. Alzheimer's Research and Therapy, 2014, 6, 76.	3.0	45
832	Autonomic Control of the Eye. , 2015, 5, 439-473.		291
833	Headache and sleep: Shared pathophysiological mechanisms. Cephalalgia, 2014, 34, 725-744.	1.8	92
834	Medication-Related Hypersomnia. , 2014, , 167-174.		0
835	Lowered Insulin Signalling Ameliorates Age-Related Sleep Fragmentation in Drosophila. PLoS Biology, 2014, 12, e1001824.	2.6	80
836	Protecting the Melatonin Rhythm through Circadian Healthy Light Exposure. International Journal of Molecular Sciences, 2014, 15, 23448-23500.	1.8	170
837	Orexin and melanin-concentrating hormone neurons: a hypothalamic interface for sleep and feeding regulation. Bioscience Horizons, 2014, 7, hzu008-hzu008.	0.6	1
838	Awareness and recall during general anesthesia. Korean Journal of Anesthesiology, 2014, 66, 339.	0.9	165
839	Sleep-wake and melatonin pattern in craniopharyngioma patients. European Journal of Endocrinology, 2014, 170, 873-884.	1.9	56
840	Reduced anterior internal capsule white matter integrity in primary insomnia. Human Brain Mapping, 2014, 35, 3431-3438.	1.9	72
841	Cumulative neurobehavioral and physiological effects of chronic caffeine intake: individual differences and implications for the use of caffeinated energy products. Nutrition Reviews, 2014, 72, 34-47.	2.6	29
842	HIV Tat protein affects circadian rhythmicity by interfering with the circadian system. HIV Medicine, 2014, 15, 565-570.	1.0	35
843	Circadian rhythms have broad implications for understanding brain and behavior. European Journal of Neuroscience, 2014, 39, 1866-1880.	1.2	67
844	Thalamic synaptic transmission of sensory information modulated by synergistic interaction of adenosine and serotonin. Journal of Neurochemistry, 2014, 128, 852-863.	2.1	16
845	Orexin activates hypoglossal motoneurons and enhances genioglossus muscle activity in rats. British Journal of Pharmacology, 2014, 171, 4233-4246.	2.7	20

#	ARTICLE	IF	CITATIONS
846	Neurologic Aspects of Sleep Medicine. , 2014, , 1033-1065.		0
847	Pharmacological targeting of the mammalian clock regulates sleep architecture and emotional behaviour. Nature Communications, 2014, 5, 5759.	5.8	98
848	The role of adenosine A2A receptors of the preoptic area in somnogenic activity of 70 kDa protein in pigeons. Journal of Evolutionary Biochemistry and Physiology, 2014, 50, 492-499.	0.2	2
849	Keeping the right time in space: importance of circadian clock and sleep for physiology and performance of astronauts. Military Medical Research, 2014, 1, 23.	1.9	53
850	TDP-43 pathology in the basal forebrain and hypothalamus of patients with amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2014, 2, 171.	2.4	78
851	Integrating Modern Concepts of Insomnia and its Contemporary Treatment into Primary Care. Postgraduate Medicine, 2014, 126, 82-101.	0.9	16
852	Building a self-regulatory model of sleep deprivation and deception: The role of caffeine and social influence.. Journal of Applied Psychology, 2014, 99, 1268-1277.	4.2	84
853	Top-down mechanisms of anesthetic-induced unconsciousness. Frontiers in Systems Neuroscience, 2014, 8, 115.	1.2	101
854	Orexinergic System Dysregulation, Sleep Impairment, and Cognitive Decline in Alzheimer Disease. JAMA Neurology, 2014, 71, 1498.	4.5	262
855	Functional Magnetic Resonance Imaging in Narcolepsy and the Kleine-Levin Syndrome. Frontiers in Neurology, 2014, 5, 105.	1.1	16
856	Cortical-Subcortical Interactions in Hypersomnia Disorders: Mechanisms Underlying Cognitive and Behavioral Aspects of the Sleep-Wake Cycle. Frontiers in Neurology, 2014, 5, 165.	1.1	20
857	Differential sleep-promoting effects of dual orexin receptor antagonists and GABA receptor modulators. BMC Neuroscience, 2014, 15, 109.	0.8	37
858	Wildtype epidermal growth factor receptor (Egfr) is not required for daily locomotor or masking behavior in mice. Journal of Circadian Rhythms, 2014, 4, 15.	2.9	2
859	Losing the struggle to stay awake: Divergent thalamic and cortical activity during microsleeps. Human Brain Mapping, 2014, 35, 257-269.	1.9	92
860	Neuroscience-driven discovery and development of sleep therapeutics. , 2014, 141, 300-334.		55
863	A probabilistic framework for a physiological representation of dynamically evolving sleep state. Journal of Computational Neuroscience, 2014, 37, 105-124.	0.6	12
864	NREM and REM Sleep. Neuroscientist, 2014, 20, 203-219.	2.6	125
865	A role for orexin in cytotoxic chemotherapy-induced fatigue. Brain, Behavior, and Immunity, 2014, 37, 84-94.	2.0	47

#	ARTICLE	IF	CITATIONS
866	Physiologically-based modeling of sleep-wake regulatory networks. <i>Mathematical Biosciences</i> , 2014, 250, 54-68.	0.9	65
867	Calcium signalling and psychiatric disease: bipolar disorder and schizophrenia. <i>Cell and Tissue Research</i> , 2014, 357, 477-492.	1.5	141
868	Mechanisms of Anesthetic Emergence: Evidence for Active Reanimation. <i>Current Anesthesiology Reports</i> , 2014, 4, 49-56.	0.9	13
869	The Hypocretin System and Psychiatric Disorders. <i>Current Psychiatry Reports</i> , 2014, 16, 433.	2.1	36
870	Depression: chronophysiology and chronotherapy. <i>Biological Rhythm Research</i> , 2014, 45, 77-91.	0.4	10
871	The pharmacology of human sleep, a work in progress?. <i>Current Opinion in Pharmacology</i> , 2014, 14, 90-96.	1.7	8
872	Sleep in Elite Athletes and Nutritional Interventions to Enhance Sleep. <i>Sports Medicine</i> , 2014, 44, 13-23.	3.1	295
873	Nonauditory Effects of Noise. , 2014, , 266-300.		4
874	Absence of Central Circadian Pacemaker Abnormalities in Humans With Loss of Function Mutation in Prokineticin 2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E561-E566.	1.8	8
875	Sex differences in circadian timing systems: Implications for disease. <i>Frontiers in Neuroendocrinology</i> , 2014, 35, 111-139.	2.5	246
876	The hypocretins/orexins: integrators of multiple physiological functions. <i>British Journal of Pharmacology</i> , 2014, 171, 332-350.	2.7	224
877	Minimum dynamic core in consciousness. <i>Journal of Theoretical Biology</i> , 2014, 343, 208-210.	0.8	1
878	Circadian and Homeostatic Modulation of Functional Connectivity and Regional Cerebral Blood Flow in Humans under Normal Entrained Conditions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1493-1499.	2.4	122
879	The Neurology of mTOR. <i>Neuron</i> , 2014, 84, 275-291.	3.8	594
880	Sleepiness and Human Impact Assessment. , 2014, , .		10
881	Circadian clock: linking epigenetics to aging. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 66-72.	1.5	68
882	Central (mainly) actions of GPCRs in energy homeostasis/balance: view from the Chair. <i>International Journal of Obesity Supplements</i> , 2014, 4, S21-S25.	12.5	0
883	N6-(3-methoxyl-4-hydroxybenzyl) adenine riboside induces sedative and hypnotic effects via GAD enzyme activation in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 146-151.	1.3	10

#	ARTICLE	IF	CITATIONS
884	Narcolepsy patients have antibodies that stain distinct cell populations in rat brain and influence sleep patterns. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3735-44.	3.3	71
885	Sleep and Respiratory Physiology in Adults. Clinics in Chest Medicine, 2014, 35, 469-481.	0.8	57
886	Roles of Adenosine and Its Receptors in Sleep-Wake Regulation. International Review of Neurobiology, 2014, 119, 349-371.	0.9	112
887	Ghrelin: A link between ageing, metabolism and neurodegenerative disorders. Neurobiology of Disease, 2014, 72, 72-83.	2.1	65
889	Sleepiness phenomics: Modeling individual differences in subjective sleepiness profiles. International Journal of Psychophysiology, 2014, 93, 150-161.	0.5	11
890	Selective targets for arousal-modifying drugs: implications for the treatment of sleep disorders. Drug Discovery Today, 2014, 19, 701-708.	3.2	23
891	Typical sleep patterns are absent in mechanically ventilated patients and their circadian melatonin rhythm is evident but the timing is altered by the ICU environment. Australian Critical Care, 2014, 27, 151-153.	0.6	9
892	Sleep deficits in mild cognitive impairment are related to increased levels of plasma amyloid- β^2 and cortical thinning. NeuroImage, 2014, 98, 395-404.	2.1	50
893	Central injection of relaxin-3 receptor (RXFP3) antagonist peptides reduces motivated food seeking and consumption in C57BL/6J mice. Behavioural Brain Research, 2014, 268, 117-126.	1.2	46
894	Principles of Medicating Children with Neurodevelopmental and Sleep Disorders - A Review. Paediatric Respiratory Reviews, 2014, 15, 86-91.	1.2	4
895	Controversies in the use of second generation antipsychotics as sleep agent. Pharmacological Research, 2014, 79, 1-8.	3.1	18
896	Blockade of the metabotropic glutamate (mGluR2) modulates arousal through vigilance states transitions: Evidence from sleep-wake EEG in rodents. Behavioural Brain Research, 2014, 270, 56-67.	1.2	29
897	Agomelatine in the tree shrew model of depression: Effects on stress-induced nocturnal hyperthermia and hormonal status. European Neuropsychopharmacology, 2014, 24, 437-447.	0.3	36
898	The role of serotonin 5-HT ₇ receptor in regulating sleep and wakefulness. Reviews in the Neurosciences, 2014, 25, 429-37.	1.4	36
899	The development of sleep-wake rhythms and the search for elemental circuits in the infant brain.. Behavioral Neuroscience, 2014, 128, 250-263.	0.6	79
900	Narcolepsy as an autoimmune disease: the role of H1N1 infection and vaccination. Lancet Neurology, The, 2014, 13, 600-613.	4.9	229
901	Serotonin Neurons and Central Respiratory Chemoreception. Progress in Brain Research, 2014, 209, 207-233.	0.9	72
902	Disorders of consciousness after acquired brain injury: the state of the science. Nature Reviews Neurology, 2014, 10, 99-114.	4.9	610

#	ARTICLE	IF	CITATIONS
903	The auditory-evoked arousal modulates motor cortex excitability. <i>Neuroscience</i> , 2014, 274, 403-408.	1.1	18
904	Complex macroscopic behavior in systems of phase oscillators with adaptive coupling. <i>Physica D: Nonlinear Phenomena</i> , 2014, 267, 27-35.	1.3	31
905	Hypocretin (orexin) regulation of sleep-to-wake transitions. <i>Frontiers in Pharmacology</i> , 2014, 5, 16.	1.6	100
907	<i>In Utero</i> Exposure to Valproic Acid Changes Sleep in Juvenile Rats: A Model for Sleep Disturbances in Autism. <i>Sleep</i> , 2014, 37, 1489-1499.	0.6	29
908	Cognitive Workload and Sleep Restriction Interact to Influence Sleep Homeostatic Responses. <i>Sleep</i> , 2014, 37, 1745-1756.	0.6	38
909	Acupuncture for Insomnia: Classical Chinese Medicine for the Diagnosis and Treatment of Sleep Disorders. <i>Medical Acupuncture</i> , 2014, 26, 315-325.	0.3	0
910	Sleep deficits but no metabolic deficits in premanifest Huntington's disease. <i>Annals of Neurology</i> , 2015, 78, 630-648.	2.8	95
911	Insomnia disorder. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15026.	18.1	425
913	Sleep Regulation and Insomnia. , 2015, , 1-28.		0
914	Insomnia Caused by Serotonin Depletion is Due to Hypothermia. <i>Sleep</i> , 2015, 38, 1985-1993.	0.6	35
915	Increased Lucid Dreaming Frequency in Narcolepsy. <i>Sleep</i> , 2015, 38, 787-792.	0.6	44
916	Optogenetic stimulation of cholinergic brainstem neurons during focal limbic seizures: Effects on cortical physiology. <i>Epilepsia</i> , 2015, 56, e198-e202.	2.6	37
917	How sleep and wakefulness influence circadian rhythmicity: effects of insufficient and mistimed sleep on the animal and human transcriptome. <i>Journal of Sleep Research</i> , 2015, 24, 476-493.	1.7	154
918	Clinical Electroencephalography for Anesthesiologists. <i>Anesthesiology</i> , 2015, 123, 937-960.	1.3	557
919	Scale-free brain dynamics under physical and psychological distress: Pre-treatment effects in women diagnosed with breast cancer. <i>Human Brain Mapping</i> , 2015, 36, 1077-1092.	1.9	34
920	Mechanisms for Robust Cognition. <i>Cognitive Science</i> , 2015, 39, 1131-1171.	0.8	9
921	Trajectories of Sleep and Its Predictors in the First Year Following Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, E50-E55.	1.0	14
922	Seizures and Brain Regulatory Systems. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 188-193.	0.9	17

#	ARTICLE	IF	CITATIONS
923	Bilateral Thalamic Stimulation Induces Insomnia in Patients Treated for Intractable Tremor. <i>Sleep</i> , 2015, 38, 473-478.	0.6	1
924	Manipulating the Circadian and Sleep Cycles to Protect Against Metabolic Disease. <i>Frontiers in Endocrinology</i> , 2015, 6, 35.	1.5	31
925	Non-additive modulation of synaptic transmission by serotonin, adenosine, and cholinergic modulators in the sensory thalamus. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 60.	1.8	2
926	Decoding brain state transitions in the pedunculopontine nucleus: cooperative phasic and tonic mechanisms. <i>Frontiers in Neural Circuits</i> , 2015, 9, 68.	1.4	39
927	Understanding how discrete populations of hypothalamic neurons orchestrate complicated behavioral states. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 111.	1.2	34
928	Polysomnographic Assessment of Sleep Comorbidities in Drug-Naïve Narcolepsy-Spectrum Disorders—A Japanese Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0136988.	1.1	13
929	Hypocretin neuron-specific transcriptome profiling identifies the sleep modulator <i>Kcnh4a</i> . <i>ELife</i> , 2015, 4, e08638.	2.8	54
930	Thalamic reticular nucleus induces fast and local modulation of arousal state. <i>ELife</i> , 2015, 4, e08760.	2.8	149
931	Comparison of Body, Auricular, and Abdominal Acupuncture Treatments for Insomnia Differentiated as Internal Harassment of Phlegm-Heat Syndrome: An Orthogonal Design. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	10
933	The Pathophysiology of Insomnia. <i>Chest</i> , 2015, 147, 1179-1192.	0.4	234
934	The effect of Mongolian medical acupuncture on cytokines and neurotransmitters in the brain tissue of insomniac rats. <i>European Journal of Integrative Medicine</i> , 2015, 7, 492-498.	0.8	10
936	Neurophysiology of Sleep and Circadian Rhythms. <i>Journal of Neurophysiology</i> , 2015, 113, 3-21.		0
937	The Case for Addressing Operator Fatigue. <i>Reviews of Human Factors and Ergonomics</i> , 2015, 10, 29-78.	0.5	28
939	Relevance of the metabotropic glutamate receptor (mGluR5) in the regulation of NREM-REM sleep cycle and homeostasis: Evidence from mGluR5 (Δ ²⁹ /Δ ²⁹) mice. <i>Behavioural Brain Research</i> , 2015, 282, 218-226.	1.2	32
940	Changes in Chronotype after Stroke: A Pilot Study. <i>Frontiers in Neurology</i> , 2014, 5, 287.	1.1	13
941	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. <i>Frontiers in Neurology</i> , 2015, 6, 32.	1.1	20
942	Plasticity of circadian clocks and consequences for metabolism. <i>Diabetes, Obesity and Metabolism</i> , 2015, 17, 65-75.	2.2	31
943	Thermoregulation under pressure: a role for orexin neurons. <i>Temperature</i> , 2015, 2, 379-391.	1.7	36

#	ARTICLE	IF	CITATIONS
944	How genetically engineered systems are helping to define, and in some cases redefine, the neurobiological basis of sleep and wake. <i>Temperature</i> , 2015, 2, 406-417.	1.7	10
945	Control of sleep by a network of cell cycle genes. <i>Fly</i> , 2015, 9, 165-172.	0.9	5
946	The Effect of Cataract Surgery on Circadian Photoentrainment. <i>Ophthalmology</i> , 2015, 122, 2115-2124.	2.5	45
947	A Multiscale "Working Brain" Model. <i>Springer Series in Computational Neuroscience</i> , 2015, , 107-140.	0.3	12
948	Sleep and fatigue in pediatric oncology: A review of the literature. <i>Sleep Medicine Reviews</i> , 2015, 24, 71-82.	3.8	81
949	Reduced cranial parasympathetic tone during the remission phase of cluster headache. <i>Cephalalgia</i> , 2015, 35, 469-477.	1.8	9
950	Decreased Subcortical Cholinergic Arousal in Focal Seizures. <i>Neuron</i> , 2015, 85, 561-572.	3.8	99
951	Cortical Network Switching: Possible Role of the Lateral Septum and Cholinergic Arousal. <i>Brain Stimulation</i> , 2015, 8, 36-41.	0.7	21
952	Clinical Systems Neuroscience. , 2015, , .		4
953	The protective effect of melatonin against cypermethrin-induced oxidative stress damage in <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Biological Rhythm Research</i> , 2015, 46, 1-12.	0.4	20
954	Pharmacological Treatment of Sleep Disorders and Its Relationship with Neuroplasticity. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 25, 503-553.	0.8	13
955	Hypothalamic leptin"neurotensin"hypocretin neuronal networks in zebrafish. <i>Journal of Comparative Neurology</i> , 2015, 523, 831-848.	0.9	20
956	REM sleep and memory reorganization: Potential relevance for psychiatry and psychotherapy. <i>Neurobiology of Learning and Memory</i> , 2015, 122, 28-40.	1.0	48
957	Shift work influences multiple sclerosis risk. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1195-1199.	1.4	48
958	Neuroimaging Insights into Insomnia. <i>Current Neurology and Neuroscience Reports</i> , 2015, 15, 9.	2.0	62
959	Sleep and Addictions. , 2015, , 337-347.		1
960	Metabolomic analysis of exercise effects in the POLG mitochondrial DNA mutator mouse brain. <i>Neurobiology of Aging</i> , 2015, 36, 2972-2983.	1.5	34
961	Sleep disturbances, TBI and PTSD: Implications for treatment and recovery. <i>Clinical Psychology Review</i> , 2015, 40, 195-212.	6.0	108

#	ARTICLE	IF	CITATIONS
962	Sleep Disorders: Psychiatric Aspects. , 2015, , 79-86.		0
963	Use of Drosophila in the investigation of sleep disorders. <i>Experimental Neurology</i> , 2015, 274, 72-79.	2.0	23
964	TARANIS Functions with Cyclin A and Cdk1 in a Novel Arousal Center to Control Sleep in Drosophila. <i>Current Biology</i> , 2015, 25, 1717-1726.	1.8	38
965	Migraine: Multiple Processes, Complex Pathophysiology. <i>Journal of Neuroscience</i> , 2015, 35, 6619-6629.	1.7	553
966	Beneficial effect of Danggui-Shaoyao-San, a traditional Chinese medicine, on drowsiness induced by chronic restraint stress. <i>Neuroscience Letters</i> , 2015, 597, 26-31.	1.0	17
967	Optogenetic Evidence for Inhibitory Signaling from Orexin to MCH Neurons via Local Microcircuits. <i>Journal of Neuroscience</i> , 2015, 35, 5435-5441.	1.7	113
968	Arousal transitions in sleep, wakefulness, and anesthesia are characterized by an orderly sequence of cortical events. <i>NeuroImage</i> , 2015, 116, 222-231.	2.1	59
969	Hypersomnia in Mood Disorders: a Rapidly Changing Landscape. <i>Current Sleep Medicine Reports</i> , 2015, 1, 122-130.	0.7	26
970	Sleep and chronobiology in cluster headache. <i>Cephalalgia</i> , 2015, 35, 969-978.	1.8	95
971	SIRT1 Relays Nutritional Inputs to the Circadian Clock Through the Sf1 Neurons of the Ventromedial Hypothalamus. <i>Endocrinology</i> , 2015, 156, 2174-2184.	1.4	53
972	Limitations on visual information processing in the sleep-deprived brain and their underlying mechanisms. <i>Current Opinion in Behavioral Sciences</i> , 2015, 1, 56-63.	2.0	22
973	Sleep in the Neurological Intensive Care Unit. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 66-74.	0.9	50
974	The median preoptic nucleus: front and centre for the regulation of body fluid, sodium, temperature, sleep and cardiovascular homeostasis. <i>Acta Physiologica</i> , 2015, 214, 8-32.	1.8	150
976	Circadian Insights into Motivated Behavior. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 27, 137-169.	0.8	30
977	Moderate Cortical Cooling Eliminates Thalamocortical Silent States during Slow Oscillation. <i>Journal of Neuroscience</i> , 2015, 35, 13006-13019.	1.7	24
978	Orexin and Sleep. , 2015, , .		2
979	Context Odor Presentation during Sleep Enhances Memory in Honeybees. <i>Current Biology</i> , 2015, 25, 2869-2874.	1.8	39
980	Differences in electroencephalographic findings among categories of narcolepsy-spectrum disorders. <i>Sleep Medicine</i> , 2015, 16, 999-1005.	0.8	10

#	ARTICLE	IF	CITATIONS
981	Validating Neuro-Computational Models of Neurological and Psychiatric Disorders. Springer Series in Computational Neuroscience, 2015, , .	0.3	7
982	Identification of Neurons with a Privileged Role in Sleep Homeostasis in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2015, 25, 2928-2938.	1.8	117
983	Magnetic Field Projector for Deep Brain Stimulation. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	1.2	3
984	Neurostimulation to improve level of consciousness in patients with epilepsy. <i>Neurosurgical Focus</i> , 2015, 38, E10.	1.0	41
985	Osamu Hayaishiâ€™from the discovery of oxygenases in soil microorganisms to unraveling the enigma of sleep in mammals. <i>Temperature</i> , 2015, 2, 303-307.	1.7	2
986	Effect of cataract surgery on regulation of circadian rhythms. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 1997-2009.	0.7	22
987	USING BIOSENSORS TO PROBE FUNDAMENTAL QUESTIONS OF SLEEP. , 2015, , 1-26.		0
988	The nonspecific thalamus: A place in a wedding bed for making memories last?. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 54, 175-196.	2.9	63
989	Cytotoxic chemotherapy increases sleep and sleep fragmentation in non-tumor-bearing mice. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 218-227.	2.0	20
990	Intermittent but not sustained hypoxia activates orexin-containing neurons in mice. <i>Respiratory Physiology and Neurobiology</i> , 2015, 206, 11-14.	0.7	14
991	Rhythmic control of activity and sleep by class B1 GPCRs. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015, 50, 18-30.	2.3	14
993	Small heterodimer partner/neuronal PAS domain protein 2 axis regulates the oscillation of liver lipid metabolism. <i>Hepatology</i> , 2015, 61, 497-505.	3.6	55
994	Hepatic Encephalopathy and Sleepiness: An Interesting Connection?. <i>Journal of Clinical and Experimental Hepatology</i> , 2015, 5, S49-S53.	0.4	12
997	Brain Orexin Receptors and Nicotine. , 2016, , 133-145.		0
998	Functions and Mechanisms of Sleep. <i>AIMS Neuroscience</i> , 2016, 3, 67-104.	1.0	153
999	Inhibition of Orexin Signaling Promotes Sleep Yet Preserves Salient Arousability in Monkeys. <i>Sleep</i> , 2016, 39, 603-612.	0.6	35
1000	Orexinergic System Dysregulation in Depression. <i>Journal of Psychiatry</i> , 2016, 20, .	0.1	4
1001	A Review of Sleep and Its Disorders in Patients with Parkinson's Disease in Relation to Various Brain Structures. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 114.	1.7	43

#	ARTICLE	IF	CITATIONS
1002	Diurnal Variations in Neural Activity of Healthy Human Brain Decoded with Resting-State Blood Oxygen Level Dependent fMRI. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 634.	1.0	36
1003	Sleep-Wake Regulation and Its Impact on Working Memory Performance: The Role of Adenosine. <i>Biology</i> , 2016, 5, 11.	1.3	33
1004	A Neurophysiological Approach for Evaluating Noise-Induced Sleep Disturbance: Calculating the Time Constant of the Dynamic Characteristics in the Brainstem. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 369.	1.2	4
1005	Proposal for Sustainable Dynamic Lighting in Sport Facilities to Decrease Violence among Spectators. <i>Sustainability</i> , 2016, 8, 1298.	1.6	13
1007	Magnetic Resonance Spectroscopy in Patients with Insomnia: A Repeated Measurement Study. <i>PLoS ONE</i> , 2016, 11, e0156771.	1.1	31
1008	Phosphorylation of Ca ^v 2 ₁ in the rat dorsal raphe nucleus plays an important role in sleep-wake regulation. <i>Journal of Neurochemistry</i> , 2016, 136, 609-619.	2.1	17
1009	Environmental factors and their interactions with risk genotypes in MS susceptibility. <i>Current Opinion in Neurology</i> , 2016, 29, 293-298.	1.8	33
1010	Effects of $\hat{3}$ -Aminobutyric Acid Type A Receptor Modulation by Flumazenil on Emergence from General Anesthesia. <i>Anesthesiology</i> , 2016, 125, 147-158.	1.3	37
1011	Associations Between Sleep Quality and Migraine Frequency. <i>Medicine (United States)</i> , 2016, 95, e3554.	0.4	68
1013	The influence of light on thermal responses. <i>Acta Physiologica</i> , 2016, 216, 163-185.	1.8	68
1014	Exponential state transition dynamics in the rest-activity architecture of patients with bipolar disorder. <i>Bipolar Disorders</i> , 2016, 18, 116-123.	1.1	4
1015	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. <i>Journal of Physiology</i> , 2016, 594, 6443-6462.	1.3	178
1016	Physostigmine and Methylphenidate Induce Distinct Arousal States During Isoflurane General Anesthesia in Rats. <i>Anesthesia and Analgesia</i> , 2016, 123, 1210-1219.	1.1	33
1017	Orexin and Central Modulation of Cardiovascular and Respiratory Function. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 33, 157-196.	0.8	37
1018	Ca ²⁺ in the dorsal raphe nucleus promotes wakefulness via endogenous sleep-wake regulating pathway in the rats. <i>Molecular Brain</i> , 2016, 9, 71.	1.3	11
1019	Driver fatigue detection system. , 2016, , .		14
1020	Dim light at night disturbs the daily sleep-wake cycle in the rat. <i>Scientific Reports</i> , 2016, 6, 35662.	1.6	94
1021	Orexin and Alzheimer's Disease. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 33, 305-322.	0.8	45

#	ARTICLE	IF	CITATIONS
1022	The Hypocretin/Orexin Neuronal Networks in Zebrafish. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 33, 75-92.	0.8	26
1023	Astrocyte-derived adenosine is central to the hypnogenic effect of glucose. <i>Scientific Reports</i> , 2016, 6, 19107.	1.6	30
1025	Tracking brain arousal fluctuations with fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4518-4523.	3.3	269
1026	Expression and actions of GnIH and its orthologs in vertebrates: Current status and advanced knowledge. <i>Neuropeptides</i> , 2016, 59, 9-20.	0.9	28
1027	Commentary on: Saper CB, Loewy AD, Swanson LW, Cowan WM. (1976) Direct hypothalamo-autonomic connections. <i>Brain Research</i> 117:305-312. <i>Brain Research</i> , 2016, 1645, 12-14.	1.1	9
1028	Sleep as spatiotemporal integration of biological processes that evolved to periodically reinforce neurodynamic and metabolic homeostasis: The 2m3d paradigm of sleep. <i>Journal of the Neurological Sciences</i> , 2016, 367, 63-80.	0.3	7
1029	Daily expression of genes coding for neurotransmitters in central and peripheral tissues of redheaded bunting: Implication for circadian regulation of physiology in songbirds. <i>Chronobiology International</i> , 2016, 33, 280-292.	0.9	7
1030	Pharmacologic Approaches to the Treatment of Obstructive Sleep Apnea. <i>Sleep Medicine Clinics</i> , 2016, 11, 203-212.	1.2	25
1031	Modeling the effect of sleep regulation on a neural mass model. <i>Journal of Computational Neuroscience</i> , 2016, 41, 15-28.	0.6	23
1032	Slow-wave sleep and molecular chaperones. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016, 52, 87-101.	0.2	8
1033	Slow waves, sharp waves, ripples, and REM in sleeping dragons. <i>Science</i> , 2016, 352, 590-595.	6.0	177
1034	Night Watch in One Brain Hemisphere during Sleep Associated with the First-Night Effect in Humans. <i>Current Biology</i> , 2016, 26, 1190-1194.	1.8	186
1035	Modulation of Total Sleep Time by Transcranial Direct Current Stimulation (tDCS). <i>Neuropsychopharmacology</i> , 2016, 41, 2577-2586.	2.8	76
1036	The Basal Forebrain and Motor Cortex Provide Convergent yet Distinct Movement-Related Inputs to the Auditory Cortex. <i>Neuron</i> , 2016, 90, 635-648.	3.8	159
1037	Changes in the composition of brain interstitial ions control the sleep-wake cycle. <i>Science</i> , 2016, 352, 550-555.	6.0	294
1038	Men with nonapnea sleep disorders have a high risk of developing subsequent epilepsy: A nationwide population-based cohort study. <i>Preventive Medicine</i> , 2016, 91, 211-216.	1.6	0
1039	The Molecular Basis of Insomnia: Implication for Therapeutic Approaches. <i>Drug Development Research</i> , 2016, 77, 427-436.	1.4	19
1040	Sleep duration and the cortisol awakening response in dementia caregivers utilizing adult day services. <i>Health Psychology</i> , 2016, 35, 465-473.	1.3	17

#	ARTICLE	IF	CITATIONS
1041	Chemogenetic Activation of Melanopsin Retinal Ganglion Cells Induces Signatures of Arousal and/or Anxiety in Mice. <i>Current Biology</i> , 2016, 26, 2358-2363.	1.8	60
1042	The bidirectional relation between emotional reactivity and sleep: From disruption to recovery.. <i>Behavioral Neuroscience</i> , 2016, 130, 336-350.	0.6	83
1043	Residual Daytime Sleepiness in Obstructive Sleep Apnea After Continuous Positive Airway Pressure Optimization. <i>Sleep Medicine Clinics</i> , 2016, 11, 353-363.	1.2	31
1044	Do Circadian Rhythms Draw the Patterns of Sustained Mental Vigor and Ailment?. <i>Drug Development Research</i> , 2016, 77, 469-473.	1.4	1
1045	Advanced Circadian Phase in Mania and Delayed Circadian Phase in Mixed Mania and Depression Returned to Normal after Treatment of Bipolar Disorder. <i>EBioMedicine</i> , 2016, 11, 285-295.	2.7	111
1046	Flipping the sleep switch. <i>Nature</i> , 2016, 536, 278-280.	13.7	2
1047	Disorders of Sleep and Cardiovascular Disease. , 2016, , 335-359.		0
1048	Comparative Review of Approved Melatonin Agonists for the Treatment of Circadian Rhythm Sleep-Wake Disorders. <i>Pharmacotherapy</i> , 2016, 36, 1028-1041.	1.2	72
1049	Nutrition in the spotlight: metabolic effects of environmental light. <i>Proceedings of the Nutrition Society</i> , 2016, 75, 451-463.	0.4	17
1050	Crosstalk between circadian clocks, sleep-wake cycles, and metabolic networks: Dispelling the darkness. <i>BioEssays</i> , 2016, 38, 394-405.	1.2	38
1051	Automated analysis of sleep control via a single neuron active at sleep onset in <i>C. elegans</i> . <i>Genesis</i> , 2016, 54, 212-219.	0.8	11
1052	On the relation between self-reported cognitive fatigue and the posterior hypothalamic-brainstem network. <i>European Journal of Neurology</i> , 2016, 23, 101-109.	1.7	13
1053	Mesopontine Switch for the Induction of General Anesthesia by Dedicated Neural Pathways. <i>Anesthesia and Analgesia</i> , 2016, 123, 1274-1285.	1.1	19
1054	Blockade of orexin receptors attenuates the cardiovascular response to air-jet stress in spontaneously hypertensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 201, 8-16.	1.4	10
1055	Elusive active site in focus. <i>Nature</i> , 2016, 536, 280-281.	13.7	4
1056	Adverse Effects of Psychotropic Medications on Sleep. <i>Sleep Medicine Clinics</i> , 2016, 11, 503-514.	1.2	22
1057	<i>Drosophila</i> DH31 Neuropeptide and PDF Receptor Regulate Night-Onset Temperature Preference. <i>Journal of Neuroscience</i> , 2016, 36, 11739-11754.	1.7	48
1058	Circadian time signatures of fitness and disease. <i>Science</i> , 2016, 354, 994-999.	6.0	472

#	ARTICLE	IF	CITATIONS
1059	Neuroendocrine and neurotrophic signaling in Huntington's disease: Implications for pathogenic mechanisms and treatment strategies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 444-454.	2.9	21
1060	Optimizing detection and analysis of slow waves in sleep EEG. <i>Journal of Neuroscience Methods</i> , 2016, 274, 1-12.	1.3	61
1061	Ma Vie en Noir. , 2016, , .		2
1062	Reduced spontaneous neuronal activity in the insular cortex and thalamus in healthy adults with insomnia symptoms. <i>Brain Research</i> , 2016, 1648, 317-324.	1.1	51
1063	Adverse Effects of Psychotropic Medications on Sleep. <i>Psychiatric Clinics of North America</i> , 2016, 39, 487-502.	0.7	39
1065	Modulations of Ventral Tegmental Area (VTA) Dopaminergic Neurons by Hypocretins/Orexins: Implications in Vigilance and Behavioral Control. , 2016, , 65-89.		2
1066	Orexin/Hypocretin and Organizing Principles for a Diversity of Wake-Promoting Neurons in the Brain. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 33, 51-74.	0.8	34
1067	Unraveling the Evolutionary Determinants of Sleep. <i>Current Biology</i> , 2016, 26, R1073-R1087.	1.8	155
1068	Synchronization of Heterogeneous Oscillators Under Network Modifications: Perturbation and Optimization of the Synchrony Alignment Function. <i>SIAM Journal on Applied Mathematics</i> , 2016, 76, 1984-2008.	0.8	23
1069	A human brain network derived from coma-causing brainstem lesions. <i>Neurology</i> , 2016, 87, 2427-2434.	1.5	187
1070	Tenuifolin, a saponin derived from <i>Radix Polygalae</i> , exhibits sleep-enhancing effects in mice. <i>Phytomedicine</i> , 2016, 23, 1797-1805.	2.3	49
1071	Forward-genetics analysis of sleep in randomly mutagenized mice. <i>Nature</i> , 2016, 539, 378-383.	13.7	266
1072	Orexin-A is Associated with Increases in Cerebrospinal Fluid Phosphorylated-Tau in Cognitively Normal Elderly Subjects. <i>Sleep</i> , 2016, 39, 1253-1260.	0.6	44
1073	The <i>Drosophila</i> Circadian Clock Gates Sleep through Time-of-Day Dependent Modulation of Sleep-Promoting Neurons. <i>Sleep</i> , 2016, 39, 345-356.	0.6	34
1074	Polygraphic Recording Procedure for Measuring Sleep in Mice. <i>Journal of Visualized Experiments</i> , 2016, , e53678.	0.2	31
1075	The Neurobiology of Anesthetic Emergence. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 250-255.	0.6	35
1076	TfAP-2 is required for night sleep in <i>Drosophila</i> . <i>BMC Neuroscience</i> , 2016, 17, 72.	0.8	17
1077	Circadian Melatonin and Temperature τ in Delayed Sleep-wake Phase Disorder and Non-24-hour Sleep-wake Rhythm Disorder Patients. <i>Journal of Biological Rhythms</i> , 2016, 31, 387-405.	1.4	50

#	ARTICLE	IF	CITATIONS
1078	The chronic syndromes after previous treatment of pituitary tumours. <i>Nature Reviews Endocrinology</i> , 2016, 12, 547-556.	4.3	21
1079	Lack of association between cluster headache and PER3 clock gene polymorphism. <i>Journal of Headache and Pain</i> , 2016, 17, 18.	2.5	31
1080	EEG ultradian rhythmicity differences in disorders of consciousness during wakefulness. <i>Journal of Neurology</i> , 2016, 263, 1746-1760.	1.8	85
1081	Spontaneous pupil dilations during the resting state are associated with activation of the salience network. <i>NeuroImage</i> , 2016, 139, 189-201.	2.1	103
1082	Possible Involvement of Nitric Oxide Modulatory Mechanisms in the Neuroprotective Effect of <i>Centella asiatica</i> Against Sleep Deprivation Induced Anxiety Like Behaviour, Oxidative Damage and Neuroinflammation. <i>Phytotherapy Research</i> , 2016, 30, 671-680.	2.8	20
1083	The subtle body: an interoceptive map of central nervous system function and meditative mind-brain-body integration. <i>Annals of the New York Academy of Sciences</i> , 2016, 1373, 78-95.	1.8	15
1084	Sleep in the Intensive Care Unit. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 14-23.	1.3	104
1085	Modeling sleep alterations in Parkinson's disease: How close are we to valid translational animal models?. <i>Sleep Medicine Reviews</i> , 2016, 25, 95-111.	3.8	27
1086	Sensitivity to Chronic Methamphetamine Administration and Withdrawal in Mice with Relaxin-3/RXFP3 Deficiency. <i>Neurochemical Research</i> , 2016, 41, 481-491.	1.6	9
1087	Sleep-related epileptic behaviors and non-REM-related parasomnias: Insights from stereo-EEG. <i>Sleep Medicine Reviews</i> , 2016, 25, 4-20.	3.8	103
1088	Factors influencing the duration of generalized tonic-clonic seizure. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 34, 44-47.	0.9	9
1089	Autonomic dysfunction in primary sleep disorders. <i>Sleep Medicine</i> , 2016, 19, 40-49.	0.8	79
1090	Sleep Bruxism in Respiratory Medicine Practice. <i>Chest</i> , 2016, 149, 262-271.	0.4	79
1091	Sleep and Dreaming. , 2016, , 107-128.		10
1092	Consciousness and Anesthesia. , 2016, , 139-152.		1
1093	Rapid eye movement sleep disruption and sleep fragmentation are associated with increased orexin-A cerebrospinal-fluid levels in mild cognitive impairment due to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 40, 120-126.	1.5	96
1094	The behavioural profile of gamma-hydroxybutyrate, gamma-butyrolactone and 1,4-butanediol in humans. <i>Brain Research Bulletin</i> , 2016, 126, 47-60.	1.4	21
1095	Desipramine Increases Genioglossus Activity and Reduces Upper Airway Collapsibility during Non-REM Sleep in Healthy Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 878-885.	2.5	74

#	ARTICLE	IF	CITATIONS
1096	Temperament and arousal systems: A new synthesis of differential psychology and functional neurochemistry. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 382-402.	2.9	94
1097	The suprachiasmatic nucleus: age-related decline in biological rhythms. <i>Journal of Physiological Sciences</i> , 2016, 66, 367-374.	0.9	61
1098	Association Between Social and Physical Activities and Insomnia Symptoms Among Community-Dwelling Older Adults. <i>Journal of Aging and Health</i> , 2016, 28, 1073-1089.	0.9	27
1099	Circadian Rhythms, Sleep, and Disorders of Aging. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 192-203.	3.1	247
1100	Altered energy intake and the amplitude of the body temperature rhythm are associated with changes in phase, but not amplitude, of clock gene expression in the rat suprachiasmatic nucleus <i>in vivo</i> . <i>Chronobiology International</i> , 2016, 33, 85-97.	0.9	11
1101	Call it Worm Sleep. <i>Trends in Neurosciences</i> , 2016, 39, 54-62.	4.2	100
1102	Sleep as a biological problem: an overview of frontiers in sleep research. <i>Journal of Physiological Sciences</i> , 2016, 66, 1-13.	0.9	28
1103	Molecular regulation of hypothalamic development and physiological functions. <i>Molecular Neurobiology</i> , 2016, 53, 4275-4285.	1.9	19
1104	The effect of histamine on changes in mental energy and fatigue after a single bout of exercise. <i>Physiology and Behavior</i> , 2016, 153, 7-18.	1.0	30
1105	Neuroanatomical Basis of Consciousness. , 2016, , 3-29.		15
1106	Sleep function: Toward elucidating an enigma. <i>Sleep Medicine Reviews</i> , 2016, 28, 46-54.	3.8	280
1107	Assessing the efficacy of melatonin to curtail benzodiazepine/Z drug abuse. <i>Pharmacological Research</i> , 2016, 109, 12-23.	3.1	29
1108	Nitrous oxide-induced slow and delta oscillations. <i>Clinical Neurophysiology</i> , 2016, 127, 556-564.	0.7	53
1109	Modelling changes in sleep timing and duration across the lifespan: Changes in circadian rhythmicity or sleep homeostasis?. <i>Sleep Medicine Reviews</i> , 2016, 28, 96-107.	3.8	120
1110	Sleepwalking episodes are preceded by arousal-related activation in the cingulate motor area: EEG current density imaging. <i>Clinical Neurophysiology</i> , 2016, 127, 530-536.	0.7	48
1111	Control of Breathing and Upper Airways During Sleep. , 2016, , 1511-1526.e1.		4
1112	Top-down control of arousal and sleep: Fundamentals and clinical implications. <i>Sleep Medicine Reviews</i> , 2017, 31, 17-24.	3.8	55
1113	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017, 31, 102-111.	3.8	149

#	ARTICLE	IF	CITATIONS
1114	Coffee, caffeine, and sleep: A systematic review of epidemiological studies and randomized controlled trials. <i>Sleep Medicine Reviews</i> , 2017, 31, 70-78.	3.8	277
1115	Sleep Deprivation Impairs and Caffeine Enhances My Performance, but Not Always Our Performance. <i>Personality and Social Psychology Review</i> , 2017, 21, 3-28.	3.4	30
1116	Sleep Period Time Estimation Based on Electrodermal Activity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 115-122.	3.9	16
1117	Sleep, sleep deprivation, autonomic nervous system and cardiovascular diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 321-329.	2.9	406
1118	Sleep Regulation, Physiology and Development, Sleep Duration and Patterns, and Sleep Hygiene in Infants, Toddlers, and Preschool-Age Children. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2017, 47, 29-42.	0.8	221
1119	Selective neuronal vulnerability in Parkinson disease. <i>Nature Reviews Neuroscience</i> , 2017, 18, 101-113.	4.9	711
1120	Underutilization of the MSLT in sleepy patients with a short onset REM period (SOREMP) in the sleep clinic. <i>Sleep Medicine</i> , 2017, 32, 150-156.	0.8	2
1121	Cooccurrence and bidirectional prediction of sleep disturbances and depression in older adults: Meta-analysis and systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 257-273.	2.9	169
1122	Retinal Architecture and Melanopsin-Mediated Pupillary Response Characteristics. <i>JAMA Neurology</i> , 2017, 74, 574.	4.5	27
1123	Computational cognitive modeling of the temporal dynamics of fatigue from sleep loss. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1785-1807.	1.4	24
1124	Injections of the of the α_1 -adrenoceptor antagonist prazosin into the median raphe nucleus increase food intake and Fos expression in orexin neurons of free-feeding rats. <i>Behavioural Brain Research</i> , 2017, 324, 87-95.	1.2	9
1125	Neuropeptide S reduces propofol- or ketamine-induced slow wave states through activation of cognate receptors in the rat. <i>Neuropeptides</i> , 2017, 63, 59-66.	0.9	7
1126	Sleep Phenotypes in Zebrafish. , 2017, , 221-239.		0
1127	Molecular networks related to the immune system and mitochondria are targets for the pesticide dieldrin in the zebrafish (<i>Danio rerio</i>) central nervous system. <i>Journal of Proteomics</i> , 2017, 157, 71-82.	1.2	43
1128	Orexin-driven GAD65 network of the lateral hypothalamus sets physical activity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4525-4530.	3.3	73
1129	Orexin Impairs the Phagocytosis and Degradation of Amyloid- β^2 Fibrils by Microglial Cells. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 253-261.	1.2	36
1130	Lateral hypothalamic circuits for sleep-wake control. <i>Current Opinion in Neurobiology</i> , 2017, 44, 94-100.	2.0	56
1131	Visually Evoked β 5 Hz Membrane Potential Oscillations Reduce the Responsiveness of Visual Cortex Neurons in Awake Behaving Mice. <i>Journal of Neuroscience</i> , 2017, 37, 5084-5098.	1.7	54

#	ARTICLE	IF	CITATIONS
1132	A single night light exposure acutely alters hormonal and metabolic responses in healthy participants. <i>Endocrine Connections</i> , 2017, 6, 100-110.	0.8	34
1133	Basic Circadian Timing and Sleep-Wake Regulation. , 2017, , 79-102.		2
1134	Neurobiology of NREM Sleep and Thermoregulation in Sleep. , 2017, , 119-126.		1
1135	Inhibition of expression of the circadian clock gene <i>Period</i> causes metabolic abnormalities including repression of glycometabolism in <i>Bombyx mori</i> cells. <i>Scientific Reports</i> , 2017, 7, 46258.	1.6	13
1136	The dual orexin receptor antagonist, DORA-22, lowers histamine levels in the lateral hypothalamus and prefrontal cortex without lowering hippocampal acetylcholine. <i>Journal of Neurochemistry</i> , 2017, 142, 204-214.	2.1	7
1137	Current and novel insights into the neurophysiology of migraine and its implications for therapeutics. , 2017, 172, 151-170.		54
1138	Lack of sleep and the development of leader-follower relationships over time. <i>Organizational Behavior and Human Decision Processes</i> , 2017, 141, 57-73.	1.4	35
1139	Sleep, Breathing, and Neurologic Disorders. , 2017, , 787-890.		6
1140	The Hypothalamus. , 2017, , 291-327.		5
1141	Extended Abstracts Spring 2016. <i>Trends in Mathematics</i> , 2017, , .	0.1	2
1142	Impact of the Metabolic Syndrome on Mortality is Modified by Objective Short Sleep Duration. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	40
1143	The interfaces between vitamin D, sleep and pain. <i>Journal of Endocrinology</i> , 2017, 234, R23-R36.	1.2	68
1144	Activation of MMPs in Macrophages by <i>Mycobacterium tuberculosis</i> via the miR-223/BMAL1 Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4804-4812.	1.2	20
1145	Seasonal and time-of-day variations in acute non-image forming effects of illuminance level on performance, physiology, and subjective well-being. <i>Chronobiology International</i> , 2017, 34, 827-844.	0.9	45
1146	Wake-sleep circuitry: an overview. <i>Current Opinion in Neurobiology</i> , 2017, 44, 186-192.	2.0	299
1148	One-Dimensional Map for the Circadian Modulation of Sleep in a Sleep-Wake Regulatory Network Model for Human Sleep. <i>SIAM Journal on Applied Dynamical Systems</i> , 2017, 16, 1089-1112.	0.7	24
1149	Neurobiological Basis of Hypersomnia. <i>Sleep Medicine Clinics</i> , 2017, 12, 265-277.	1.2	5
1150	Barrington's nucleus: Neuroanatomic landscape of the mouse α -opontine micturition center. <i>Journal of Comparative Neurology</i> , 2017, 525, 2287-2309.	0.9	57

#	ARTICLE	IF	CITATIONS
1151	Circadian Disruption Associated with Alzheimer's Disease. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 29.	2.0	38
1152	The effects of self-selected light-dark cycles and social constraints on human sleep and circadian timing: a modeling approach. <i>Scientific Reports</i> , 2017, 7, 45158.	1.6	117
1154	Sleep/wake movement velocities, trajectories and micro-arousals during maturation in rats. <i>BMC Neuroscience</i> , 2017, 18, 24.	0.8	4
1155	Circadian behavior of adult mice exposed to stress and fluoxetine during development. <i>Psychopharmacology</i> , 2017, 234, 793-804.	1.5	17
1156	Wake-sleep and cardiovascular regulatory changes in rats made obese by a high-fat diet. <i>Behavioural Brain Research</i> , 2017, 320, 347-355.	1.2	6
1157	A mechanism for sickness sleep: lessons from invertebrates. <i>Journal of Physiology</i> , 2017, 595, 5415-5424.	1.3	21
1158	Anaesthetic management of sleep-disordered breathing in adults. <i>Respirology</i> , 2017, 22, 230-239.	1.3	25
1159	Effects of smartphone use with and without blue light at night in healthy adults: A randomized, double-blind, cross-over, placebo-controlled comparison. <i>Journal of Psychiatric Research</i> , 2017, 87, 61-70.	1.5	122
1160	Circadian Sleep-Wake Activity Patterns During Aging. <i>Healthy Ageing and Longevity</i> , 2017, , 305-321.	0.2	1
1161	Sleep complications following traumatic brain injury. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 493-499.	1.2	20
1162	Introduction to the Topic. , 2017, , 3-4.		0
1163	Effect of visible light on biological objects: Physiological and pathophysiological aspects. <i>Physics of Wave Phenomena</i> , 2017, 25, 207-213.	0.3	41
1164	GABAergic ventrolateral pre-optic nucleus neurons are involved in the mediation of the anesthetic hypnosis induced by propofol. <i>Molecular Medicine Reports</i> , 2017, 16, 3179-3186.	1.1	9
1165	Sedation of Patients With Disorders of Consciousness During Neuroimaging: Effects on Resting State Functional Brain Connectivity. <i>Anesthesia and Analgesia</i> , 2017, 124, 588-598.	1.1	41
1166	European guideline for the diagnosis and treatment of insomnia. <i>Journal of Sleep Research</i> , 2017, 26, 675-700.	1.7	1,334
1167	Hypothalamic Tubero-mammillary Nucleus Neurons: Electrophysiological Diversity and Essential Role in Arousal Stability. <i>Journal of Neuroscience</i> , 2017, 37, 9574-9592.	1.7	62
1168	Sleep in older adults and in subjects with dementia. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2017, 50, 603-608.	0.8	14
1169	Sleep, sport, and the brain. <i>Progress in Brain Research</i> , 2017, 234, 13-31.	0.9	42

#	ARTICLE	IF	CITATIONS
1170	Cognitive brain responses during circadian wake-promotion: evidence for sleep-pressure-dependent hypothalamic activations. <i>Scientific Reports</i> , 2017, 7, 5620.	1.6	19
1171	Increased interhemispheric resting-state functional connectivity in healthy participants with insomnia symptoms. <i>Medicine (United States)</i> , 2017, 96, e7037.	0.4	43
1172	Impaired Sleep. <i>Nursing Clinics of North America</i> , 2017, 52, 387-404.	0.7	14
1173	Calcium, mitochondrial dysfunction and slowing the progression of Parkinson's disease. <i>Experimental Neurology</i> , 2017, 298, 202-209.	2.0	73
1175	Rest-activity circadian rhythms and bone mineral density in elderly men. <i>Bone Reports</i> , 2017, 7, 156-163.	0.2	9
1176	The Significance of Sleep Deprivation in the Development of Local Epilepsy from the Point of View of Neuroplasticity. <i>Neuroscience and Behavioral Physiology</i> , 2017, 47, 1102-1108.	0.2	2
1177	Adenosine and Sleep. <i>Handbook of Experimental Pharmacology</i> , 2017, 253, 359-381.	0.9	54
1178	Neural mechanism for hypothalamic-mediated autonomic responses to light during migraine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5683-E5692.	3.3	55
1179	Sleep promoting potential of low dose $\hat{\pm}$ -Asarone in rat model. <i>Neuropharmacology</i> , 2017, 125, 13-29.	2.0	13
1180	Clinical Sleepâ€“Wake Disorders II: Focus on Insomnia and Circadian Rhythm Sleep Disorders. <i>Handbook of Experimental Pharmacology</i> , 2017, 253, 261-276.	0.9	12
1181	Changes in Sleep Duration, Quality, and Medication Use Are Prospectively Associated With Health and Well-being: Analysis of the UK Household Longitudinal Study. <i>Sleep</i> , 2017, 40, .	0.6	43
1182	Circadian neurons in the lateral habenula: Clocking motivated behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 162, 55-61.	1.3	36
1183	Convergence of Sex Differences and the Neuroimmune System in Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, 402-410.	0.7	131
1184	The Discovery of Suvorexant, the First Orexin Receptor Drug for Insomnia. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 509-533.	4.2	97
1185	<sc>A</sc>Iterations of the circadian system in <sc>P</sc>arkinson's disease patients. <i>Movement Disorders</i> , 2017, 32, 682-692.	2.2	46
1186	Sleepâ€“wake patterns, non-rapid eye movement, and rapid eye movement sleep cycles in teenage narcolepsy. <i>Sleep Medicine</i> , 2017, 33, 47-56.	0.8	3
1187	Melatonin and the pathologies of weakened or dysregulated circadian oscillators. <i>Journal of Pineal Research</i> , 2017, 62, e12377.	3.4	78
1188	Neuropsychiatric symptoms of cholinergic deficiency occur with degradation of the projections from the nucleus basalis of Meynert. <i>Brain Imaging and Behavior</i> , 2017, 11, 1707-1719.	1.1	11

#	ARTICLE	IF	CITATIONS
1189	Multiparametric characterization of neuronal subpopulations in the ventrolateral preoptic nucleus. <i>Brain Structure and Function</i> , 2017, 222, 1153-1167.	1.2	5
1190	Sleep in Alzheimer's Disease—Beyond Amyloid. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 2, 4-14.	1.4	126
1191	Sleep-Dependent Structural Synaptic Plasticity of Inhibitory Synapses in the Dendrites of Hypocretin/Orexin Neurons. <i>Molecular Neurobiology</i> , 2017, 54, 6581-6597.	1.9	18
1192	Aberrant Axonal Arborization of PDF Neurons Induced by A β 242-Mediated JNK Activation Underlies Sleep Disturbance in an Alzheimer's Model. <i>Molecular Neurobiology</i> , 2017, 54, 6317-6328.	1.9	19
1193	The effects of long-term estradiol treatment on social behavior and gene expression in adult female rats. <i>Hormones and Behavior</i> , 2017, 87, 145-154.	1.0	27
1194	Regional gray matter changes in shift workers: a voxel-based morphometry study. <i>Sleep Medicine</i> , 2017, 30, 185-188.	0.8	8
1195	Sleep deprivation therapy: A rapid-acting antidepressant. , 2017, , 295-311.		0
1196	Interactions between psychosocial stress and the circadian endogenous clock. <i>PsyCh Journal</i> , 2017, 6, 277-289.	0.5	23
1197	Potential for intermittent stimulation of nucleus basalis of Meynert to impact treatment of alzheimer's disease. <i>Communicative and Integrative Biology</i> , 2017, 10, e1389359.	0.6	12
1198	Sleepless Night and Day, the Plight of Progressive Supranuclear Palsy. <i>Sleep</i> , 2017, 40, .	0.6	35
1199	Dysregulation of Sleep Behavioral States in Narcolepsy. <i>Sleep</i> , 2017, 40, .	0.6	22
1200	Sleep management in a critically ill patient. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2017, 24, 389-397.	0.0	2
1201	0934 EVALUATING THE EFFECTS OF GENERAL ANESTHESIA ON SLEEP IN CHILDREN UNDERGOING ELECTIVE SURGERY. <i>Sleep</i> , 2017, 40, A347-A347.	0.6	0
1202	29 MÃ¼digkeit und Schlaf-Wach-StÃ¶rungen. , 2017, , .		0
1203	Exercise Influence on Hippocampal Function: Possible Involvement of Orexin-A. <i>Frontiers in Physiology</i> , 2017, 8, 85.	1.3	73
1204	REM Sleep and Endothermy: Potential Sites and Mechanism of a Reciprocal Interference. <i>Frontiers in Physiology</i> , 2017, 8, 624.	1.3	23
1205	Sleep and Headache. , 2017, , 201-225.		3
1206	Anatomy and Physiology of the Circadian System. , 2017, , 29-53.		6

#	ARTICLE	IF	CITATIONS
1207	Thermal-Signature-Based Sleep Analysis Sensor. <i>Informatics</i> , 2017, 4, 37.	2.4	7
1208	Determinants of prognosis in neurocatastrophes. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2017, 140, 379-395.	1.0	2
1209	Hypocretin (Orexin) in Models of Cocaine Addiction. , 2017, , 235-245.		2
1210	Anatomy and Physiology of Normal Sleep. , 2017, , 1-28.		5
1211	Entropy Information of Cardiorespiratory Dynamics in Neonates during Sleep. <i>Entropy</i> , 2017, 19, 225.	1.1	23
1212	Genetic and neuronal regulation of sleep by neuropeptide VF. <i>ELife</i> , 2017, 6, .	2.8	49
1213	The Brainstem in Emotion: A Review. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 15.	0.9	141
1214	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 98.	0.9	26
1215	Basal Forebrain Cholinergic System and Orexin Neurons: Effects on Attention. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 10.	1.0	70
1216	Astrocyte-Dependent Slow Inward Currents (SICs) Participate in Neuromodulatory Mechanisms in the Pedunculopontine Nucleus (PPN). <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 16.	1.8	15
1217	Neuroprotective Effects of Physical Activity: Evidence from Human and Animal Studies. <i>Frontiers in Neurology</i> , 2017, 8, 188.	1.1	93
1218	The Melanin-Concentrating Hormone as an Integrative Peptide Driving Motivated Behaviors. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 32.	1.2	90
1219	Brainstem Influence on Thalamocortical Oscillations during Anesthesia Emergence. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 66.	1.2	12
1220	Sleep Deprivation: Neurobehavioral Changes \hat{a} t. , 2017, , .		0
1221	Risk Balancing of Cold Ischemic Time against Night Shift Surgery Possibly Reduces Rates of Reoperation and Perioperative Graft Loss. <i>Journal of Transplantation</i> , 2017, 2017, 1-16.	0.3	7
1222	Clinical Pharmacology of Other Drugs Used as Hypnotics. , 2017, , 432-445.e7.		11
1223	The Mutual Interaction Between Sleep and Epilepsy on the Neurobiological Basis and Therapy. <i>Current Neuropharmacology</i> , 2017, 16, 5-16.	1.4	31
1224	Predictability of arousal in mouse slow wave sleep by accelerometer data. <i>PLoS ONE</i> , 2017, 12, e0176761.	1.1	18

#	ARTICLE	IF	CITATIONS
1225	Absence of EEG correlates of self-referential processing depth in ALS. PLoS ONE, 2017, 12, e0180136.	1.1	10
1226	Circadian Rhythms in Older Adults. , 2017, , 1510-1515.e4.		5
1227	Sleepiness and How it Affects Consumer Variety Seeking. SSRN Electronic Journal, 0, , .	0.4	1
1228	Pharmacologic Treatment of Insomnia. , 2017, , 842-854.e5.		1
1229	Food Intake and Its Control by Signaling Molecules. , 2017, , 175-209.		1
1230	NREM-REM Sleep Regulationâ†. , 2017, , .		0
1231	Daytime Sleepiness and Alertness. , 2017, , 39-48.e4.		12
1232	The Evolution of Mammalian Sleep. , 2017, , 137-151.		0
1233	Drugs that Disturb Sleep and Wakefulness. , 2017, , 480-498.e8.		26
1234	Hypersomnia: Etiologies â†. , 2017, , .		0
1235	Respiratory Physiology. , 2017, , 155-166.e5.		4
1236	Sleep Homeostasis and Models of Sleep Regulation. , 2017, , 377-387.e6.		46
1237	Perceived fatigue and energy are independent unipolar states: Supporting evidence. Medical Hypotheses, 2018, 113, 46-51.	0.8	57
1238	Co-activation patterns in resting-state fMRI signals. NeuroImage, 2018, 180, 485-494.	2.1	141
1239	Sleep homeostasis and the circadian clock: Do the circadian pacemaker and the sleep homeostat influence each otherâ€™s functioning?. Neurobiology of Sleep and Circadian Rhythms, 2018, 5, 68-77.	1.4	148
1240	Serotonergic dysregulation is linked to sleep problems in Parkinson's disease. NeuroImage: Clinical, 2018, 18, 630-637.	1.4	52
1241	The â€™morning dipâ€™ in antimicrobial appropriateness: circumstances determining appropriateness of antimicrobial prescribing. Journal of Antimicrobial Chemotherapy, 2018, 73, 1714-1720.	1.3	8
1242	Heterogeneity in the circadian and homeostatic modulation of multiunit activity in the lateral hypothalamus. Sleep, 2018, 41, .	0.6	4

#	ARTICLE	IF	CITATIONS
1243	PACAP in hypothalamic regulation of sleep and circadian rhythm: importance for headache. <i>Journal of Headache and Pain</i> , 2018, 19, 20.	2.5	45
1244	How can mindfulness be promoted? Workload and recovery experiences as antecedents of daily fluctuations in mindfulness. <i>Journal of Occupational and Organizational Psychology</i> , 2018, 91, 261-284.	2.6	45
1245	Neuronal noise as an origin of sleep arousals and its role in sudden infant death syndrome. <i>Science Advances</i> , 2018, 4, eaar6277.	4.7	34
1246	Desynchronization of slow oscillations in the basal ganglia during natural sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4274-E4283.	3.3	38
1247	Sleep-Active Neurons: Conserved Motors of Sleep. <i>Genetics</i> , 2018, 208, 1279-1289.	1.2	46
1248	Sleep State Dependence of Optogenetically evoked Responses in Neuronal Nitric Oxide Synthase-positive Cells of the Cerebral Cortex. <i>Neuroscience</i> , 2018, 379, 189-201.	1.1	12
1249	The neurobiological basis of sleep: Insights from <i>Drosophila</i> . <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 87, 67-86.	2.9	74
1250	Sleep in the ICU. , 2018, , 185-196.		1
1251	Subcortical evidence for a contribution of arousal to fMRI studies of brain activity. <i>Nature Communications</i> , 2018, 9, 395.	5.8	174
1252	Delirium pathophysiology: An updated hypothesis of the etiology of acute brain failure. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 1428-1457.	1.3	340
1253	Circadian variations in the clinical presentation of headaches among migraineurs: A study using a smartphone headache diary. <i>Chronobiology International</i> , 2018, 35, 546-554.	0.9	15
1254	New perspectives on the role of melatonin in human sleep, circadian rhythms and their regulation. <i>British Journal of Pharmacology</i> , 2018, 175, 3190-3199.	2.7	458
1255	Haploinsufficiency of hnRNP U Changes Activity Pattern and Metabolic Rhythms. <i>American Journal of Pathology</i> , 2018, 188, 173-183.	1.9	4
1256	Circadian dysfunction and fluctuations in gait initiation impairment in Parkinson's disease. <i>Experimental Brain Research</i> , 2018, 236, 655-664.	0.7	17
1257	Cortical and Subcortical Brain Changes in Children and Adolescents With Narcolepsy Type 1. <i>Sleep</i> , 2018, 41, .	0.6	14
1258	Sleep disorders in children with brain tumors: a pilot study based on a sleep disorder questionnaire. <i>Child's Nervous System</i> , 2018, 34, 1535-1540.	0.6	5
1259	Circle maps with gaps: Understanding the dynamics of the two-process model for sleep-wake regulation. <i>European Journal of Applied Mathematics</i> , 2018, 29, 845-868.	1.4	16
1260	Addressing variability in the acoustic startle reflex for accurate gap detection assessment. <i>Hearing Research</i> , 2018, 363, 119-135.	0.9	22

#	ARTICLE	IF	CITATIONS
1261	Effect of gabapentin on sleep and delta and theta EEG power in adult rats exposed to chronic intermittent ethanol vapor and protracted withdrawal during adolescence. <i>Psychopharmacology</i> , 2018, 235, 1783-1791.	1.5	22
1262	With a Boom in Drug Testing, Cost Gives Pause. <i>Topics in Pain Management</i> , 2018, 33, 8-8.	0.1	0
1263	Interindividual variability in neurobehavioral response to sleep loss: A comprehensive review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 89, 29-48.	2.9	68
1264	The Role of Sleep in Pain Management. <i>Topics in Pain Management</i> , 2018, 33, 1-7.	0.1	1
1265	Which Does What: A Review of Federal and State Responsibilities and Legal Issues Regarding the Opioid Crisis. <i>Topics in Pain Management</i> , 2018, 33, 9-10.	0.1	0
1267	Racing the clock: The role of circadian rhythmicity in addiction across the lifespan. , 2018, 188, 124-139.		32
1268	Glia Modulate a Neuronal Circuit for Locomotion Suppression during Sleep in <i>C.Âlegans</i> . <i>Cell Reports</i> , 2018, 22, 2575-2583.	2.9	45
1269	Pleasure: The missing link in the regulation of sleep. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 88, 141-154.	2.9	6
1270	Baseline Sleep Efficiency and Arousal Index Do Not Predict Who Will Benefit From Sedatives in Improving Positive Airway Pressure Adherence in Sleep Apnea to 90%. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 285-289.	0.9	1
1271	Diurnal rhythms in peripheral blood immune cell numbers of domestic pigs. <i>Developmental and Comparative Immunology</i> , 2018, 79, 11-20.	1.0	19
1272	Pedunculopontine nucleus deep brain stimulation in Parkinson's disease: A clinical review. <i>Movement Disorders</i> , 2018, 33, 10-20.	2.2	166
1273	Sleep in Insects. <i>Annual Review of Entomology</i> , 2018, 63, 69-86.	5.7	68
1274	Acute alerting effects of light: A systematic literature review. <i>Behavioural Brain Research</i> , 2018, 337, 228-239.	1.2	196
1275	High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep. <i>NeuroImage</i> , 2018, 169, 57-68.	2.1	44
1276	The person-specific interplay of melatonin, affect, and fatigue in the context of sleep and depression. <i>Personality and Individual Differences</i> , 2018, 123, 163-170.	1.6	14
1277	Cells have sex chromosomes and circadian clocks: Implications for organismal level functions. <i>Physiology and Behavior</i> , 2018, 187, 6-12.	1.0	4
1278	Mutual influence of sleep and circadian clocks on physiology and cognition. <i>Free Radical Biology and Medicine</i> , 2018, 119, 8-16.	1.3	24
1279	Hypothalamic relapse of a cardiac large B-cell lymphoma presenting with memory loss, confabulation, alexiaâ€“agraphia, apathy, hypersomnia, appetite disturbances and diabetes insipidus. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2016-217700.	0.2	4

#	ARTICLE	IF	CITATIONS
1280	Features of Circadian Rhythms in Patients with Cerebrovascular Diseases. , 2018, , .		5
1283	Sleep Counteracts Aging Phenotypes to Survive Starvation-Induced Developmental Arrest in <i>C.Âlegans</i> . Current Biology, 2018, 28, 3610-3624.e8.	1.8	44
1284	Body temperature and sleep. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 156, 341-351.	1.0	52
1285	Inflammatory Signaling in Post-Stroke Fatigue and Depression. European Neurology, 2018, 80, 138-148.	0.6	54
1286	Sleep Disorders are a Prevalent and Serious Comorbidity in Dry Eye. , 2018, 59, DES143.		38
1289	Concept. , 0, , 6-27.		0
1290	Giant Cells in the Medullary Reticular Formation. , 0, , 28-38.		0
1291	Pons. , 0, , 39-48.		0
1292	Midbrain. , 0, , 49-57.		0
1293	Hypothalamus: Low Road. , 0, , 58-67.		0
1294	Thalamus: High Road. , 0, , 68-79.		0
1295	High Arousal. , 0, , 80-93.		0
1296	Phase Transitions from Low GA States. , 0, , 94-106.		0
1297	Roots of Consciousness and Its Disorders. , 0, , 107-114.		0
1298	A Vertically Integrated System. , 0, , 115-122.		0
1301	Half-Life. , 2018, , 1635-1635.		0
1302	Orexin 2 receptor stimulation enhances resilience, while orexin 2 inhibition promotes susceptibility, to social stress, anxiety and depression. Neuropharmacology, 2018, 143, 79-94.	2.0	47
1303	The effect of Neuroligin-2 absence on sleep architecture and electroencephalographic activity in mice. Molecular Brain, 2018, 11, 52.	1.3	14

#	ARTICLE	IF	CITATIONS
1304	Sleep-Wake Cycling and Energy Conservation: Role of Hypocretin and the Lateral Hypothalamus in Dynamic State-Dependent Resource Optimization. <i>Frontiers in Neurology</i> , 2018, 9, 790.	1.1	24
1305	Circadian rhythm and epilepsy. <i>Lancet Neurology</i> , The, 2018, 17, 1098-1108.	4.9	93
1306	Multimodal General Anesthesia: Theory and Practice. <i>Anesthesia and Analgesia</i> , 2018, 127, 1246-1258.	1.1	286
1307	Effects of circadian misalignment on sleep in mice. <i>Scientific Reports</i> , 2018, 8, 15343.	1.6	15
1308	Cerebrospinal Fluid Orexin Levels and Nocturnal Sleep Disruption in Alzheimer's Disease Patients Showing Neuropsychiatric Symptoms. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 993-999.	1.2	22
1309	Melatonin Effects on EEG Activity During Sleep Onset in Mild-to-Moderate Alzheimer's Disease: A Pilot Study. <i>Journal of Alzheimer's Disease Reports</i> , 2018, 2, 55-65.	1.2	18
1310	Clinical Sleep-Wake Disorders I: Focus on Hypersomnias and Movement Disorders During Sleep. <i>Handbook of Experimental Pharmacology</i> , 2018, 253, 245-259.	0.9	1
1311	How a Good Sleep Predicts Life Satisfaction: The Role of Zero-Sum Beliefs About Happiness. <i>Frontiers in Psychology</i> , 2018, 9, 1589.	1.1	41
1312	Leak potassium channels regulate sleep duration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9459-E9468.	3.3	39
1313	Insulin-like growth factor-1 acts as a zeitgeber on hypothalamic circadian clock gene expression via glycogen synthase kinase-3 β signaling. <i>Journal of Biological Chemistry</i> , 2018, 293, 17278-17290.	1.6	24
1314	The Locus Coeruleus Modulates Intravenous General Anesthesia of Zebrafish via a Cooperative Mechanism. <i>Cell Reports</i> , 2018, 24, 3146-3155.e3.	2.9	34
1315	The intertwined roles of circadian rhythms and neuronal metabolism fueling drug reward and addiction. <i>Current Opinion in Physiology</i> , 2018, 5, 80-89.	0.9	13
1316	SleepGuard. , 2018, 2, 1-34.		40
1317	The role of vitamin D in obstructive sleep apnoea syndrome. <i>Breathe</i> , 2018, 14, 206-215.	0.6	37
1318	A Novel Insight of Effects of a 3-Hz Binaural Beat on Sleep Stages During Sleep. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 387.	1.0	25
1319	Making sleep easier: pharmacological interventions for insomnia. <i>Expert Opinion on Pharmacotherapy</i> , 2018, 19, 1465-1473.	0.9	42
1320	How does sleep restriction therapy for insomnia work? A systematic review of mechanistic evidence and the introduction of the Triple-R model. <i>Sleep Medicine Reviews</i> , 2018, 42, 127-138.	3.8	51
1321	Autonomic regulation during sleep and wakefulness: a review with implications for defining the pathophysiology of neurological disorders. <i>Clinical Autonomic Research</i> , 2018, 28, 509-518.	1.4	54

#	ARTICLE	IF	CITATIONS
1322	Connectivity of sleep- and wake-promoting regions of the human hypothalamus observed during resting wakefulness. <i>Sleep</i> , 2018, 41, .	0.6	33
1323	Sleep in Infants and Children with Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1390-1405.	1.4	22
1324	Effect of Songyu Anshen Fang on expression of hypothalamic GABA and GABA(B) receptor proteins in insomniac rats induced by para-chlorophenylalanine. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 17.	0.2	3
1325	The neurobiology of adaptation to seasons: Relevance and correlations in bipolar disorders. <i>Chronobiology International</i> , 2018, 35, 1335-1353.	0.9	44
1326	Phytomelatonin, natural melatonin from plants as a novel dietary supplement: Sources, activities and world market. <i>Journal of Functional Foods</i> , 2018, 48, 37-42.	1.6	33
1327	Automated detection and manipulation of sleep in <i>C. elegans</i> reveals depolarization of a sleep-active neuron during mechanical stimulation-induced sleep deprivation. <i>Scientific Reports</i> , 2018, 8, 9732.	1.6	17
1328	Generation of circadian rhythms in the suprachiasmatic nucleus. <i>Nature Reviews Neuroscience</i> , 2018, 19, 453-469.	4.9	601
1329	Cerebrospinal Fluid-Contacting Neurons Sense pH Changes and Motion in the Hypothalamus. <i>Journal of Neuroscience</i> , 2018, 38, 7713-7724.	1.7	27
1330	Impaired Photic Entrainment of Spontaneous Locomotor Activity in Mice Overexpressing Human Mutant $\Delta\pm$ -Synuclein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1651.	1.8	19
1331	The Efficacy of Transcranial Current Stimulation Techniques to Modulate Resting-State EEG, to Affect Vigilance and to Promote Sleepiness. <i>Brain Sciences</i> , 2018, 8, 137.	1.1	38
1332	Trigeminal, Visceral and Vestibular Inputs May Improve Cognitive Functions by Acting through the Locus Coeruleus and the Ascending Reticular Activating System: A New Hypothesis. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 130.	0.9	50
1333	The Potential of Phytomelatonin as a Nutraceutical. <i>Molecules</i> , 2018, 23, 238.	1.7	68
1334	The Physiological Bases of Sleep. , 2018, , 41-82.		1
1335	Orexin-1 receptor is involved in ageing-related delayed emergence from general anaesthesia in rats. <i>British Journal of Anaesthesia</i> , 2018, 121, 1097-1104.	1.5	7
1336	An approach to periodic, time-varying parameter estimation using nonlinear filtering. <i>Inverse Problems</i> , 2018, 34, 105005.	1.0	11
1337	Novel insights into the spatial and temporal complexity of hypothalamic organization through precision methods allowing nanoscale resolution. <i>Journal of Internal Medicine</i> , 2018, 284, 568-580.	2.7	4
1338	Sleep: Short Sleepers Should Keep Count of Their Hypocretin Neurons. <i>Current Biology</i> , 2018, 28, R558-R560.	1.8	8
1339	Prescription Drugs Used in Insomnia. <i>Sleep Medicine Clinics</i> , 2018, 13, 169-182.	1.2	25

#	ARTICLE	IF	CITATIONS
1340	Numerical study of entrainment of the human circadian system and recovery by light treatment. <i>Theoretical Biology and Medical Modelling</i> , 2018, 15, 5.	2.1	3
1341	Ablation of Central Serotonergic Neurons Decreased REM Sleep and Attenuated Arousal Response. <i>Frontiers in Neuroscience</i> , 2018, 12, 535.	1.4	27
1342	The Neurobiological Basis of Sleep and Sleep Disorders. <i>Physiology</i> , 2018, 33, 317-327.	1.6	21
1343	Sleep Disorders and Migraine: Review of Literature and Potential Pathophysiology Mechanisms. <i>Headache</i> , 2018, 58, 1030-1039.	1.8	126
1345	Pharmacology of Psychiatric Drugs and Their Effects on Sleep. , 2018, , 85-96.		0
1346	The Science and Art of Prescribing for Insomnia. , 2018, , 121-148.		0
1347	Divergent projection patterns of M1 ipRGC subtypes. <i>Journal of Comparative Neurology</i> , 2018, 526, 2010-2018.	0.9	57
1348	A semi-automated algorithm for hypothalamus volumetry in 3 Tesla magnetic resonance images. <i>Psychiatry Research - Neuroimaging</i> , 2018, 277, 45-51.	0.9	15
1349	Suppression of underlying neuronal fluctuations mediates EEG slowing during general anaesthesia. <i>NeuroImage</i> , 2018, 179, 414-428.	2.1	35
1350	Awakening Ptosis: A Clinical Review. <i>Neuro-Ophthalmology</i> , 2019, 43, 26-31.	0.4	1
1351	Awareness and current knowledge of Parkinson's disease: a neurodegenerative disorder. <i>International Journal of Neuroscience</i> , 2019, 129, 55-93.	0.8	57
1352	Investigating the relationships between hypothalamic volume and measures of circadian rhythm and habitual sleep in premanifest Huntington's disease. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2019, 6, 1-8.	1.4	32
1353	Foot cooling does not improve vigilance but may transiently reduce sleepiness. <i>Journal of Sleep Research</i> , 2019, 28, e12701.	1.7	0
1354	Abnormalities of thalamus volume and resting state functional connectivity in primary insomnia patients. <i>Brain Imaging and Behavior</i> , 2019, 13, 1193-1201.	1.1	38
1355	The role of the hypothalamus in modulation of respiration. <i>Respiratory Physiology and Neurobiology</i> , 2019, 265, 172-179.	0.7	57
1356	Evaluation of agomelatine for the treatment of sleep problems in adults with autism spectrum disorder and co-morbid intellectual disability. <i>Journal of Psychopharmacology</i> , 2019, 33, 1395-1406.	2.0	23
1357	Understanding Quantitative Circadian Regulations Are Crucial Towards Advancing Chronotherapy. <i>Cells</i> , 2019, 8, 883.	1.8	12
1358	Non-visual Biological Mechanism. , 2019, , 137-168.		3

#	ARTICLE	IF	CITATIONS
1359	Sleep as a Therapeutic Target in the Aging Brain. <i>Neurotherapeutics</i> , 2019, 16, 554-568.	2.1	35
1360	Alzheimer's disease: Neurotransmitters of the sleep-wake cycle. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 72-80.	2.9	29
1361	Brain Structural Features of Myotonic Dystrophy Type 1 and their Relationship with CTG Repeats. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 321-332.	1.1	23
1362	Effects of Nocturnal Sleep Quality on Diurnal Cortisol Profiles and Attention in Nurses: A Cross-Sectional Study. <i>Biological Research for Nursing</i> , 2019, 21, 510-518.	1.0	15
1363	Default mode and visual network activity in an attention task: Direct measurement with intracranial EEG. <i>NeuroImage</i> , 2019, 201, 116003.	2.1	18
1364	Sleep architecture changes in the APP23 mouse model manifest at onset of cognitive deficits. <i>Behavioural Brain Research</i> , 2019, 373, 112089.	1.2	18
1365	Circadian regulation of sleep in a pre-clinical model of Dravet syndrome: dynamics of sleep stage and siesta re-entrainment. <i>Sleep</i> , 2019, 42, .	0.6	13
1366	Neuroimaging insights into the link between depression and Insomnia: A systematic review. <i>Journal of Affective Disorders</i> , 2019, 258, 133-143.	2.0	44
1367	The Serotonergic Raphe Promote Sleep in Zebrafish and Mice. <i>Neuron</i> , 2019, 103, 686-701.e8.	3.8	160
1368	Diet-induced hypothalamic dysfunction and metabolic disease, and the therapeutic potential of polyphenols. <i>Molecular Metabolism</i> , 2019, 27, 1-10.	3.0	34
1369	British Association for Psychopharmacology consensus statement on evidence-based treatment of insomnia, parasomnias and circadian rhythm disorders: An update. <i>Journal of Psychopharmacology</i> , 2019, 33, 923-947.	2.0	173
1371	A Biased Diffusion Approach to Sleep Dynamics Reveals Neuronal Characteristics. <i>Biophysical Journal</i> , 2019, 117, 987-997.	0.2	8
1372	Circadian Clocks in the Regulation of Neurotransmitter Systems. <i>Pharmacopsychiatry</i> , 2019, 46, .	1.7	7
1373	Precision Medicine for Idiopathic Hypersomnia. <i>Sleep Medicine Clinics</i> , 2019, 14, 333-350.	1.2	35
1375	An Electronic Lattice Construction Method Based on Game Padding. <i>IEEE Access</i> , 2019, 7, 146838-146847.	2.6	1
1376	<p></p>Reduced plasma orexin-A levels in patients with bipolar disorder</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2221-2230.	1.0	23
1377	Neurogenetic basis for circadian regulation of metabolism by the hypothalamus. <i>Genes and Development</i> , 2019, 33, 1136-1158.	2.7	39
1378	Structural and functional connections between the median and the ventrolateral preoptic nucleus. <i>Brain Structure and Function</i> , 2019, 224, 3045-3057.	1.2	11

#	ARTICLE	IF	CITATIONS
1379	Sleep in the completely locked-in state (CLIS) in amyotrophic lateral sclerosis. <i>Sleep</i> , 2019, 42, .	0.6	13
1380	What Does It Mean for Psychological Modeling to Be More Robust?. <i>Computational Brain & Behavior</i> , 2019, 2, 154-156.	0.9	0
1381	Galanin Neurons Unite Sleep Homeostasis and β -Adrenergic Sedation. <i>Current Biology</i> , 2019, 29, 3315-3322.e3.	1.8	66
1382	<p>Associations of informant-based sleep reports with Alzheimerâ€™s disease pathologies</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 1631-1642.	1.3	8
1383	Time-of-day effects on prospective memory. <i>Behavioural Brain Research</i> , 2019, 376, 112179.	1.2	13
1384	Multimodal assessment of recovery from coma in a rat model of diffuse brainstem tegmentum injury. <i>NeuroImage</i> , 2019, 189, 615-630.	2.1	19
1385	The Sleepy Consumer and Variety Seeking. <i>Journal of Marketing Research</i> , 2019, 56, 179-196.	3.0	21
1386	Diffusion kurtosis imaging in mild traumatic brain injury and postconcussional syndrome. <i>Journal of Neuroscience Research</i> , 2019, 97, 568-581.	1.3	27
1387	Hypocretins (Orexins): Twenty Years of Dissecting Arousal Circuits. , 2019, , 1-29.		3
1388	Sleep Modelling across Physiological Levels. <i>Clocks & Sleep</i> , 2019, 1, 166-184.	0.9	16
1389	Sleep and Plasticity. <i>Handbook of Behavioral Neuroscience</i> , 2019, 30, 425-442.	0.7	1
1390	The bidirectional causal relationships of insomnia with five major psychiatric disorders: A Mendelian randomization study. <i>European Psychiatry</i> , 2019, 60, 79-85.	0.1	45
1391	The Circuit, Cellular, and Synaptic Bases of Sleep-Wake Regulation. <i>Handbook of Behavioral Neuroscience</i> , 2019, , 65-88.	0.7	2
1392	Serotonergic Systems in Sleep and Waking. <i>Handbook of Behavioral Neuroscience</i> , 2019, , 101-123.	0.7	2
1393	Adenosinergic Control of Sleep/Wake Behavior. <i>Handbook of Behavioral Neuroscience</i> , 2019, 30, 125-136.	0.7	1
1394	NREM Sleep Regulation From Neuronal Assembly to Ion. <i>Handbook of Behavioral Neuroscience</i> , 2019, 30, 137-159.	0.7	1
1395	Neurobiological Parallels, Overlaps, and Divergences of Sleep and Anesthesia. <i>Handbook of Behavioral Neuroscience</i> , 2019, , 223-236.	0.7	3
1396	Sleep in <i>Drosophila</i> . <i>Handbook of Behavioral Neuroscience</i> , 2019, 30, 333-347.	0.7	6

#	ARTICLE	IF	CITATIONS
1397	Normal Sleep EEG. , 2019, , 153-175.		1
1398	Night, Darkness, Sleep, and Cardiovascular Activity. , 2019, , 1-18.		0
1399	Disorders of Consciousness. , 2019, , 731-765.		5
1400	Muscles of Breathing: Development, Function, and Patterns of Activation. , 2019, 9, 1025-1080.		15
1401	Calcium Signaling Pathways: Key Pathways in the Regulation of Obesity. International Journal of Molecular Sciences, 2019, 20, 2768.	1.8	41
1402	Light Entrainments Diurnal Changes in Insulin Sensitivity of Skeletal Muscle via Ventromedial Hypothalamic Neurons. Cell Reports, 2019, 27, 2385-2398.e3.	2.9	15
1403	Pharmacological Modulation of Sleep Homeostasis in Rat: Novel Effects of an mGluR2/3 Antagonist. Sleep, 2019, 42, .	0.6	5
1404	Molecular modeling technology studies of novel pyrazoleethylbenzamide derivatives as selective orexin receptor 1 antagonists. Journal of the Taiwan Institute of Chemical Engineers, 2019, 100, 1-17.	2.7	5
1405	Does Hand Massage Have Sustained Effects on Pain Intensity and Pain-Related Interference in the Cardiac Surgery Critically Ill? A Randomized Controlled Trial. Pain Management Nursing, 2019, 20, 572-579.	0.4	4
1406	Effects of Sleep Deprivation (SD) on Rats via ERK1/2 Signaling Pathway. Medical Science Monitor, 2019, 25, 2886-2895.	0.5	7
1407	The role of sleep deprivation and circadian rhythm disruption as risk factors of Alzheimer's disease. Frontiers in Neuroendocrinology, 2019, 54, 100764.	2.5	79
1408	Circadian Neurobiology and the Physiologic Regulation of Sleep and Wakefulness. Neurologic Clinics, 2019, 37, 475-486.	0.8	40
1409	Î¼-Opioid Receptor Activation Directly Modulates Intrinsically Photosensitive Retinal Ganglion Cells. Neuroscience, 2019, 408, 400-417.	1.1	13
1410	MicroRNA miR-7 and miR-17-92 in the Arcuate Nucleus of Mouse Hypothalamus Regulate Sex-Specific Diet-Induced Obesity. Molecular Neurobiology, 2019, 56, 7508-7521.	1.9	16
1411	Sleep and food intake. , 2019, , 243-255.		0
1412	Martian Environmental Psychology: The Choice Architecture of a Mars Mission and Colony. Space and Society, 2019, , 3-34.	1.6	2
1413	Extreme sleep pattern in Lewy body dementia: a hypothalamic matter?. BMJ Case Reports, 2019, 12, e228177.	0.2	3
1414	c-Fos expression in the limbic thalamus following thermoregulatory and wake-sleep changes in the rat. Experimental Brain Research, 2019, 237, 1397-1407.	0.7	4

#	ARTICLE	IF	CITATIONS
1415	Role of the L-PGDS-PGD2-DP1 receptor axis in sleep regulation and neurologic outcomes. <i>Sleep</i> , 2019, 42, .	0.6	25
1416	The role of hormonal, metabolic and inflammatory biomarkers on sleep and appetite in drug free patients with major depression: A systematic review. <i>Journal of Affective Disorders</i> , 2019, 250, 249-259.	2.0	33
1417	Working against the biological clock: a review for the Occupational Physician. <i>Industrial Health</i> , 2019, 57, 557-569.	0.4	19
1418	Deep structural brain lesions associated with consciousness impairment early after hemorrhagic stroke. <i>Scientific Reports</i> , 2019, 9, 4174.	1.6	16
1419	Sleep Loss Disrupts Morning-to-Evening Differences in Human White Adipose Tissue Transcriptome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1687-1696.	1.8	25
1420	<i>New Frontiers</i> . , 2019, , 331-353.		2
1421	Sleep and Nutrition Interactions: Implications for Athletes. <i>Nutrients</i> , 2019, 11, 822.	1.7	86
1422	Macroscale intrinsic network architecture of the hypothalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8018-8027.	3.3	36
1423	Aging circadian rhythms and cannabinoids. <i>Neurobiology of Aging</i> , 2019, 79, 110-118.	1.5	28
1424	Astrocyte morphology: Diversity, plasticity, and role in neurological diseases. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 665-673.	1.9	186
1425	The bidirectional impact of sleep and circadian rhythm dysfunction in human ischaemic stroke: A systematic review. <i>Sleep Medicine Reviews</i> , 2019, 45, 54-69.	3.8	65
1426	Associations between pre-sleep arousal and insomnia symptoms in early adulthood: a twin and sibling study. <i>Sleep</i> , 2019, 42, .	0.6	12
1427	Genome-wide analysis of insomnia in 1,331,010 individuals identifies new risk loci and functional pathways. <i>Nature Genetics</i> , 2019, 51, 394-403.	9.4	593
1428	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> , 2019, 15, 590-597.	0.4	48
1429	Genetic sleep deprivation: using sleep mutants to study sleep functions. <i>EMBO Reports</i> , 2019, 20, .	2.0	27
1430	Longitudinal Associations of Sleep Duration, Morning and Evening Cortisol, and BMI During Childhood. <i>Obesity</i> , 2019, 27, 645-652.	1.5	7
1431	Sleep disorders, nocturnal blood pressure, and cardiovascular risk: A translational perspective. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 218, 31-42.	1.4	50
1432	Sleep and Obesity in Children and Adolescents. , 2019, , 147-178.		7

#	ARTICLE	IF	CITATIONS
1433	Usersâ€™ Awareness, Attitudes, and Perceptions of Health Risks Associated with Excessive Lighting in Night Markets: Policy Implications for Sustainable Development. <i>Sustainability</i> , 2019, 11, 6091.	1.6	10
1435	Electrocardiography Abnormalities in Macaques after Infection with Encephalitic Alphaviruses. <i>Pathogens</i> , 2019, 8, 240.	1.2	9
1436	Disruption of Rapid Eye Movement Sleep Homeostasis in Adolescent Rats after Neonatal Anesthesia. <i>Anesthesiology</i> , 2019, 130, 981-994.	1.3	13
1437	Sleep Disorders in Rodent Models of Parkinsonâ€™s Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 1414.	1.6	29
1438	A single factor dominates the behavior of rhythmic genes in mouse organs. <i>BMC Genomics</i> , 2019, 20, 879.	1.2	8
1439	Arousal Contributions to Resting-State fMRI Connectivity and Dynamics. <i>Frontiers in Neuroscience</i> , 2019, 13, 1190.	1.4	17
1440	Potential Physiological Parameters to Indicate Inner States in Dogs: The Analysis of ECG, and Respiratory Signal During Different Sleep Phases. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 207.	1.0	18
1441	Outcomes of Subjective Sleepâ€“Wake Disturbances Twenty Years after Traumatic Brain Injury in Childhood. <i>Journal of Neurotrauma</i> , 2019, 36, 669-678.	1.7	10
1442	Exploring phylogeny to find the function of sleep. <i>Nature Reviews Neuroscience</i> , 2019, 20, 109-116.	4.9	124
1443	Assessing potential shared genetic aetiology between body mass index and sleep duration in 142,209 individuals. <i>Genetic Epidemiology</i> , 2019, 43, 207-214.	0.6	7
1444	Preparing for Mars: human sleep and performance during a 13 month stay in Antarctica. <i>Sleep</i> , 2019, 42, .	0.6	32
1445	The role of dopamine in mood disorders and the associated changes in circadian rhythms and sleep-wake cycle. <i>Brain Research</i> , 2019, 1713, 42-51.	1.1	34
1446	Differences in sleep between concussed and nonconcussed college students: a matched caseâ€“control study. <i>Sleep</i> , 2019, 42, .	0.6	21
1447	Is circadian rhythmicity a prerequisite to coma recovery? Circadian recovery concomitant to cognitive improvement in two comatose patients. <i>Journal of Pineal Research</i> , 2019, 66, e12555.	3.4	12
1448	Differential effects of bifrontal tDCS on arousal and sleep duration in insomnia patients and healthy controls. <i>Brain Stimulation</i> , 2019, 12, 674-683.	0.7	42
1449	Sleepâ€“wake regulation and the hallmarks of the pathogenesis of Alzheimerâ€™s disease. <i>Sleep</i> , 2019, 42, .	0.6	42
1450	Obstructive sleep apnea may induce orexinergic system and cerebral β -amyloid metabolism dysregulation: is it a further proof for Alzheimer's disease risk?. <i>Sleep Medicine</i> , 2019, 56, 171-176.	0.8	53
1452	Reactive and predictive homeostasis: Roles of orexin/hypocretin neurons. <i>Neuropharmacology</i> , 2019, 154, 61-67.	2.0	32

#	ARTICLE	IF	CITATIONS
1453	Effects of chronic caffeine consumption on sleep and the sleep electroencephalogram in mice. <i>Journal of Psychopharmacology</i> , 2019, 33, 122-131.	2.0	21
1454	Cord-blood vitamin D level and night sleep duration in preschoolers in the EDEN mother-child birth cohort. <i>Sleep Medicine</i> , 2019, 53, 70-74.	0.8	11
1455	Sleep and circadian rhythm disruption and stress intersect in Alzheimer's disease. <i>Neurobiology of Stress</i> , 2019, 10, 100133.	1.9	41
1456	Neural Circuitry Regulating REM Sleep and Its Implication in REM Sleep Behavior Disorder. , 2019, , 559-577.		4
1457	The neurobiological basis of narcolepsy. <i>Nature Reviews Neuroscience</i> , 2019, 20, 83-93.	4.9	151
1458	Circadian clocks and insulin resistance. <i>Nature Reviews Endocrinology</i> , 2019, 15, 75-89.	4.3	395
1459	Facebook use and sleep quality: Light interacts with socially induced alertness. <i>British Journal of Psychology</i> , 2019, 110, 519-529.	1.2	32
1460	Patterns of epileptic seizure occurrence. <i>Brain Research</i> , 2019, 1703, 3-12.	1.1	25
1461	Circadian circuits in humans: White matter microstructure predicts daytime sleepiness. <i>Cortex</i> , 2020, 122, 97-107.	1.1	6
1462	Dietary N-3 PUFA deficiency affects sleep-wake activity in basal condition and in response to an inflammatory challenge in mice. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 162-169.	2.0	9
1463	Sleep, insomnia, and depression. <i>Neuropsychopharmacology</i> , 2020, 45, 74-89.	2.8	364
1464	Close your eyes or open your mind: Effects of sleep and mindfulness exercises on entrepreneurs' exhaustion. <i>Journal of Business Venturing</i> , 2020, 35, 105918.	4.0	40
1465	Association of Time-Varying Rest-Activity Rhythm With Survival in Older Adults With Lung Cancer. <i>Cancer Nursing</i> , 2020, 43, 45-51.	0.7	5
1466	Sleep in the United States Military. <i>Neuropsychopharmacology</i> , 2020, 45, 176-191.	2.8	87
1467	Sleep deprivation, vigilant attention, and brain function: a review. <i>Neuropsychopharmacology</i> , 2020, 45, 21-30.	2.8	165
1468	Objective sleep outcomes 20 years after traumatic brain injury in childhood. <i>Disability and Rehabilitation</i> , 2020, 42, 2393-2401.	0.9	2
1469	Neurotensin Enhances Locomotor Activity and Arousal and Inhibits Melanin-Concentrating Hormone Signaling. <i>Neuroendocrinology</i> , 2020, 110, 35-49.	1.2	5
1470	Update on the pharmacologic management of narcolepsy: mechanisms of action and clinical implications. <i>Sleep Medicine</i> , 2020, 68, 97-109.	0.8	53

#	ARTICLE	IF	CITATIONS
1471	Bidirectional relationship between sleep and Alzheimer's disease: role of amyloid, tau, and other factors. <i>Neuropsychopharmacology</i> , 2020, 45, 104-120.	2.8	280
1472	The Neuromodulative Effects of Tiredness and Mental Fatigue on Cognition and the Use of Medication. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 167-172.	0.5	0
1473	Neurochemical mechanisms for memory processing during sleep: basic findings in humans and neuropsychiatric implications. <i>Neuropsychopharmacology</i> , 2020, 45, 31-44.	2.8	35
1474	Sleep disturbance in PTSD and other anxiety-related disorders: an updated review of clinical features, physiological characteristics, and psychological and neurobiological mechanisms. <i>Neuropsychopharmacology</i> , 2020, 45, 55-73.	2.8	105
1475	Multidisciplinary rehabilitation reduces hypothalamic grey matter volume loss in individuals with preclinical Huntington's disease: A nine-month pilot study. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116522.	0.3	13
1476	Serotonergic system may be involved in alterations of sleep homeostasis in spontaneously hypertensive rats. <i>Journal of Sleep Research</i> , 2020, 29, e12947.	1.7	2
1477	Fixed-time event-triggered synchronization of a multilayer Kuramoto-oscillator network. <i>Neurocomputing</i> , 2020, 379, 214-226.	3.5	31
1478	Association between insomnia and cognitive performance, gray matter volume, and white matter microstructure in cognitively unimpaired adults. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 4.	3.0	53
1479	Is Phytemelatonin a New Plant Hormone?. <i>Agronomy</i> , 2020, 10, 95.	1.3	102
1480	Physiological changes in sleep that affect fMRI inference. <i>Current Opinion in Behavioral Sciences</i> , 2020, 33, 42-50.	2.0	27
1481	Nightly sleep duration, fragmentation, and quality and daily risk of migraine. <i>Neurology</i> , 2020, 94, e489-e496.	1.5	32
1482	Agomelatine treatment corrects impaired sleep-wake cycle and sleep architecture and increases MT1 receptor as well as BDNF expression in the hippocampus during the subjective light phase of rats exposed to chronic constant light. <i>Psychopharmacology</i> , 2020, 237, 503-518.	1.5	20
1483	Brainstem dysfunction in critically ill patients. <i>Critical Care</i> , 2020, 24, 5.	2.5	63
1484	Epidermal Growth Factor Signaling Promotes Sleep through a Combined Series and Parallel Neural Circuit. <i>Current Biology</i> , 2020, 30, 1-16.e13.	1.8	264
1485	Relationships between Post-Concussion Sleep and Symptom Recovery: A Preliminary Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1029-1036.	1.7	15
1486	Estimating Representative Group Intrinsic Circadian Period from Illuminance-Response Curve Data. <i>Journal of Biological Rhythms</i> , 2020, 35, 195-206.	1.4	4
1487	After stroke, apraxia of eyelid opening is associated with high mortality and right hemispheric infarction. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117145.	0.3	4
1488	Angelman syndrome and melatonin: What can they teach us about sleep regulation. <i>Journal of Pineal Research</i> , 2020, 69, e12697.	3.4	10

#	ARTICLE	IF	CITATIONS
1489	Automated segmentation of the hypothalamus and associated subunits in brain MRI. <i>NeuroImage</i> , 2020, 223, 117287.	2.1	92
1490	Association between circadian disruption and diseases: A narrative review. <i>Life Sciences</i> , 2020, 262, 118512.	2.0	24
1491	Restâ€Activity Pattern Alterations in Idiopathic REM Sleep Behavior Disorder. <i>Annals of Neurology</i> , 2020, 88, 817-829.	2.8	19
1492	Differences in Diffusion-Weighted Imaging and Resting-State Functional Connectivity Between Two Culturally Distinct Populations of Prairie Vole. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 588-597.	1.1	6
1493	Delirium. <i>Nature Reviews Disease Primers</i> , 2020, 6, 90.	18.1	443
1494	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
1495	Decoding Circadian Rhythm and Epileptic Activities: Clues From Animal Studies. <i>Frontiers in Neurology</i> , 2020, 11, 751.	1.1	6
1496	Circadian alterations in patients with neurodegenerative diseases: Neuropathological basis of underlying network mechanisms. <i>Neurobiology of Disease</i> , 2020, 144, 105029.	2.1	28
1497	Therapeutic role of melatonin in migraine prophylaxis: Is there a link between sleep and migraine?. <i>Progress in Brain Research</i> , 2020, 255, 343-369.	0.9	10
1498	The importance of specialized sleep investigations in children with a suprasellar tumor. <i>Pituitary</i> , 2020, 23, 613-621.	1.6	11
1499	Sleeping Sickness Disrupts the Sleep-Regulating Adenosine System. <i>Journal of Neuroscience</i> , 2020, 40, 9306-9316.	1.7	14
1500	Association of CSF orexin-A levels and nocturnal sleep stability in patients with hypersomnolence. <i>Neurology</i> , 2020, 95, e2900-e2911.	1.5	24
1501	Glutamatergic Neurons of the Paraventricular Nucleus are Critical for the Control of Wakefulness. <i>Neuroscience</i> , 2020, 446, 137-144.	1.1	11
1502	Optimisation and Validation of a Nutritional Intervention to Enhance Sleep Quality and Quantity. <i>Nutrients</i> , 2020, 12, 2579.	1.7	7
1503	Cavefish brain atlases reveal functional and anatomical convergence across independently evolved populations. <i>Science Advances</i> , 2020, 6, .	4.7	41
1504	A metaâ€analysis: Does vitamin D play a promising role in sleep disorders?. <i>Food Science and Nutrition</i> , 2020, 8, 5696-5709.	1.5	6
1505	Circadian Rhythm and Pain: Mathematical Model based on Multiagent Simulation. <i>Journal of Medical Systems</i> , 2020, 44, 173.	2.2	1
1506	How could the basal ganglia control sleep?. <i>Neurology</i> , 2020, 95, 302-304.	1.5	5

#	ARTICLE	IF	CITATIONS
1507	Sleep Disturbance Induces Increased Cholesterol Level by NR1D1 Mediated CYP7A1 Inhibition. <i>Frontiers in Genetics</i> , 2020, 11, 610496.	1.1	13
1508	Neuroimaging in Narcolepsy and Idiopathic Hypersomnia: from Neural Correlates to Clinical Practice. <i>Current Sleep Medicine Reports</i> , 2020, 6, 251-266.	0.7	4
1509	Circadian Gene Expression Rhythms During Critical Illness. <i>Critical Care Medicine</i> , 2020, 48, e1294-e1299.	0.4	27
1510	The mammalian circadian pacemaker regulates wakefulness via CRF neurons in the paraventricular nucleus of the hypothalamus. <i>Science Advances</i> , 2020, 6, .	4.7	51
1511	The (Un)Conscious Mouse as a Model for Human Brain Functions: Key Principles of Anesthesia and Their Impact on Translational Neuroimaging. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 8.	1.2	45
1513	Stress-Induced Behavioral Quiescence and Abnormal Rest-Activity Rhythms During Critical Illness. <i>Critical Care Medicine</i> , 2020, 48, 862-871.	0.4	19
1514	Random walk model simulates the increased drowsiness of children with obstructive sleep apnea. <i>Europhysics Letters</i> , 2020, 129, 60002.	0.7	0
1515	Transient Arousal Modulations Contribute to Resting-State Functional Connectivity Changes Associated with Head Motion Parameters. <i>Cerebral Cortex</i> , 2020, 30, 5242-5256.	1.6	20
1516	Factors Disrupting Melatonin Secretion Rhythms During Critical Illness. <i>Critical Care Medicine</i> , 2020, 48, 854-861.	0.4	31
1517	Neuronal Oscillations of Wakefulness and Sleep. , 2020, , .		1
1518	Oncogenic and Circadian Effects of Small Molecules Directly and Indirectly Targeting the Core Circadian Clock. <i>Integrative Cancer Therapies</i> , 2020, 19, 153473542092409.	0.8	9
1519	Are Circadian Disturbances a Core Pathophysiological Component of Schizophrenia?. <i>Journal of Biological Rhythms</i> , 2020, 35, 325-339.	1.4	25
1520	Hypothalamic NAD ⁺ -Sirtuin Axis: Function and Regulation. <i>Biomolecules</i> , 2020, 10, 396.	1.8	11
1521	Consistent altered internal capsule white matter microstructure in insomnia disorder. <i>Sleep</i> , 2020, 43, .	0.6	11
1522	Acupoint combination effect of Shenmen (HT 7) and Sanyinjiao (SP 6) in treating insomnia: study protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 261.	0.7	12
1523	Brain interstitial fluid drainage and extracellular space affected by inhalational isoflurane: in comparison with intravenous sedative dexmedetomidine and pentobarbital sodium. <i>Science China Life Sciences</i> , 2020, 63, 1363-1379.	2.3	15
1524	Inverse relationship of subjective daytime sleepiness to mortality in heart failure patients with sleep apnoea. <i>ESC Heart Failure</i> , 2020, 7, 2448-2454.	1.4	6
1525	Prescription Drugs Used in Insomnia. <i>Sleep Medicine Clinics</i> , 2020, 15, 133-145.	1.2	40

#	ARTICLE	IF	CITATIONS
1526	Equation representing the dark-entrained transition from inaction to action in male and female mice. Behavioural Brain Research, 2020, 392, 112673.	1.2	0
1527	Electrophysiological Properties of Genetically Identified Histaminergic Neurons. Neuroscience, 2020, 444, 183-195.	1.1	6
1528	Altered response to repetitive transcranial magnetic stimulation in patients with chronic primary insomnia. Sleep Medicine, 2020, 72, 126-129.	0.8	5
1529	1H MRS Measurement of Cortical GABA and Glutamate in Primary Insomnia and Major Depressive Disorder: Relationship to Sleep Quality and Depression Severity. Journal of Affective Disorders, 2020, 274, 624-631.	2.0	24
1530	Prognostic roles of sleep electroencephalography pattern and circadian rhythm biomarkers in the recovery of consciousness in patients with coma: a prospective cohort study. Sleep Medicine, 2020, 69, 204-212.	0.8	16
1531	Suprachiasmatic lesions restore object recognition in down syndrome model mice. Neurobiology of Sleep and Circadian Rhythms, 2020, 8, 100049.	1.4	12
1532	A wake-active locomotion circuit depolarizes a sleep-active neuron to switch on sleep. PLoS Biology, 2020, 18, e3000361.	2.6	19
1533	BOLD differences normally attributed to inhibitory control predict symptoms, not task-directed inhibitory control in ADHD. Journal of Neurodevelopmental Disorders, 2020, 12, 8.	1.5	13
1534	Migraine pathways and the identification of novel therapeutic targets. Expert Opinion on Therapeutic Targets, 2020, 24, 245-253.	1.5	8
1535	Assessment and Treatment of Sleep in Mild Traumatic Brain Injury. , 2020, , 77-88.		0
1536	Automatic detection of cortical arousals in sleep and their contribution to daytime sleepiness. Clinical Neurophysiology, 2020, 131, 1187-1203.	0.7	18
1537	Neuropathic Pain and Sleep Quality. , 2020, , 169-174.		0
1538	High-fat diet Influences on Sleep Regulation. , 2020, , 193-196.		0
1539	Sleep and Addictions. , 2020, , 361-371.		0
1540	Differences in behavior between surface and cave Astyanax mexicanus may be mediated by changes in catecholamine signaling. Journal of Comparative Neurology, 2020, 528, 2639-2653.	0.9	1
1541	Wake-Promoting and EEG Spectral Effects of Modafinil After Acute or Chronic Administration in the R6/2 Mouse Model of Huntington's Disease. Neurotherapeutics, 2020, 17, 1075-1086.	2.1	8
1542	Circadian and sleep dysfunction in Alzheimer's disease. Ageing Research Reviews, 2020, 60, 101046.	5.0	99
1543	Melanocortin regulation of histaminergic neurons via perifornical lateral hypothalamic melanocortin 4 receptors. Molecular Metabolism, 2020, 35, 100956.	3.0	7

#	ARTICLE	IF	CITATIONS
1544	New fluid biomarkers tracking non-amyloid- β^2 and non-tau pathology in Alzheimer's disease. <i>Experimental and Molecular Medicine</i> , 2020, 52, 556-568.	3.2	57
1545	Neurophysiological investigations of drug resistant epilepsy patients treated with vagus nerve stimulation to differentiate responders from non-responders. <i>European Journal of Neurology</i> , 2020, 27, 1178-1189.	1.7	31
1546	Nocturnal swallowing augments arousal intensity and arousal tachycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8624-8632.	3.3	4
1547	Melatonin effects on EEG activity during non-rapid eye movement sleep in mild-to-moderate Alzheimer's disease: a pilot study. <i>International Journal of Neuroscience</i> , 2021, 131, 580-590.	0.8	6
1548	The Sleep Side of Aging and Alzheimer's Disease. <i>Sleep Medicine</i> , 2021, 77, 209-225.	0.8	29
1549	A Hybrid Cognitive Architecture with Primal Affect and Physiology. <i>IEEE Transactions on Affective Computing</i> , 2021, 12, 318-328.	5.7	3
1551	Histaminergic neurons in the tuberomammillary nucleus as a control centre for wakefulness. <i>British Journal of Pharmacology</i> , 2021, 178, 750-769.	2.7	46
1552	Sleep-Dependent Directional Interactions of the Central Nervous System-Cardiorespiratory Network. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 639-649.	2.5	6
1553	Sleep-disordered breathing and the risk of Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2021, 55, 101375.	3.8	79
1554	The effects of non-invasive brain stimulation on sleep disturbances among different neurological and neuropsychiatric conditions: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 55, 101381.	3.8	51
1555	Effect of orexin-A on mitochondrial biogenesis, mitophagy and structure in HEK293A-APP ^{SWE} cell model of Alzheimer's disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 355-360.	0.9	11
1556	Detection of factors influencing circadian rhythms on Intensive Care inpatients and hospitalization: Protocol for an observational study. <i>Journal of Advanced Nursing</i> , 2021, 77, 411-416.	1.5	2
1557	Regulatory mechanism of daily sleep by miR-276a. <i>FASEB Journal</i> , 2021, 35, e21222.	0.2	4
1558	Functional thalamocortical connectivity at term equivalent age and outcome at 2 years in infants born preterm. <i>Cortex</i> , 2021, 135, 17-29.	1.1	15
1559	Uncommon radiation-induced neurological syndromes. , 2021, , 328-340.		0
1560	Research Advances on Therapeutic Approaches to Congenital Central Hypoventilation Syndrome (CCHS). <i>Frontiers in Neuroscience</i> , 2020, 14, 615666.	1.4	19
1561	Sleep Analysis in Adult <i>C. elegans</i> Reveals State-Dependent Alteration of Neural and Behavioral Responses. <i>Journal of Neuroscience</i> , 2021, 41, 1892-1907.	1.7	13
1562	Craniopharyngiomas primarily affecting the hypothalamus. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 181, 75-115.	1.0	12

#	ARTICLE	IF	CITATIONS
1563	Headache and Sleep. , 2021, , 89-132.		0
1564	Respiratory physiology. , 2023, , 200-209.		0
1565	Model-based analysis and forecast of sleep-wake regulatory dynamics: Tools and applications to data. Chaos, 2021, 31, 013139.	1.0	4
1566	Circadian and Sleep Dysfunctions in Neurodegenerative Disorders—An Update. Frontiers in Neuroscience, 2020, 14, 627330.	1.4	33
1567	Neurobiology of sleep (Review). Experimental and Therapeutic Medicine, 2021, 21, 272.	0.8	13
1568	Decreased Orexin Receptor 1 mRNA Expression in the Locus Coeruleus in Both Tau Transgenic rTg4510 and Tau Knockout Mice and Accompanying Ascending Arousal System Tau Invasion in rTg4510. Journal of Alzheimer's Disease, 2021, 79, 693-708.	1.2	7
1569	Autism spectrum disorder and sleep: pharmacology management. , 2021, , 9-21.		0
1570	Hypothalamus and amygdala functional connectivity at rest in narcolepsy type 1. NeuroImage: Clinical, 2021, 31, 102748.	1.4	11
1571	Phylogeny and the function of sleep. , 2021, , .		0
1572	Etiology and pathogenesis of insomnia. , 2021, , .		0
1573	Testicular Atrophy and Hypothalamic Pathology in COVID-19: Possibility of the Incidence of Male Infertility and HPG Axis Abnormalities. Reproductive Sciences, 2021, 28, 2735-2742.	1.1	48
1574	Diurnal and seasonal molecular rhythms in the human brain and their relation to Alzheimer disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 271-284.	1.0	1
1575	Central Neural Circuits Orchestrating Thermogenesis, Sleep-Wakefulness States and General Anesthesia States. Current Neuropharmacology, 2022, 20, 223-253.	1.4	2
1576	Irregular Work Hours and the Risk of Sleep Disturbance Among Korean Service Workers Required to Suppress Emotion. International Journal of Environmental Research and Public Health, 2021, 18, 1517.	1.2	3
1577	Dissociative Symptoms are Highly Prevalent in Adults with Narcolepsy Type 1. Behavioral Sleep Medicine, 2022, 20, 63-73.	1.1	2
1578	Baroreceptor Modulation of the Cardiovascular System, Pain, Consciousness, and Cognition. , 2021, 11, 1373-1423.		15
1580	Novel Neuroimaging Biomarker for Sleep Quality in Insomnia Disorder: A Hypothalamus Resting State Study. Frontiers in Neuroscience, 2021, 15, 634984.	1.4	5
1582	Association of Sleep Duration With Atrial Fibrillation and Heart Failure: A Mendelian Randomization Analysis. Frontiers in Genetics, 2021, 12, 583658.	1.1	10

#	ARTICLE	IF	CITATIONS
1583	Circadian rhythm as a therapeutic target. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 287-307.	21.5	177
1584	Improvement of Memory Functions in Chronic Spinal Cord Injury After Long-Term Intrathecal Baclofen Delivery for Spasticity Relief. <i>Neuromodulation</i> , 2021, 24, 1199-1203.	0.4	3
1585	Orexin/Hypocretin and MCH Neurons: Cognitive and Motor Roles Beyond Arousal. <i>Frontiers in Neuroscience</i> , 2021, 15, 639313.	1.4	18
1586	Rethinking the use of hypnotics for treatment of insomnia in the elderly. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 1-5.	0.9	5
1587	Effect of Sleep Bruxism Intensity on Blood Pressure in Normotensives. <i>Journal of Clinical Medicine</i> , 2021, 10, 1304.	1.0	6
1588	Divergent Importance of Chronobiological Considerations in High- and Low-dose Melatonin Therapies. <i>Diseases (Basel, Switzerland)</i> , 2021, 9, 18.	1.0	16
1589	Neuropeptides as Primary Mediators of Brain Circuit Connectivity. <i>Frontiers in Neuroscience</i> , 2021, 15, 644313.	1.4	18
1590	The Inert Brain: Explaining Neural Inertia as Post-anaesthetic Sleep Inertia. <i>Frontiers in Neuroscience</i> , 2021, 15, 643871.	1.4	7
1591	Circadian Misalignment and Metabolic Disorders: A Story of Twisted Clocks. <i>Biology</i> , 2021, 10, 207.	1.3	9
1592	Cluster headache pathophysiology – insights from current and emerging treatments. <i>Nature Reviews Neurology</i> , 2021, 17, 308-324.	4.9	45
1593	Hypothalamic lesions in neuromyelitis optica spectrum disorders: exploring a scoring system based on magnetic resonance imaging. <i>Japanese Journal of Radiology</i> , 2021, 39, 659-668.	1.0	2
1594	Sleep disorders and late-onset epilepsy of unknown origin: Understanding new trajectories to brain amyloidopathy. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111434.	2.2	11
1595	Cellular Composition of the Preoptic Area Regulating Sleep, Parental, and Sexual Behavior. <i>Frontiers in Neuroscience</i> , 2021, 15, 649159.	1.4	30
1596	Retrieval-extinction as a reconsolidation-based treatment for emotional disorders: Evidence from an extinction retention test shortly after intervention. <i>Behaviour Research and Therapy</i> , 2021, 139, 103831.	1.6	6
1597	Social Distancing in Chronic Migraine during the COVID-19 Outbreak: Results from a Multicenter Observational Study. <i>Nutrients</i> , 2021, 13, 1361.	1.7	34
1598	NAD ⁺ oscillation and hypothalamic neuronal functions. <i>Faculty Reviews</i> , 2021, 10, 42.	1.7	5
1599	Pharmacologically Induced Ventilatory Depression in the Postoperative Patient: A Sleep-Wake State-Dependent Perspective. <i>Anesthesia and Analgesia</i> , 2021, 132, 1274-1286.	1.1	10
1600	The Emerging Circadian Phenotype of Borderline Personality Disorder: Mechanisms, Opportunities and Future Directions. <i>Current Psychiatry Reports</i> , 2021, 23, 30.	2.1	9

#	ARTICLE	IF	CITATIONS
1601	The Sleep and Recovery Practices of Athletes. <i>Nutrients</i> , 2021, 13, 1330.	1.7	18
1602	Arousing Effects of Electroacupuncture on the "Shuigou Point" in Rats with Disorder of Consciousness after Traumatic Brain Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	0.5	3
1603	The Neural Circuits Underlying General Anesthesia and Sleep. <i>Anesthesia and Analgesia</i> , 2021, 132, 1254-1264.	1.1	60
1604	REM Sleep Microstates in the Human Anterior Thalamus. <i>Journal of Neuroscience</i> , 2021, 41, 5677-5686.	1.7	9
1605	Decreased sample entropy during sleep-to-wake transition in sleep apnea patients. <i>Physiological Measurement</i> , 2021, 42, 044001.	1.2	6
1606	Thermoregulation and Sleep: Functional Interaction and Central Nervous Control. , 2021, 11, 1591-1604.		8
1607	Impaired cerebral microcirculation in isolated REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 1498-1508.	3.7	6
1609	Role of Nutritive Factors in Infants Sleep Management. <i>Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 2021, 20, 316-320.	0.1	0
1610	Orexin (hypocretin) participates in central autonomic regulation during fight-or-flight response. <i>Peptides</i> , 2021, 139, 170530.	1.2	19
1611	fMRI-based detection of alertness predicts behavioral response variability. <i>ELife</i> , 2021, 10, .	2.8	28
1612	Embodiment of sleep-related words: Evidence from event-related potentials. <i>Psychophysiology</i> , 2021, 58, e13824.	1.2	1
1613	Intranasal insulin and orexins to treat age-related cognitive decline. <i>Physiology and Behavior</i> , 2021, 234, 113370.	1.0	15
1614	Functional connectivity of the human hypothalamus during wakefulness and nonrapid eye movement sleep. <i>Human Brain Mapping</i> , 2021, 42, 3667-3679.	1.9	7
1615	Exploring the multifunctional role of melatonin in regulating autophagy and sleep to mitigate Alzheimer's disease neuropathology. <i>Ageing Research Reviews</i> , 2021, 67, 101304.	5.0	30
1616	Comparative Neurology of Circadian Photoreception: The Retinohypothalamic Tract (RHT) in Sighted and Naturally Blind Mammals. <i>Frontiers in Neuroscience</i> , 2021, 15, 640113.	1.4	8
1617	Brain mechanisms underlying neuropsychiatric symptoms in Alzheimer's disease: a systematic review of symptom-general and "specific lesion patterns. <i>Molecular Neurodegeneration</i> , 2021, 16, 38.	4.4	80
1618	To hum or not to hum: Neural transcriptome signature of male courtship vocalization in a teleost fish. <i>Genes, Brain and Behavior</i> , 2021, 20, e12740.	1.1	2
1620	The role of the central histaminergic system in emergence from propofol anesthesia in rats model. <i>Annals of Palliative Medicine</i> , 2021, 10, 6067-6078.	0.5	2

#	ARTICLE	IF	CITATIONS
1621	1,25(OH) ₂ D ₃ attenuates sleep disturbance in mouse models of Lewis lung cancer, in silico and in vivo. <i>Journal of Cellular Physiology</i> , 2021, 236, 7473-7490.	2.0	5
1622	Dissociation of Subjective and Objective Alertness During Prolonged Wakefulness. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 923-932.	1.4	7
1623	Sleep disturbance as a therapeutic target to improve opioid use disorder treatment.. <i>Experimental and Clinical Psychopharmacology</i> , 2022, 30, 1024-1035.	1.3	23
1624	Sleep Disorders in dogs: A Pathophysiological and Clinical Review. <i>Topics in Companion Animal Medicine</i> , 2021, 43, 100516.	0.4	7
1625	Chronic <i>Toxoplasma gondii</i> infection and sleep-wake alterations in mice. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 895-907.	1.9	3
1626	Sleep timing and the circadian clock in mammals: Past, present and the road ahead. <i>Seminars in Cell and Developmental Biology</i> , 2022, 126, 3-14.	2.3	26
1627	Calcitonin receptor signaling in the medial preoptic area enables risk-taking maternal care. <i>Cell Reports</i> , 2021, 35, 109204.	2.9	32
1628	Pathophysiology of Memory Inception and Retrogression and Clock Dependent Divergence in Cognizance. <i>Chronobiology in Medicine</i> , 0, , .	0.2	0
1629	Cellular Effects of Rhynchophylline and Relevance to Sleep Regulation. <i>Clocks & Sleep</i> , 2021, 3, 312-341.	0.9	8
1630	Metabolic alterations of the dorsolateral prefrontal cortex in sleep-related hypermotor epilepsy: A proton magnetic resonance spectroscopy study. <i>Journal of Neuroscience Research</i> , 2021, 99, 2657-2668.	1.3	6
1631	The chronobiology of migraine: a systematic review. <i>Journal of Headache and Pain</i> , 2021, 22, 76.	2.5	14
1632	Eat, sleep, repeat – endocrine regulation of behavioural circadian rhythms. <i>FEBS Journal</i> , 2022, 289, 6543-6558.	2.2	20
1633	Astrocytes in the Ventromedial Hypothalamus Involve Chronic Stress-Induced Anxiety and Bone Loss in Mice. <i>Neural Plasticity</i> , 2021, 2021, 1-16.	1.0	2
1634	Assessing the treatment of cannabidiolic acid methyl ester: a stable synthetic analogue of cannabidiolic acid on c-Fos and NeuN expression in the hypothalamus of rats. <i>Journal of Cannabis Research</i> , 2021, 3, 31.	1.5	2
1635	Modeling the Influence of Chronic Sleep Restriction on Cortisol Circadian Rhythms, with Implications for Metabolic Disorders. <i>Metabolites</i> , 2021, 11, 483.	1.3	9
1636	Prevalence, correlates, and impact of sleep disturbance in Chinese meningioma patients. <i>Supportive Care in Cancer</i> , 2021, , 1.	1.0	2
1637	Advances in the Treatment of Chronic Insomnia: A Narrative Review of New Nonpharmacologic and Pharmacologic Therapies. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 2549-2566.	1.0	22
1638	Restoring the Molecular Clockwork within the Suprachiasmatic Hypothalamus of an Otherwise Clockless Mouse Enables Circadian Phasing and Stabilization of Sleep-Wake Cycles and Reverses Memory Deficits. <i>Journal of Neuroscience</i> , 2021, 41, 8562-8576.	1.7	13

#	ARTICLE	IF	CITATIONS
1639	Treatment of isolated REM sleep behavior disorder using melatonin as a chronobiotic. <i>Journal of Pineal Research</i> , 2021, 71, e12759.	3.4	20
1640	An effective model of endogenous clocks and external stimuli determining circadian rhythms. <i>Scientific Reports</i> , 2021, 11, 16165.	1.6	4
1642	Asymmetric neural dynamics characterize loss and recovery of consciousness. <i>NeuroImage</i> , 2021, 236, 118042.	2.1	20
1643	The aging brain: sleep, the circadian clock and exercise. <i>Biochemical Pharmacology</i> , 2021, 191, 114563.	2.0	21
1644	The NAergic locus coeruleus-ventrolateral preoptic area neural circuit mediates rapid arousal from sleep. <i>Current Biology</i> , 2021, 31, 3729-3742.e5.	1.8	26
1645	Progress in modelling of brain dynamics during anaesthesia and the role of sleep-wake circuitry. <i>Biochemical Pharmacology</i> , 2021, 191, 114388.	2.0	13
1646	Successful Diagnoses and Remarkable Metabolic Disorders in Patients With Solitary Hypothalamic Mass: A Case Series Report. <i>Frontiers in Endocrinology</i> , 2021, 12, 693669.	1.5	0
1647	Why It Is Important to Consider the Effects of Analgesics on Sleep: A Critical Review. , 2021, 11, 2589-2619.		2
1649	Cerebrospinal fluid orexin in Alzheimer's disease: a systematic review and meta-analysis. <i>Sleep Medicine</i> , 2021, 85, 230-238.	0.8	6
1650	Treatment of Circadian Rhythm Sleep-Wake Disorders. <i>Current Neuropharmacology</i> , 2022, 20, 1022-1034.	1.4	9
1651	In utero Exposure to Valproic-Acid Alters Circadian Organisation and Clock-Gene Expression: Implications for Autism Spectrum Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 711549.	1.0	4
1652	Korean Red Ginseng Ameliorates Fatigue via Modulation of 5-HT and Corticosterone in a Sleep-Deprived Mouse Model. <i>Nutrients</i> , 2021, 13, 3121.	1.7	6
1653	Identifying c-fos Expression as a Strategy to Investigate the Actions of General Anesthetics on the Central Nervous System. <i>Current Neuropharmacology</i> , 2022, 20, 55-71.	1.4	4
1655	From circadian clock mechanism to sleep disorders and jet lag: Insights from a computational approach. <i>Biochemical Pharmacology</i> , 2021, 191, 114482.	2.0	10
1656	Sleep and liver disease: a bidirectional relationship. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 850-863.	3.7	36
1657	Effects of transcranial direct current stimulation associated with an aerobic exercise bout on blood pressure and autonomic modulation of hypertensive patients: A pilot randomized clinical trial. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102866.	1.4	1
1658	Auditive beta stimulation as a countermeasure against driver fatigue. <i>PLoS ONE</i> , 2021, 16, e0245251.	1.1	2
1659	P2RX7 in Dopaminergic Neurons of Ventral Periaqueductal Gray Mediates HTWP Acupuncture-Induced Consciousness in Traumatic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 598198.	1.8	8

#	ARTICLE	IF	CITATIONS
1660	Contingent Tunes of Neurochemical Ensembles in the Norm and Pathology: Can We See the Patterns?. <i>Neuropsychobiology</i> , 2021, 80, 101-133.	0.9	13
1661	The neurobiology of cluster headache. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 182, 401-414.	1.0	3
1662	The circadian system in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 301-313.	1.0	3
1663	Impact of neurological diseases. , 2023, , 542-548.		0
1664	Coma, Disorders of Consciousness, and Brain Death. , 2021, , 345-372.		0
1665	Health benefits of dietary chronobiotics: beyond resynchronizing internal clocks. <i>Food and Function</i> , 2021, 12, 6136-6156.	2.1	14
1666	The orexin/hypocretin system in neuropsychiatric disorders: Relation to signs and symptoms. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 180, 343-358.	1.0	6
1667	Functional Neuroanatomy and Mechanism of Sleep. , 2021, , 29-41.		0
1669	Pharmacologic Treatment of Insomnia. , 0, , 2254-2263.		1
1670	Sleep, Circadian Rhythms and Metabolism. , 2011, , 229-255.		2
1671	The Hypothalamus and Its Functions. , 2011, , 191-203.		4
1672	Sleep and Anesthesia: Different States with Shared Pathophysiological Traits. , 2017, , 143-151.		1
1673	Food-Anticipatory Activity: Rat Models and Underlying Mechanisms. <i>Neuromethods</i> , 2013, , 291-317.	0.2	2
1674	Night, Darkness, Sleep, and Cardiovascular Activity. , 2020, , 585-602.		2
1675	Action of Light on the Neuroendocrine Axis. <i>Masterclass in Neuroendocrinology</i> , 2020, , 163-176.	0.1	1
1676	Physiology and Pharmacology of the GABA System: Focus on GABA Receptors. , 2010, , 3-23.		6
1677	Adenosinergic Regulation of Sleepâ€“Wake Behavior in the Basal Ganglia. <i>Current Topics in Neurotoxicity</i> , 2015, , 309-326.	0.4	4
1680	Changing concepts on the role of serotonin in the regulation of sleep and waking. , 2008, , 3-21.		3

#	ARTICLE	IF	CITATIONS
1681	Efferent and afferent connections of the dorsal and median raphe nuclei in the rat. , 2008, , 69-102.		36
1682	Circadian and Light Effects on Human Sleepinessâ€Alertness. , 2014, , 9-22.		11
1684	Polysomnographic findings in craniopharyngioma patients. Sleep and Breathing, 2017, 21, 975-982.	0.9	14
1685	Sleep and Dreaming. , 2009, , 89-107.		7
1686	Sleep Architecture. , 2009, , 11-17.		4
1687	Neurotransmitters and Neuropharmacology of Sleep/Wake Regulations. , 2013, , 395-406.		4
1688	Etiology and Pathogenesis of Insomnia. , 2013, , 177-182.		2
1689	Genetics and Genomic Basis of Sleep in Simple Model Organisms. , 2017, , 281-295.e6.		1
1690	Genetics and Genomic Basis of Sleep in Rodents. , 2017, , 296-309.e5.		2
1691	Serotonergic regulation of hippocampal rhythmical activity. Handbook of Behavioral Neuroscience, 2020, 31, 337-360.	0.7	1
1692	Endocrine Rhythms, the Sleep-Wake Cycle, and Biological Clocks. , 2010, , 199-229.		7
1693	Circadian regulation of sleep in mammals. Current Opinion in Physiology, 2020, 15, 89-95.	0.9	7
1694	Roles of PACAPâ€Containing Retinal Ganglion Cells in Circadian Timing. International Review of Cytology, 2006, 251, 1-39.	6.2	84
1697	Treatment of insomnia: pharmacotherapy. , 0, , 216-232.		1
1698	Circadian Rhythms, Sleep, and the Autonomic Nervous System. Journal of Psychophysiology, 2020, 34, 1-9.	0.3	10
1699	Circadian Rhythms, Sleep, and Aging. Journal of Psychophysiology, 0, , 1-10.	0.3	6
1700	Investigating the temporal dynamics and underlying mechanisms of cognitive fatigue.. , 2011, , 127-147.		29
1701	Unresponsive or just asleep? Do local slow waves in the perilesional cortex have a function?. Brain, 2020, 143, 3513-3515.	3.7	1

#	ARTICLE	IF	CITATIONS
1702	Multimodal Anesthesia and Systems Neuroscience. <i>Anesthesiology</i> , 2008, 109, 948-950.	1.3	9
1703	Propofol Facilitates Glutamatergic Transmission to Neurons of the Ventrolateral Preoptic Nucleus. <i>Anesthesiology</i> , 2009, 111, 1271-1278.	1.3	39
1704	Methylphenidate Actively Induces Emergence from General Anesthesia. <i>Anesthesiology</i> , 2011, 115, 791-803.	1.3	160
1705	Unresponsiveness to Unconsciousness. <i>Anesthesiology</i> , 2012, 116, 946-959.	1.3	371
1713	Neurohormonal and Neuromodulatory Control of Sleep in <i>Drosophila</i> . Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 565-571.	2.0	17
1714	DyNeuMo Mk-2: An Investigational Circadian-Locked Neuromodulator with Responsive Stimulation for Applied Chronobiology. , 2020, 2020, 3433-3440.		29
1715	Endocannabinoid signaling in hypothalamic circuits regulates arousal from general anesthesia in mice. <i>Journal of Clinical Investigation</i> , 2017, 127, 2295-2309.	3.9	39
1717	Alerting or Somnogenic Light: Pick Your Color. <i>PLoS Biology</i> , 2016, 14, e2000111.	2.6	29
1718	Fiber Pathway Pathology, Synapse Loss and Decline of Cortical Function in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e60518.	1.1	12
1719	Histamine-HisCl1 Receptor Axis Regulates Wake-Promoting Signals in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2013, 8, e68269.	1.1	39
1720	The Relationship between Thermoregulation and REM Sleep Behaviour Disorder in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e72661.	1.1	54
1721	Time- and Behavioral State-Dependent Changes in Posterior Hypothalamic GABAA Receptors Contribute to the Regulation of Sleep. <i>PLoS ONE</i> , 2014, 9, e86545.	1.1	15
1722	Neural Circuit Interactions between the Dorsal Raphe Nucleus and the Lateral Hypothalamus: An Experimental and Computational Study. <i>PLoS ONE</i> , 2014, 9, e88003.	1.1	30
1723	A Physiologically Based Model of Orexinergic Stabilization of Sleep and Wake. <i>PLoS ONE</i> , 2014, 9, e91982.	1.1	39
1724	Electroencephalographic Variation during End Maintenance and Emergence from Surgical Anesthesia. <i>PLoS ONE</i> , 2014, 9, e106291.	1.1	86
1725	Widespread Changes in White Matter Microstructure after a Day of Waking and Sleep Deprivation. <i>PLoS ONE</i> , 2015, 10, e0127351.	1.1	71
1726	Functionally Brain Network Connected to the Retrosplenial Cortex of Rats Revealed by 7T fMRI. <i>PLoS ONE</i> , 2016, 11, e0146535.	1.1	12
1727	Altered Circadian Food Anticipatory Activity Rhythms in PACAP Receptor 1 (PAC1) Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0146981.	1.1	14

#	ARTICLE	IF	CITATIONS
1728	Role of REM Sleep, Melanin Concentrating Hormone and Orexin/Hypocretin Systems in the Sleep Deprivation Pre-Ischemia. PLoS ONE, 2017, 12, e0168430.	1.1	23
1729	Obstructive sleep apnea and objective short sleep duration are independently associated with the risk of serum vitamin D deficiency. PLoS ONE, 2017, 12, e0180901.	1.1	42
1730	A New Theory of Gender Dysphoria Incorporating the Distress, Social Behavioral, and Body-Ownership Networks. ENeuro, 2019, 6, ENEURO.0183-19.2019.	0.9	6
1731	Parallel Arousal Pathways in the Lateral Hypothalamus. ENeuro, 2018, 5, ENEURO.0228-18.2018.	0.9	13
1732	Foundations of Human Consciousness: Imaging the Twilight Zone. Journal of Neuroscience, 2021, 41, 1769-1778.	1.7	30
1733	Optogenetics: Solving the Enigma of Sleep. Sleep Medicine Research, 2018, 9, 1-10.	0.2	3
1734	ipRGCs: possible causation accounts for the higher prevalence of sleep disorders in glaucoma patients. International Journal of Ophthalmology, 2017, 10, 1163-1167.	0.5	7
1735	Pharmacological modulation of the state of awareness in patients with Disorders of Consciousness: an Overview. Current Pharmaceutical Design, 2013, 999, 5-6.	0.9	16
1736	A Local, Bottom-Up Perspective on Sleep Deprivation and Neurobehavioral Performance. Current Topics in Medicinal Chemistry, 2011, 11, 2414-2422.	1.0	93
1737	Local Use-Dependent Sleep; Synthesis of the New Paradigm. Current Topics in Medicinal Chemistry, 2011, 11, 2490-2492.	1.0	83
1738	Neurophysiology of Sleep and Wakefulness: Basic Science and Clinical Implications. Current Neuropharmacology, 2008, 6, 367-378.	1.4	230
1739	Circadian Rhythm Disruption and Alzheimer's Disease: The Dynamics of a Vicious Cycle. Current Neuropharmacology, 2020, 19, 248-264.	1.4	22
1740	Radiation-Induced Neuroinflammation and Radiation Somnolence Syndrome. CNS and Neurological Disorders - Drug Targets, 2012, 11, 937-949.	0.8	45
1741	The Role of Saliva Cortisol Measurement in Health and Disease. , 2012, , .		24
1742	The Potential of Melatonin for the Application in Dairy Products. Journal of Milk Science and Biotechnology, 2018, 36, 14-25.	0.3	1
1743	Sleep and geriatric psychopharmacology. , 2008, , 183-193.		4
1744	Physiologic basis of sleep. , 2010, , 1-17.		1
1745	Visual impairment and circadian rhythm disorders. Dialogues in Clinical Neuroscience, 2007, 9, 301-314.	1.8	138

#	ARTICLE	IF	CITATIONS
1746	Circadian clocks, rhythmic synaptic plasticity and the sleep-wake cycle in zebrafish. <i>Frontiers in Neural Circuits</i> , 2013, 7, 9.	1.4	66
1747	Disease and Degeneration of Aging Neural Systems that Integrate Sleep Drive and Circadian Oscillations. <i>Frontiers in Neurology</i> , 2011, 2, 66.	1.1	19
1748	Histamine and motivation. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 51.	1.2	51
1749	Emotional Labor in Health Care: The Moderating Roles of Personality and the Mediating Role of Sleep on Job Performance and Satisfaction. <i>Frontiers in Psychology</i> , 2020, 11, 574898.	1.1	14
1750	Adenosine and Sleep-Wake Regulation. <i>Sheng Wu Wu Li Hsueh Bao</i> , 2011, 27, 5-17.	0.1	2
1751	Amyloid β and tau are involved in sleep disorder in Alzheimer's disease by orexin $1/2A$ and adenosine A(1) receptor. <i>International Journal of Molecular Medicine</i> , 2019, 43, 435-442.	1.8	24
1752	Suvorexant: A Novel Therapy for the Treatment of Insomnia. <i>Journal of Psychosocial Nursing and Mental Health Services</i> , 2014, 52, 23-26.	0.3	2
1753	Recognition and Assessment of Shift Work Disorder. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 248-257.	1.1	2
1754	Understanding the Sleep-Wake Cycle: Sleep, Insomnia, and the Orexin System. <i>Journal of Clinical Psychiatry</i> , 2013, 74, 3-20.	1.1	50
1755	Sleep architecture, insulin resistance and the nasal cycle: Implications for positive airway pressure therapy. <i>Journal of Insulin Resistance</i> , 2018, 3, .	0.6	5
1756	Unpleasant subjective emotional experiencing of pain. <i>Indian Journal of Palliative Care</i> , 2013, 19, 12.	1.0	6
1757	Current understanding on the neurobiology of sleep and wakefulness. <i>International Journal of Clinical and Experimental Physiology</i> , 2014, 1, 3.	0.2	5
1758	Effects of Mental Activity on Hand Skill Rate Performance Ability among Second Grader Medical Students. <i>Open Access Library Journal (oalib)</i> , 2016, 03, 1-6.	0.1	1
1759	The tongue and its control by sleep state-dependent modulators. <i>Archives Italiennes De Biologie</i> , 2011, 149, 406-25.	0.1	18
1760	An Investigation of How Wavelet Transform Can Affect the Correlation Performance of Biomedical Signals. , 2018, , .		2
1761	Why We Sleep: A Hypothesis for an Ultimate or Evolutionary Origin for Sleep and Other Physiological Rhythms. <i>Journal of Circadian Rhythms</i> , 2020, 18, 2.	2.9	8
1762	Psychotropic medications affecting biological rhythm. <i>Journal of Mood Disorders</i> , 2011, 1, 169.	0.1	3
1763	The Role of Nutrients in a Dietary Intervention in Improving Blood Cholesterol Profile and Lowering Cardiovascular Risk. <i>Journal of Basic & Applied Sciences</i> , 0, 10, 96-101.	0.8	5

#	ARTICLE	IF	CITATIONS
1764	Effect of Dexmedetomidine-Induced Sleep Balance Treatment on the Chronic Refractory Primary Insomnia Patients. <i>Journal of Basic & Applied Sciences</i> , 0, 10, 102-109.	0.8	2
1765	Norepinephrine is required to promote wakefulness and for hypocretin-induced arousal in zebrafish. <i>ELife</i> , 2015, 4, e07000.	2.8	97
1766	Sleep-active neuron specification and sleep induction require FLP-11 neuropeptides to systemically induce sleep. <i>ELife</i> , 2016, 5, .	2.8	99
1767	The RFamide receptor DMSR-1 regulates stress-induced sleep in <i>C. elegans</i> . <i>ELife</i> , 2017, 6, .	2.8	55
1768	The role of PDF neurons in setting the preferred temperature before dawn in <i>Drosophila</i> . <i>ELife</i> , 2017, 6, .	2.8	34
1769	Analysis of the NK2 homeobox gene <i>ceh-24</i> reveals sublateral motor neuron control of left-right turning during sleep. <i>ELife</i> , 2017, 6, .	2.8	8
1770	A sleep state in <i>Drosophila</i> larvae required for neural stem cell proliferation. <i>ELife</i> , 2018, 7, .	2.8	45
1771	Analysis of stochastic fluctuations in responsiveness is a critical step toward personalized anesthesia. <i>ELife</i> , 2019, 8, .	2.8	24
1772	Epigenetic Clock and Circadian Rhythms in Stem Cell Aging and Rejuvenation. <i>Journal of Personalized Medicine</i> , 2021, 11, 1050.	1.1	11
1773	Poor Sleep Quality Linked to Decreased Brain Gray Matter Density in Adults with Type 2 Diabetes. <i>Sleep and Vigilance</i> , 2021, 5, 289-297.	0.4	2
1774	Enhancing sleep after training improves memory in down syndrome model mice. <i>Sleep</i> , 2021, , .	0.6	1
1775	A frequency-amplitude coordinator and its optimal energy consumption for biological oscillators. <i>Nature Communications</i> , 2021, 12, 5894.	5.8	9
1777	Brain tumours result in sleep disorders in children and adolescents. <i>Sleep Medicine</i> , 2021, 88, 13-21.	0.8	6
1778	Evaluation of the effects of ketogenic diet therapy on sleep quality in children with drug-resistant epilepsy and their mothers. <i>Epilepsy and Behavior</i> , 2021, 124, 108327.	0.9	6
1779	Neurobiology of Sleep-Wake Control. <i>Su'myeon</i> , 2006, 3, 6-10.	0.2	0
1781	Sleep, Dreams, and States of Consciousness. , 2008, , 623-646.		0
1784	Sleep, Cognition, and Emotion: A Developmental View. , 2008, , .		5
1785	Psychotherapie bei Schlafstörungen. , 2008, , 561-575.		0

#	ARTICLE	IF	CITATIONS
1786	GABAA-benzodiazepine receptors as targets for new hypnotics. , 2008, , 226-239.		0
1788	Rebound with hypnotic medication. , 2008, , 110-115.		0
1789	Benzodiazepines: effects on sleep. , 2008, , 240-242.		0
1790	Humor Processing in Human Narcolepsy with Cataplexy. , 2010, , 115-124.		0
1793	Arousal Neurons in the Brain. , 2009, , 187-200.		0
1794	The Sandman in a Bottle. California Agriculture, 2009, 12, .	0.0	0
1798	DBS Disorders of Consciousness. , 2009, , 2981-2990.		2
1799	The Circadian Clock and the Homeostatic Hourglass: Two Timepieces Controlling Sleep and Wakefulness. , 2010, , 195-228.		1
1800	A continuum model for the dynamics of the phase transition from slow-wave sleep to REM sleep. , 2010, , 203-221.		1
1802	Implications of Histaminergic System in Brain Histamine Dysfunction. , 2010, , 315-335.		2
1803	Sleep-Awake Switch with Spiking Neural P Systems. Inteligencia Artificial, 2010, 14, .	0.5	0
1805	Pharmacology of the GABAAR Receptor Complex. Medical Psychiatry, 2010, , 365-374.	0.2	1
1806	Chronobiology and Sleep. , 2010, , 515-533.		0
1807	Fatigue, Sleep Disorders, and Excessive Sleepiness: Important Factors for Nuclear Power Shift Workers. , 0, , .		0
1808	Functional Anatomy of Wakefulness. Advances in Anatomy, Embryology and Cell Biology, 2011, , 63-109.	1.0	0
1810	A Population Network Model of Neuronal and Neurotransmitter Interactions Regulating Sleepâ€œWake Behavior in Rodent Species. , 2011, , 107-126.		0
1811	Metabolic Influence on the Hypocretin/Orexin Neurons. , 2011, , 211-216.		0
1812	Schlaf und SchlafstÃ¶rungen. , 2011, , 829-838.		0

#	ARTICLE	IF	CITATIONS
1813	Brain Histamine Affects Eating and Drinking Behaviours. , 2011, , 319-336.		0
1814	Histamine in Narcolepsy and Excessive Daytime Sleepiness. , 2011, , 47-60.		0
1815	Sleep Homeostasis, Adenosine, Caffeine, and Narcolepsy. , 2011, , 85-92.		0
1816	Prostaglandin D2: An Endogenous Somnogen. , 2011, , 93-104.		0
1817	Emotional Processing in Narcolepsy. , 2011, , 261-270.		0
1818	The Serotonergic System in Sleep and Narcolepsy. , 2011, , 73-84.		0
1819	Depression in Narcolepsy. , 2011, , 271-279.		0
1820	The Neural Basis of Sleepiness in Narcoleptic Mice. , 2011, , 163-174.		0
1821	The Hypocretins/Orexins: Master Regulators of Arousal and Hyperarousal. , 2011, , 121-128.		0
1822	Secondary Narcolepsy. , 2011, , 321-339.		0
1823	Melatonin and Circadian Rhythms. , 2011, , 61-68.		0
1824	Michael S. Gazzaniga. , 2011, , 100-140.		0
1825	Clock Genes and Energy Metabolism. , 2012, , 13-32.		0
1826	Management of Sleep Disorders – Cognitive Behavioral Therapy for Insomnia. Intelligent Systems, Control and Automation: Science and Engineering, 2012, , 121-136.	0.3	0
1827	Neuronal Oscillations in the Thalamocortical System during Sleeping and Waking States. , 2012, , 1-21.		0
1829	Sleep and Its Disorders in Childhood. , 2012, , 3363-3377.		0
1830	Sleep Disorders Associated with Dementia. , 2012, , 656-665.		2
1831	Epilepsy, Headache, and Sleep-Disordered Breathing. , 2012, , 349-364.		0

#	ARTICLE	IF	CITATIONS
1832	Douleur et sommeil. , 2012, , 459-466.		0
1833	Clinical and Polysomnographic Comparison between Narcolepsy without Cataplexy and Idiopathic Hypersomnia. <i>Sleep Medicine Research</i> , 2012, 3, 39-44.	0.2	0
1834	Current and Emerging Pharmacotherapies in the Management of Insomnia in Adults. <i>Clinical Medicine Reviews in Therapeutics</i> , 0, 5, 11-23.	0.4	0
1836	Benzodiazepine Receptor Agonists and Sleep. , 2013, , 611-616.		0
1837	Voeding en de biologische klok. , 2013, , 1039-1055.		0
1838	Medications that Disrupt Sleep. , 2013, , 634-638.		0
1839	Hypersomnia: Etiologies. , 2013, , 377-382.		0
1840	Hypnotic Substances and Medications. , 2013, , 602-605.		0
1841	Diagnostic Tools for Hypersomnias. , 2013, , 498-505.		0
1842	Sleep and Anesthesia. , 2013, , 704-710.		1
1843	Melatonergic Drug: Ramelteon and Its Therapeutic Applications in Insomnia. , 2014, , 343-352.		0
1844	Melatonin and Its Agonists in Sleep Disorders. , 2014, , 263-273.		0
1845	A Case of Suspicious Encephalitis Lethargica Accompanied by Visual Acuity Decrement. <i>Journal of Neurological Disorders</i> , 2014, 02, .	0.1	0
1846	Neurophysiology of Sleep and Wakefulness. , 2014, , 23-41.		1
1848	Possible Role of Exogenous Melatonin and Melatonin-Receptor-Agonists in the Treatment of Menopause-Associated Sleep Disturbances. <i>Open Journal of Obstetrics and Gynecology</i> , 2014, 04, 309-320.	0.1	0
1850	A Time to Wake, a Time to Sleep. , 2015, , 197-217.		1
1851	Visual Perceptual Learning and Sleep. , 2015, , 343-357.		1
1852	Disorders of Sleep and Cardiovascular Disease. , 2015, , 1-25.		0

#	ARTICLE	IF	CITATIONS
1854	Narcolepsy and Idiopathic Hypersomnia. , 2015, , 259-287.		0
1855	Hypothalamic Structure-Function Relationships~†. , 2015, , .		0
1857	Narcolepsy~€“Cataplexy Syndrome and Symptomatic Hypersomnia. , 2015, , 205-221.		0
1858	What can we learn about sleep bruxism from sleep medicine?. Annals of Japan Prosthodontic Society, 2016, 8, 145-152.	0.0	0
1859	Melatonin as a Chronobiotic That Opens the ~€œGates of Sleep~€• The 1990s. , 2016, , 131-154.		0
1860	Molecular Biomarkers for Diagnosis & Therapies of Alzheimer~€™s Disease. AIMS Neuroscience, 2016, 3, 433-453.	1.0	0
1861	Sleep Regulation and Insomnia. , 2016, , 2289-2316.		1
1862	Elementary Central Nervous System Arousal. , 2016, , 2555-2586.		0
1863	Schlafst~¶rungen in der Psychiatrie und Psychotherapie. , 2016, , 1-42.		0
1866	Schlaf und Schlafst~¶rungen. , 2017, , 819-828.		0
1868	Mechanisms of POD and POCD: Effects of Anesthetics. , 2017, , 133-150.		0
1869	Hypersomnolence: Impact of Neurological Diseases~†. , 2017, , .		0
1870	Concepts of Neurophysiological Factors in the Central Regulatory Mechanism of Non-Rapid Eye Movement Sleep: A Review. , 2017, 06, .		0
1872	Gesamtliteraturverzeichnis. , 2017, , 1-153.		0
1873	A Sleep Primer for Military Psychologists. , 2017, , 239-258.		1
1874	Narcolepsy and Idiopathic Hypersomnia. , 2017, , 697-711.		1
1875	Die Kultur des Schlafens: R~¼ckschau, Gebet, Meditation. Der Merkurstab, 2017, 70, 26-33.	0.0	0
1876	Hypothalamus. , 2017, , 1-6.		0

#	ARTICLE	IF	CITATIONS
1878	Traitement de l'insomnie. , 2018, , 637-645.e1.		0
1879	Sleep as a Mediator of mTBI and PTSD. , 2018, , 25-32.		0
1881	Efficacy of Sleep Special Technique on Young Healthy Yoga Practitioners. Indian Journal of Sleep Medicine, 2018, 13, 42-47.	0.2	2
1882	Hypothalamus. , 2018, , 1762-1767.		0
1884	A Case of Circadian Rhythm Sleep-Wake Disorder in Partial Blindness. Journal of Sleep Medicine, 2018, 15, 31-34.	0.4	0
1887	Cancer Survivors. , 2019, , 281-286.		0
1888	Physiological Sleep and Cardiovascular Disease. , 2019, , 1-13.		0
1889	Brain Connectivity Reduction Reflects Disturbed Self-Organisation of the Brain: Neural Disorders and General Anaesthesia. Springer Series in Cognitive and Neural Systems, 2019, , 207-218.	0.1	0
1890	Cerebral Resuscitation After Cardiac Arrest. , 2019, , 411-420.		0
1891	Theories of REM and NREM Sleep. , 2019, , 99-120.		0
1893	Characteristics of REM and NREM Dreams. , 2019, , 155-170.		0
1894	Expression of Sleep across the Human Lifespan. , 2019, , 40-59.		0
1895	What Is Sleep?. , 2019, , 3-27.		0
1896	Dreams across the Human Lifespan. , 2019, , 138-154.		0
1899	From Biological Rhythms to the Sleep Cycle. , 2019, , 28-39.		0
1900	Characteristics of REM and NREM Sleep. , 2019, , 60-77.		0
1902	Dream Varieties. , 2019, , 171-193.		0
1905	Theories of Dreaming. , 2019, , 194-207.		0

#	ARTICLE	IF	CITATIONS
1907	What Are Dreams?. , 2019, , 123-137.		0
1909	Sleepâ€“Wake Disorders. , 2019, , .		0
1910	Sleepâ€“Wake Disorders. , 2019, , .		0
1916	Circadian Rhythms and Social Media Information-Sharing. Lecture Notes in Information Systems and Organisation, 2020, , 1-11.	0.4	1
1918	Sporcularda Uyku Kalitesi ve Beslenme YaklaŒmlarÄ±. CBœ Beden EŒitimi Ve Spor Bilimleri Dergisi, 0, , 188-198.	0.1	0
1919	Die normale Schlafphysiologie. , 2020, , 5-19.		0
1920	Neurophysiological control of sleep with special emphasis on melatonin. Trakia Journal of Sciences, 2020, 18, 355-376.	0.0	1
1921	Gender dysphoria: Definitions, classifications, neurobiological profiles and clinical treatments. International Journal of Sexual and Reproductive Health Care, 2020, 3, 042-050.	0.1	17
1922	Neurobiology and Neuroprotective Benefits of Sleep. CONTINUUM Lifelong Learning in Neurology, 2020, 26, 848-870.	0.4	7
1924	The inescapable drive to sleep: Overlapping mechanisms of sleep and sedation. Science, 2021, 374, 556-559.	6.0	34
1925	The Reticular Formation and the Neuromodulatory Systems. , 2020, , 257-307.		1
1926	Physiological Sleep and Cardiovascular Disease. , 2020, , 561-573.		0
1930	Planning sleep-related animal and translational research. , 2023, , 603-613.		0
1932	Sleep Oscillations and Aging. , 2020, , 223-247.		1
1933	Uhren und Schlaf â€“ nicht das gleiche, aber eng miteinander verbunden. , 2020, , 139-157.		0
1934	Motives of Alcohol- and/or Tobacco-Addicted Patients to Seek Medical Help. , 2020, , 129-180.		0
1935	An Overview of Roles of the Basal Ganglia in Sleep-Wake Regulation. , 2020, , 9-15.		0
1936	Geschichte der Schlafmedizin. , 2020, , 53-64.		0

#	ARTICLE	IF	CITATIONS
1937	The relationship of sleep mechanisms and epileptogenesis. <i>AlĖ¹manah KliniÄeskoj Mediciny</i> , 2020, 48, 44-55.	0.2	0
1938	Overview of physiological processes during sleep. , 2021, , .		1
1939	Vitamin D in obstructive sleep apnea syndrome follow up and treatment: A study of 482 cases. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2021, 18, 63-69.	0.1	0
1940	The Sleep-Wake System and Alzheimer's Disease. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 0, , 339-365.	0.1	0
1941	The Biological Clock in Inflammation and Sleep Switch Alterations. , 2007, , 87-96.		1
1942	Immune Signaling to Brain: Mechanisms and Potential Pathways Influencing Sleep. , 2007, , 119-131.		0
1945	Food-Anticipatory Activity: Rat Models and Underlying Mechanisms. <i>Neuromethods</i> , 2021, , 335-362.	0.2	0
1946	Role of Lifestyle in Neuroplasticity and Neurogenesis in an Aging Brain. <i>Cureus</i> , 2020, 12, e10639.	0.2	5
1949	Sleep in Elderly Adults and in Subjects with Dementia. , 2021, , 289-300.		2
1950	Neurobiology of Insomnia. , 2021, , 91-109.		1
1952	The Gordon Wilson Lecture: work hours, sleep and patient safety in residency training. <i>Transactions of the American Clinical and Climatological Association</i> , 2006, 117, 159-88.	0.9	25
1954	A twin study of sleep duration and body mass index. <i>Journal of Clinical Sleep Medicine</i> , 2010, 6, 11-7.	1.4	45
1957	Melatonin in aging and disease -multiple consequences of reduced secretion, options and limits of treatment. , 2012, 3, 194-225.		68
1958	Intra-ventrolateral preoptic nucleus injection of $\hat{1}^3$ -aminobutyric acid induces sedation in rats. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2012, 4, 94-8.	0.8	3
1959	TRANSLATION OF BRAIN ACTIVITY INTO SLEEP. <i>Hirosaki Medical Journal</i> , 2012, 63, S1-S16.	1.0	4
1961	The regulation of sleep and wakefulness by the hypothalamic neuropeptide orexin/hypocretin. <i>Nagoya Journal of Medical Science</i> , 2013, 75, 29-36.	0.6	27
1962	Neuroendocrine, Autonomic, and Metabolic Responses to an Orexin Antagonist, Suvorexant, in Psychiatric Patients with Insomnia. <i>Innovations in Clinical Neuroscience</i> , 2017, 14, 30-37.	0.1	8
1963	A Rhythmic Gene Entrained to Midnight May Regulate Photoperiod-Controlled Flowering in. <i>Yale Journal of Biology and Medicine</i> , 2019, 92, 213-223.	0.2	0

#	ARTICLE	IF	CITATIONS
1964	Peripheral Circadian Oscillators. <i>Yale Journal of Biology and Medicine</i> , 2019, 92, 327-335.	0.2	17
1965	Development of a new night-time noise index: Integration of neurophysiological theory and epidemiological findings. <i>Noise and Health</i> , 2020, 22, 1-9.	0.4	2
1966	Sleep Fragmentation and Atherosclerosis: is There a Relationship?. <i>Missouri Medicine</i> , 2021, 118, 272-276.	0.3	0
1967	Cluster headache and pain: Features and treatments. , 2022, , 93-104.		0
1968	Arousal effect and potential mechanism of dopamine-mediated acupuncture on traumatic brain injury. , 2021, 1, 22-30.		3
1969	Determining the Optimal Sleep Pattern to Promote Glymphatic Clearance of Amyloid-Beta in Individuals at Risk for Alzheimer's Disease: A Research Protocol. , 2021, 5, 1-9.		0
1970	Ion concentrations in cerebrospinal fluid in wakefulness, sleep and sleep deprivation in healthy humans. <i>Journal of Sleep Research</i> , 2022, 31, e13522.	1.7	2
1972	Catching wandering minds with tapping fingers: neural and behavioral insights into task-unrelated cognition. <i>Cerebral Cortex</i> , 2022, 32, 4447-4463.	1.6	6
1973	Pathogen Invasion Reveals the Differential Plasticity and Fate of Resident and Recruited Brain Macrophages During the Onset and Resolution of Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1974	The Dynamics of Servant Leadership: Sleep, Daily Servant Leadership and Employee Work Engagement. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1975	Alterations in the structural covariance network of the hypothalamus in patients with narcolepsy. <i>Neuroradiology</i> , 2022, 64, 1351-1357.	1.1	2
1976	Etiologies of insomnia in Parkinson's disease â€“ Lessons from human studies and animal models. <i>Experimental Neurology</i> , 2022, 350, 113976.	2.0	16
1977	Altered sleep intensity upon DBS to hypothalamic sleepâ€“wake centers in rats. <i>Translational Neuroscience</i> , 2021, 12, 611-625.	0.7	1
1978	Endocrinology, Sleep, and Circadian Rhythms. , 2022, , 90-98.		0
1979	Timing is everything: Circadian rhythms and their role in the control of sleep. <i>Frontiers in Neuroendocrinology</i> , 2022, 66, 100978.	2.5	10
1980	Sleep Disturbances and Depression Are Co-morbid Conditions: Insights From Animal Models, Especially Non-human Primate Model. <i>Frontiers in Psychiatry</i> , 2021, 12, 827541.	1.3	3
1981	Ensemble of coupling forms and networks among brain rhythms as function of states and cognition. <i>Communications Biology</i> , 2022, 5, 82.	2.0	10
1982	Sleep and homeostatic control of plasticity. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022, 184, 53-72.	1.0	31

#	ARTICLE	IF	CITATIONS
1983	Striatal neurons expressing dopamine D1 receptor promote wakefulness in mice. <i>Current Biology</i> , 2022, 32, 600-613.e4.	1.8	17
1984	Sleep and Substance-Use Disorder. , 2022, , 435-464.		2
1986	Synaptic dysfunction connects autism spectrum disorder and sleep disturbances: A perspective from studies in model organisms. <i>Sleep Medicine Reviews</i> , 2022, 62, 101595.	3.8	10
1987	Sleep-Wake Rhythm and Oscillatory Pattern Analysis in a Multiple Hit Schizophrenia Rat Model (Wisket). <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 799271.	1.0	2
1988	Computerized Analysis of Antepartum Cardiotocography: A Review. <i>Maternal-Fetal Medicine</i> , 2022, 4, 130-140.	0.4	5
1990	A Growing Link between Circadian Rhythms, Type 2 Diabetes Mellitus and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 504.	1.8	22
1991	Reduced left lateralized functional connectivity of the thalamic subregions between short-term and chronic insomnia disorder. <i>Sleep and Biological Rhythms</i> , 2022, 20, 229.	0.5	1
1992	Functional connectome of arousal and motor brainstem nuclei in living humans by 7 Tesla resting-state fMRI. <i>NeuroImage</i> , 2022, 249, 118865.	2.1	20
1993	Alerting effects of light in healthy individuals: a systematic review and meta-analysis. <i>Neural Regeneration Research</i> , 2022, 17, 1929.	1.6	9
1995	Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. <i>Cell Stem Cell</i> , 2022, 29, 328-343.e5.	5.2	15
1996	Sleep and anesthesia. , 2021, , .		0
1997	Autonomic Dysfunction in Sleep Disorders: From Neurobiological Basis to Potential Therapeutic		

#	ARTICLE	IF	CITATIONS
2004	Sleep-Related Breathing Complaints in Chronic Obstructive Pulmonary Disease. <i>Sleep Medicine Clinics</i> , 2022, 17, 99-109.	1.2	2
2005	The Influence of Ketone Bodies on Circadian Processes Regarding Appetite, Sleep and Hormone Release: A Systematic Review of the Literature. <i>Nutrients</i> , 2022, 14, 1410.	1.7	14
2006	The Effects of Light and the Circadian System on Rhythmic Brain Function. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2778.	1.8	24
2007	Circadian Variation of Migraine Attack Onset Affects fMRI Brain Response to Fearful Faces. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 842426.	1.0	2
2008	Calcium, Magnesium, Potassium, and Sodium Oxybates Oral Solution: A Lower-Sodium Alternative for Cataplexy or Excessive Daytime Sleepiness Associated with Narcolepsy. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 531-546.	1.4	3
2009	Effects of TS-142, a novel dual orexin receptor antagonist, on sleep in patients with insomnia: a randomized, double-blind, placebo-controlled phase 2 study. <i>Psychopharmacology</i> , 2022, 239, 2143-2154.	1.5	3
2010	Circadian rhythm in epilepsy: A brief note on clock gene expression. <i>IP Indian Journal of Anatomy and Surgery of Head Neck and Brain</i> , 2022, 8, 8-11.	0.1	0
2011	Median preoptic GABA and glutamate neurons exert differential control over sleep behavior. <i>Current Biology</i> , 2022, 32, 2011-2021.e3.	1.8	5
2012	Sleep Dysfunction and Grey Matter Volume. <i>Current Neurology and Neuroscience Reports</i> , 2022, 22, 275-283.	2.0	5
2013	Deficiency of autism-related Scn2a gene in mice disrupts sleep patterns and circadian rhythms. <i>Neurobiology of Disease</i> , 2022, 168, 105690.	2.1	14
2014	Hypersomnia and excessive daytime sleepiness in ischemic stroke. <i>Arterial Hypertension (Russian)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	1
2015	Validation of the Thyrotoxicosis-associated Insomnia Model Induced by Thyroxine through Sympathetic Stimulation: Face, Construct and Predictive Perspectives. <i>Experimental Neurobiology</i> , 2021, 30, 387-400.	0.7	3
2016	Self-reported regular daytime napping is associated with indicators of poor type 2 diabetes control: A cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 737-741.	2.2	4
2017	Circadian Rhythm Effects on the Molecular Regulation of Physiological Systems. , 2021, 12, 2769-2798.		5
2018	Methylmercury plus Ethanol Exposure: How Much Does This Combination Affect Emotionality?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13131.	1.8	2
2019	The Expression of the Low-Density Lipoprotein Receptor Modulates the Effects of Hypogonadism on Mitochondrial Activity in Different Brain Domains. <i>Androgens: Clinical Research and Therapeutics</i> , 2021, 2, 160-170.	0.2	0
2020	Sleep as a random walk: a super-statistical analysis of EEG data across sleep stages. <i>Communications Biology</i> , 2021, 4, 1385.	2.0	12
2021	Alcohol Abuse and Insomnia Disorder: Focus on a Group of Night and Day Workers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13196.	1.2	13

#	ARTICLE	IF	CITATIONS
2023	Sleep restriction alters cortical inhibition in migraine: A transcranial magnetic stimulation study. <i>Clinical Neurophysiology</i> , 2022, 139, 28-42.	0.7	5
2024	Hyperthermia and Heat Stress as Risk Factors for Sudden Infant Death Syndrome: A Narrative Review. <i>Frontiers in Pediatrics</i> , 2022, 10, 816136.	0.9	10
2025	The role of monoaminergic neurons in modulating respiration during sleep and the connection with SUDEP. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112983.	2.5	7
2026	Brain tumors, infections, and other CNS causes of sleepiness. , 2011, , 351-363.		0
2027	Alertness Level. , 2008, , 75-77.		0
2028	Sleep States. , 2009, , 3730-3732.		0
2029	Sleep-Wake Cycle. , 2009, , 3736-3738.		0
2031	Ventrolateral Preoptic Nucleus. , 2009, , 4174-4176.		0
2034	Insomnia disorder: State of the science and challenges for the future. <i>Journal of Sleep Research</i> , 2022, 31, .	1.7	77
2035	Differential effects of psychological and physical stress on the sleep pattern in rats. <i>Acta Medica Okayama</i> , 2007, 61, 319-27.	0.1	7
2036	Rats with minimal hepatic encephalopathy show reduced cGMP-dependent protein kinase activity in hypothalamus correlating with circadian rhythms alterations. <i>Chronobiology International</i> , 2015, 32, 966-79.	0.9	6
2038	Calculation of the physiologically developed nighttime noise index from existing noise indices. <i>Noise and Health</i> , 2021, 23, 75-80.	0.4	0
2039	Bruxism and nocturnal groaning. <i>Archives Italiennes De Biologie</i> , 2011, 149, 467-77.	0.1	10
2040	Neurotransmitters and neuropharmacology of sleep/wake regulations. , 2022, , .		0
2041	Circadian rhythmicity of pain sensitivity in humans. <i>Brain</i> , 2022, 145, 3225-3235.	3.7	20
2042	Recurrent circadian circuitry regulates central brain activity to maintain sleep. <i>Neuron</i> , 2022, 110, 2139-2154.e5.	3.8	13
2043	Determinants of adolescent sleep: Early family environment, obstetric factors, and emotion regulation. <i>Journal of Applied Developmental Psychology</i> , 2022, 80, 101420.	0.8	1
2044	How an Understanding of the Function of the Locus Coeruleus Led to Use of Dexmedetomidine to Treat Agitation in Bipolar Disorder: Example of Rational Development of Psychiatric Medications. <i>Journal of Psychiatric Practice</i> , 2022, 28, 227-233.	0.3	6

#	ARTICLE	IF	CITATIONS
2045	The role of astrocyte structural plasticity in regulating neural circuit function and behavior. <i>Glia</i> , 2022, 70, 1467-1483.	2.5	33
2047	Erenumab Impact on Sleep Assessed With Questionnaires and Home-Polysomnography in Patients With Migraine: The ERESO Study. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	3
2050	Hypersomnias in children. , 2022, , .		0
2051	Long-Term Effect of a Single Dose of Caffeine on Sleep, the Sleep EEG and Neuronal Activity in the Peduncular Part of the Lateral Hypothalamus under Constant Dark Conditions. <i>Clocks & Sleep</i> , 2022, 4, 260-276.	0.9	5
2052	Sleep-wake and arousal dysfunctions in post-traumatic stress disorder: Role of orexin systems. <i>Brain Research Bulletin</i> , 2022, 186, 106-122.	1.4	17
2054	Interictal sleep recordings during presurgical evaluation: Bidirectional perspectives on sleep related network functioning. <i>Revue Neurologique</i> , 2022, 178, 703-713.	0.6	1
2055	A developmental switch between electrical and neuropeptide communication in the ventromedial hypothalamus. <i>Current Biology</i> , 2022, 32, 3137-3145.e3.	1.8	5
2058	Thalamic-insomnia phenotype in E200K Creutzfeldtâ€™Jakob disease: A PET/MRI study. <i>NeuroImage: Clinical</i> , 2022, 35, 103086.	1.4	0
2059	Somatic Genetics Analysis of Sleep in Adult Mice. <i>Journal of Neuroscience</i> , 2022, 42, 5617-5640.	1.7	6
2060	Frontal white matter association with sleep quality and the role of stress. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	5
2061	The orexin story, sleep and sleep disturbances. <i>Journal of Sleep Research</i> , 2022, 31, .	1.7	24
2062	Rest-activity rhythms and tract specific white matter lesions in older adults at risk for cognitive decline. <i>Molecular Psychiatry</i> , 2022, 27, 3410-3416.	4.1	3
2064	A Century Searching for the Neurons Necessary for Wakefulness. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	9
2065	Orexin-A Reverse Bone Mass Loss Induced by Chronic Intermittent Hypoxia Through OX1R-Nrf2/HIF-1 β Pathway. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 2145-2160.	2.0	2
2066	Physiological Role of Orexinergic System for Health. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8353.	1.2	18
2067	New determinants of mental health: the role of noise pollution. A narrative review. <i>International Review of Psychiatry</i> , 2022, 34, 783-796.	1.4	9
2068	Sex Hormones, Sleep, and Memory: Interrelationships Across the Adult Female Lifespan. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	10
2070	The Molecular Relationship between Stress and Insomnia. <i>Advanced Biology</i> , 2022, 6, .	1.4	6

#	ARTICLE	IF	CITATIONS
2071	Sleep dysregulation in sympathetic-mediated diseases: implications for disease progression. <i>Sleep</i> , 2022, 45, .	0.6	1
2072	Integrated Proteomics and Metabolomics Analysis in Pregnant Rat Hippocampus After Circadian Rhythm Inversion. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	0
2073	Bifurcations of Sleep Patterns due to Homeostatic and Circadian Variation in a Sleep-Wake Flip-Flop Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2022, 21, 1893-1929.	0.7	3
2075	The role of sleep state and time of day in modulating breathing in epilepsy: implications for sudden unexpected death in epilepsy. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	4
2077	Research advances in the study of sleep disorders, circadian rhythm disturbances and Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
2078	Deciphering clock genes as emerging targets against aging. <i>Ageing Research Reviews</i> , 2022, 81, 101725.	5.0	10
2079	The association of work-related extended availability with recuperation, well-being, life domain balance and work: A meta-analysis. <i>Organizational Psychology Review</i> , 2022, 12, 387-427.	3.0	11
2080	Keep Your Mask On: The Benefits of Masking for Behavior and the Contributions of Aging and Disease on Dysfunctional Masking Pathways. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
2081	Single-cell transcriptomics and cell-specific proteomics reveals molecular signatures of sleep. <i>Communications Biology</i> , 2022, 5, .	2.0	16
2082	Central Thalamic Contributions to Arousal Regulation. , 2022, , 382-400.		0
2083	FLUORO-DOPA pattern in Kleine Levin syndrome. <i>IP Indian Journal of Neurosciences</i> , 2022, 8, 208-211.	0.0	0
2084	The microbiota-gut-brain axis in sleep disorders. <i>Sleep Medicine Reviews</i> , 2022, 65, 101691.	3.8	43
2085	Characteristics of Sleep in Critically Ill Patients: Part II: Circadian Rhythm Disruption. , 2022, , 15-36.		0
2086	Core Body Temperature Varies According to the Time of Exercise Without Affecting Orexin-A Production in the Dorsolateral Hypothalamus in Rat. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2087	Sleep, Sirtuin 1 and Alzheimer's disease: A review. <i>Aging Brain</i> , 2022, 2, 100050.	0.7	3
2088	The role of ascending arousal network in patients with chronic insomnia disorder. <i>Human Brain Mapping</i> , 2023, 44, 484-495.	1.9	7
2089	Exploring the neurobiology of the premonitory phase of migraine preclinically – a role for hypothalamic kappa opioid receptors?. <i>Journal of Headache and Pain</i> , 2022, 23, .	2.5	3
2091	Precision Medicine for Idiopathic Hypersomnia. <i>Sleep Medicine Clinics</i> , 2022, 17, 379-398.	1.2	6

#	ARTICLE	IF	CITATIONS
2092	Chronobiology of epilepsy and sudden unexpected death in epilepsy. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
2093	Effects of Adenosine on the Sleep-Wake Cycle. <i>Journal of Turkish Sleep Medicine</i> , 2022, 9, 190-198.	0.2	0
2094	Median Nerve Stimulation Attenuates Traumatic Brain Injuryâ€œInduced Comatose State by Regulating the Orexin-A/RasGRF1 Signaling Pathway. <i>World Neurosurgery</i> , 2022, 168, e19-e27.	0.7	2
2095	Prescription Drugs Used in Insomnia. <i>Sleep Medicine Clinics</i> , 2022, 17, 315-328.	1.2	2
2096	Endocrine biomarkers related to sleep-wake cycle and sleep disturbances in patients with bipolar disorder: A systematic review. <i>European Journal of Psychiatry</i> , 2022, , .	0.7	0
2097	Role of the paraventricular nucleus of the hypothalamus in sleepâ€œwake regulation. <i>Brain Science Advances</i> , 2022, 8, 197-209.	0.3	3
2098	Diet-induced obesity leads to sleep fragmentation independently of the severity of sleep-disordered breathing. <i>Journal of Applied Physiology</i> , 2022, 133, 1284-1294.	1.2	5
2099	Sleep Regulation and Insomnia. , 2022, , 2627-2654.		0
2100	Elementary Central Nervous System Arousal. , 2022, , 2913-2944.		0
2101	Transient Decrease in Quality of Sleep after Minimally Invasive Surgery: A Case Study. <i>International Journal of Affective Engineering</i> , 2022, , .	0.2	0
2103	Differential plasticity and fate of brain-resident and recruited macrophages during the onset and resolution of neuroinflammation. <i>Immunity</i> , 2022, 55, 2085-2102.e9.	6.6	40
2104	Artificial sleep-like up/down-states induce synaptic plasticity in cortical neurons from mouse brain slices. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	1
2105	General anesthesia and sleep: like and unlike. <i>Anesthesia and Pain Medicine</i> , 2022, 17, 343-351.	0.5	2
2106	NREMâ€œREM alternation complicates transitions from napping to non-napping behavior in a three-state model of sleepâ€œwake regulation. <i>Mathematical Biosciences</i> , 2023, 355, 108929.	0.9	3
2107	Optogenetic induction of hibernation-like state with modified human Opsin4 in mice. <i>Cell Reports Methods</i> , 2022, 2, 100336.	1.4	8
2108	Cubicâ€œquadratic model for brain dynamics and its coupling synchronization during sleep and wake. <i>Nonlinear Dynamics</i> , 0, , .	2.7	0
2109	Modulation effect of low-intensity transcranial ultrasound stimulation on REM and NREM sleep. <i>Cerebral Cortex</i> , 2023, 33, 5238-5250.	1.6	1
2110	REM sleep is associated with distinct global cortical dynamics and controlled by occipital cortex. <i>Nature Communications</i> , 2022, 13, .	5.8	13

#	ARTICLE	IF	CITATIONS
2111	Association analyses of the autosomal genome and mitochondrial DNA with accelerometry-derived sleep parameters in depressed UK biobank subjects. <i>Journal of Psychiatric Research</i> , 2022, , .	1.5	0
2112	Computational model of the alerting function in attention. <i>Cognitive Systems Research</i> , 2023, 77, 226-237.	1.9	1
2113	Functional Organization of the Brain. , 2022, , 217-241.		0
2114	Effect of food cues on time perception: influence of calories and diet control. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
2115	Selenium in Bodily Homeostasis: Hypothalamus, Hormones, and Highways of Communication. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15445.	1.8	14
2116	Divergent Neural Activity in the VLPO During Anesthesia and Sleep. <i>Advanced Science</i> , 2023, 10, .	5.6	7
2117	Long-Term Safety and Tolerability of Daridorexant in Patients with Insomnia Disorder. <i>CNS Drugs</i> , 2023, 37, 93-106.	2.7	20
2118	The role of calcium and CaMKII in sleep. <i>Frontiers in Systems Neuroscience</i> , 0, 16, .	1.2	1
2119	Melatonin and melatonergic drugs in sleep disorders. <i>Translational and Clinical Pharmacology</i> , 2022, 30, 163.	0.3	7
2120	The Hypothalamus. , 2022, , 301-340.		0
2121	GABAergic neurons in the dorsomedial hypothalamus regulate states of consciousness in sevoflurane anesthesia. <i>IScience</i> , 2023, 26, 105913.	1.9	1
2122	Serotonergic neurons control cortical neuronal intracellular energy dynamics by modulating astrocyte-neuron lactate shuttle. <i>IScience</i> , 2023, 26, 105830.	1.9	3
2123	Metabotropic glutamate receptor function and regulation of sleep-wake cycles. <i>International Review of Neurobiology</i> , 2023, , .	0.9	1
2124	Application of Transcranial Direct Current Stimulation in Sleep Disturbances. <i>Chronobiology in Medicine</i> , 2022, 4, 141-151.	0.2	1
2125	The impact of insomnia on frailty and the hallmarks of aging. <i>Aging Clinical and Experimental Research</i> , 2023, 35, 253-269.	1.4	6
2126	Sedative Properties of Dexmedetomidine Are Mediated Independently from Native Thalamic Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel Function at Clinically Relevant Concentrations. <i>International Journal of Molecular Sciences</i> , 2023, 24, 519.	1.8	3
2127	Pathogenesis of Dementia. <i>International Journal of Molecular Sciences</i> , 2023, 24, 543.	1.8	17
2128	Benzodiazepine receptor agonists and sleep. , 2013, , 325-331.		0

#	ARTICLE	IF	CITATIONS
2129	Basic sleep-wake mechanisms. , 2013, , 91-98.		0
2130	Generation of positive - negative emotional experiences and expressions through cognitive molding of drive. Journal of Psychology & Clinical Psychiatry, 2019, 10, 60-64.	0.0	1
2131	Live and die - develop a mind within, while living, using which one learns to create ideas, functional systems, and knowledge; and die later, when the mind ceases to be present. Journal of Psychology & Clinical Psychiatry, 2019, 10, 234-239.	0.0	0
2132	Natural selection versus neutral mutation in the evolution of subterranean life: A false dichotomy?. Frontiers in Ecology and Evolution, 0, 11, .	1.1	4
2133	Sublingual dexmedetomidine: repurposing an anesthetic as an anti-agitation agent. Expert Review of Neurotherapeutics, 2023, 23, 97-106.	1.4	0
2134	Current Perspective on the Role of the Circadian Clock and Extracellular Matrix in Chronic Lung Diseases. International Journal of Environmental Research and Public Health, 2023, 20, 2455.	1.2	2
2135	Be prepared: Does psychological reattachment buffer the effect of a bad night's sleep on day-specific work engagement and proactivity?. Journal of Occupational and Organizational Psychology, 2023, 96, 287-307.	2.6	1
2136	Sleep Quality and Cognitive Function after Stroke: The Mediating Roles of Depression and Anxiety Symptoms. International Journal of Environmental Research and Public Health, 2023, 20, 2410.	1.2	3
2137	Metabolism, homeostasis, and aging. Trends in Endocrinology and Metabolism, 2023, 34, 158-169.	3.1	11
2138	Circadian circuits. , 2023, , 497-533.		0
2139	Targeting Orexin Receptors for the Treatment of Insomnia: From Physiological Mechanisms to Current Clinical Evidence and Recommendations. Nature and Science of Sleep, 0, Volume 15, 17-38.	1.4	11
2140	The role of baseline insomnia in moderating the hypnotic properties of quetiapine. Addictive Behaviors, 2023, 140, 107622.	1.7	1
2141	Sleep Bruxism, an Autonomic Self-Regulating Response by Triggering the Trigeminal Cardiac Reflex. Journal of the California Dental Association, 2012, 40, 670-676.	0.0	23
2142	Sleep in Disorders of Consciousness: A Brief Overview on a Still under Investigated Issue. Brain Sciences, 2023, 13, 275.	1.1	2
2143	FMRP binds Per1 mRNA and downregulates its protein expression in mice. Molecular Brain, 2023, 16, .	1.3	1
2144	Protocol for a pilot and feasibility randomized-controlled trial of four weeks of oral $\hat{3}$ -aminobutyric acid (GABA) intake and its effect on pain and sleep in middle-to-older aged adults. Contemporary Clinical Trials Communications, 2023, 32, 101066.	0.5	0
2145	Sleep Disturbances in Adolescents With Idiopathic Intracranial Hypertension. Pediatric Neurology, 2023, 142, 39-46.	1.0	1
2146	Optimising recovery of consciousness after coma. From bench to bedside and vice versa. Presse Medicale, 2023, 52, 104165.	0.8	0

#	ARTICLE	IF	CITATIONS
2147	Orexin receptor antagonists in the pathophysiology and treatment of sleep disorders and epilepsy. <i>Neuropeptides</i> , 2023, 99, 102335.	0.9	8
2148	Rewarding-unrewarding prediction signals under a bivalent context in the primate lateral hypothalamus. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
2149	Excessive daytime sleepiness in a model of Parkinson's disease improved by low-frequency stimulation of the pedunculopontine nucleus. <i>Npj Parkinson's Disease</i> , 2023, 9, .	2.5	1
2150	Living high - training low model applied to C57BL/6J mice: Effects on physiological parameters related to aerobic fitness and acid-base balance. <i>Life Sciences</i> , 2023, 317, 121443.	2.0	0
2151	Diagnostic criteria for the hypothalamic syndrome in childhood. <i>European Journal of Endocrinology</i> , 2023, 188, 214-225.	1.9	4
2152	Animal models of human insomnia. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	3
2153	The Impact of Sleep Chronotype on Psychological Well-being and its Underlying Neural Mechanisms. <i>SHS Web of Conferences</i> , 2023, 157, 01009.	0.1	0
2154	Advances in Sleep Induction by Adenosine Activation of A ₁ and A _{2A} Receptors. <i>Advances in Clinical Medicine</i> , 2023, 13, 2083-2092.	0.0	0
2155	Altered frontoparietal activity in acoustic startle priming tasks during reticulospinal tract facilitation: An fNIRS study. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
2156	Core body temperature varies according to the time of exercise without affecting orexin-A production in the dorsolateral hypothalamus in rat. <i>Journal of Thermal Biology</i> , 2023, , 103522.	1.1	0
2157	Clocking Epilepsies: A Chronomodulated Strategy-Based Therapy for Rhythmic Seizures. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4223.	1.8	2
2158	Cardiovascular disease and lifestyle choices: Spotlight on circadian rhythms and sleep. <i>Progress in Cardiovascular Diseases</i> , 2023, 77, 70-77.	1.6	6
2159	Effects of self-selected light-dark cycles and social constraints on sleep timing of people with different chronotypes. <i>Chinese Physics B</i> , 0, , .	0.7	0
2160	Potential of Polyphenols for Improving Sleep: A Preliminary Results from Review of Human Clinical Trials and Mechanistic Insights. <i>Nutrients</i> , 2023, 15, 1257.	1.7	2
2161	Mechanisms of cognitive behavioural therapy for insomnia. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	4
2162	Circadian Regulation of Sleep. <i>Healthy Ageing and Longevity</i> , 2023, , 71-93.	0.2	1
2163	Resting-State EEG Reveals Abnormal Microstate Characteristics of Depression with Insomnia. <i>Brain Topography</i> , 0, , .	0.8	1
2164	Adenosine and P1 receptors: Key targets in the regulation of sleep, torpor, and hibernation. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	2

#	ARTICLE	IF	CITATIONS
2165	Genetically encoded sensors for measuring histamine release both in vitro and in vivo. <i>Neuron</i> , 2023, 111, 1564-1576.e6.	3.8	12
2166	The relevance of the circadian timing system role in patients with HIV/AIDS: a quick glance. <i>International Journal of Surgery</i> , 0, Publish Ahead of Print, .	1.1	0
2167	Orexin 2 receptor-selective agonist danavorexton (<sc>TAK</sc>â€925) promotes wakefulness in non-human primates and healthy individuals. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	8
2168	Clinical Spectrum and Trajectory of Innovative Therapeutic Interventions for Insomnia: A Perspective. , 2022, .		1
2169	Comparative efficacy and safety of suvorexant and lemborexant for insomnia treatment. , 2023, 2, .		0
2170	Pineal Region Masses. , 2013, , 754-785.		0
2171	Clinical Assessment in the Neurocritical Care Unit. , 2013, , 84-98.e3.		0
2172	Sleep and circadian rhythms in Î±-synucleinopathiesâ€”Perspectives for disease modification. <i>Acta Physiologica</i> , 2023, 238, .	1.8	7
2173	Association between circadian skin temperature rhythms and actigraphic sleep measures in real-life settings. <i>Journal of Clinical Sleep Medicine</i> , 0, , .	1.4	0
2174	Inputs and Outputs of the Mammalian Circadian Clock. <i>Biology</i> , 2023, 12, 508.	1.3	10
2175	The melatonin receptor 1B gene links circadian rhythms and type 2 diabetes mellitus: an evolutionary story. <i>Annals of Medicine</i> , 2023, 55, 1262-1286.	1.5	8
2176	Establishment of a chronic insomnia rat model of sleep fragmentation using unstable platforms surrounded by water. <i>Experimental and Therapeutic Medicine</i> , 2023, 25, .	0.8	1
2177	Kinase signaling in distinct neuronal populations in the mouse brain controls sleep homeostasis and the circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	0
2178	Activation of Ventral Pallidum CaMKIIa-Expressing Neurons Promotes Wakefulness. <i>Neurochemical Research</i> , 0, , .	1.6	0
2180	Physicochemical and Rheological Characteristics of Stirred Yogurt Fortified with Vitamin B12 and Melatonin. <i>Journal of Food Processing and Preservation</i> , 2023, 2023, 1-13.	0.9	0
2181	Electroacupuncture of the cymba concha alleviates p-chlorophenylalanine-induced insomnia in mice. <i>Acupuncture in Medicine</i> , 2023, 41, 345-353.	0.4	1
2182	Proteostasis failure exacerbates neuronal circuit dysfunction and sleep impairments in Alzheimerâ€™s disease. <i>Molecular Neurodegeneration</i> , 2023, 18, .	4.4	4
2183	The orexin story and orexin receptor antagonists for the treatment of insomnia. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	12

#	ARTICLE	IF	CITATIONS
2188	Adenosine A2A receptors and sleep. <i>International Review of Neurobiology</i> , 2023, , .	0.9	0
2191	Barrington's nucleus: a century of progress identifying neurons that control micturition. , 2023, , 31-51.		0
2241	Neuronal Circuits, Anatomical Substrates, and Mechanism of Sleep-Wakefulness. , 2023, , 5-13.		0
2251	Commentary: P2X7 receptor modulation is a viable therapeutic target for neurogenic pain with concurrent sleep disorders. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
2256	Grundlagen und Begriffsklärungen zu Schlafstörungen. , 2023, , 1-20.		0
2261	Comorbidities of migraine: Sleep disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2024, , 525-534.	1.0	0
2265	Bioelectronic Zeitgebers: Targeted Neuromodulation to Re-Establish Circadian Rhythms. , 2023, , .		0
2274	Editorial: Recent advances in sleep and circadian rhythms: the hypothalamus and its relationship with appetite. <i>Frontiers in Neuroscience</i> , 0, 18, .	1.4	0