

Luis de Lecea

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

26,195
citations

11639

70
h-index

6643

156
g-index

290
all docs

290
docs citations

290
times ranked

17190
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypocretins (orexins): The ultimate translational neuropeptides. <i>Journal of Internal Medicine</i> , 2022, 291, 533-556.	2.7	42
2	Lateral hypothalamic galanin neurons are activated by stress and blunt anxiety-like behavior in mice. <i>Behavioural Brain Research</i> , 2022, 423, 113773.	1.2	4
3	Hyperexcitable arousal circuits drive sleep instability during aging. <i>Science</i> , 2022, 375, eabh3021.	6.0	74
4	Adolescent sleep shapes social novelty preference in mice. <i>Nature Neuroscience</i> , 2022, 25, 912-923.	7.1	33
5	The brake matters: Hyperexcitable arousal circuits in sleep fragmentation with age. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	1
6	Heterogeneity of Hypocretin/Orexin Neurons. <i>Frontiers of Neurology and Neuroscience</i> , 2021, 45, 61-74.	3.0	17
7	Twenty-Three Years of Hypocretins: The "Rosetta Stone" of Sleep/Arousal Circuits. <i>Frontiers of Neurology and Neuroscience</i> , 2021, 45, 1-10.	3.0	12
8	Peripheral Lipopolysaccharide Rapidly Silences REM-Active LHGABA Neurons. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 649428.	1.0	5
9	Orexin receptors in GtoPdb v.2021.3. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	4
10	Optogenetics in the study of the central nervous system during sleep. , 2021, , .		0
11	Sleep and neuropsychiatric illness. <i>Neuropsychopharmacology</i> , 2020, 45, 1-2.	2.8	18
12	Hypocretin (Orexin) Replacement Therapies. <i>Medicine in Drug Discovery</i> , 2020, 8, 100070.	2.3	8
13	Neural and Hormonal Control of Sexual Behavior. <i>Endocrinology</i> , 2020, 161, .	1.4	70
14	Hypothalamic circuitry underlying stress-induced insomnia and peripheral immunosuppression. <i>Science Advances</i> , 2020, 6, .	4.7	60
15	Editorial: Hypocretins/Orexins. <i>Frontiers in Endocrinology</i> , 2020, 11, 357.	1.5	3
16	Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing. <i>Cell Reports</i> , 2020, 31, 107779.	2.9	20
17	Multisensory modulation of body ownership in mice. <i>Neuroscience of Consciousness</i> , 2020, 2020, niz019.	1.4	2
18	The hypocretin (orexin) system: from a neural circuitry perspective. <i>Neuropharmacology</i> , 2020, 167, 107993.	2.0	78

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19	Neurobiological and Hormonal Mechanisms Regulating Women's Sleep. <i>Frontiers in Neuroscience</i> , 2020, 14, 625397.	1.4	24
20	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 4985-4998.	3.9	21
21	Arousal State-Dependent Alterations in VTA-GABAergic Neuronal Activity. <i>ENeuro</i> , 2020, 7, ENEURO.0356-19.2020.	0.9	22
22	Hypocretins (Orexins): Twenty Years of Dissecting Arousal Circuits. , 2019, , 1-29.		3
23	Hypocretin and the Regulation of Sleep-Wake Transitions. <i>Handbook of Behavioral Neuroscience</i> , 2019, , 89-99.	0.7	2
24	In vivo cell type-specific CRISPR gene editing for sleep research. <i>Journal of Neuroscience Methods</i> , 2019, 316, 99-102.	1.3	6
25	Construction of Viral Vectors for Cell Type-specific CRISPR Gene Editing in the Adult Mouse Brain. <i>Bio-protocol</i> , 2019, 9, e3334.	0.2	0
26	Orexin receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	1
27	Hypocretin/orexin deficiency decreases cocaine abuse liability. <i>Neuropharmacology</i> , 2018, 133, 395-403.	2.0	33
28	Neuronal Mechanisms for Sleep/Wake Regulation and Modulatory Drive. <i>Neuropsychopharmacology</i> , 2018, 43, 937-952.	2.8	172
29	In vivo cell type-specific CRISPR knockdown of dopamine beta-hydroxylase reduces locus coeruleus evoked wakefulness. <i>Nature Communications</i> , 2018, 9, 5211.	5.8	49
30	Optical probing of orexin/hypocretin receptor antagonists. <i>Sleep</i> , 2018, 41, .	0.6	29
31	Parallel circuits from the bed nuclei of stria terminalis to the lateral hypothalamus drive opposing emotional states. <i>Nature Neuroscience</i> , 2018, 21, 1084-1095.	7.1	185
32	Hypocretin as a Hub for Arousal and Motivation. <i>Frontiers in Neurology</i> , 2018, 9, 413.	1.1	67
33	Recent advances in understanding the roles of hypocretin/orexin in arousal, affect, and motivation. <i>F1000Research</i> , 2018, 7, 1421.	0.8	39
34	To sleep or not to sleep: neuronal and ecological insights. <i>Current Opinion in Neurobiology</i> , 2017, 44, 132-138.	2.0	68
35	Rat intersubjective decisions are encoded by frequency-specific oscillatory contexts. <i>Brain and Behavior</i> , 2017, 7, e00710.	1.0	17
36	Hypothalamic Tuberomammillary Nucleus Neurons: Electrophysiological Diversity and Essential Role in Arousal Stability. <i>Journal of Neuroscience</i> , 2017, 37, 9574-9592.	1.7	62

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37	Optogenetic Investigation of Arousal Circuits. International Journal of Molecular Sciences, 2017, 18, 1773.	1.8	23
38	Lateral Hypothalamic Control of the Ventral Tegmental Area: Reward Evaluation and the Driving of Motivated Behavior. Frontiers in Systems Neuroscience, 2017, 11, 50.	1.2	62
39	Stress Coping and Resilience Modeled in Mice. , 2017, , 1145-1153.		0
40	Neuronal substrates for initiation, maintenance, and structural organization of sleep/wake states. F1000Research, 2017, 6, 212.	0.8	11
41	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. Journal of Physiology, 2016, 594, 6443-6462.	1.3	178
42	In vivo assessment of behavioral recovery and circulatory exchange in the peritoneal parabiosis model. Scientific Reports, 2016, 6, 29015.	1.6	25
43	Hypocretins and Arousal. Current Topics in Behavioral Neurosciences, 2016, 33, 93-104.	0.8	42
44	Obesity- and gender-dependent role of endogenous somatostatin and cortistatin in the regulation of endocrine and metabolic homeostasis in mice. Scientific Reports, 2016, 6, 37992.	1.6	12
45	VTA dopaminergic neurons regulate ethologically relevant sleep-wake behaviors. Nature Neuroscience, 2016, 19, 1356-1366.	7.1	427
46	Cortistatin Is a Key Factor Regulating the Sex-Dependent Response of the GH and Stress Axes to Fasting in Mice. Endocrinology, 2016, 157, 2810-2823.	1.4	9
47	Lack of cortistatin or somatostatin differentially influences DMBA-induced mammary gland tumorigenesis in mice in an obesity-dependent mode. Breast Cancer Research, 2016, 18, 29.	2.2	5
48	Fasting modulates GH/IGF-I axis and its regulatory systems in the mammary gland of female mice: Influence of endogenous cortistatin. Molecular and Cellular Endocrinology, 2016, 434, 14-24.	1.6	3
49	Hypocretins, Neural Systems, Physiology, and Psychiatric Disorders. Current Psychiatry Reports, 2016, 18, 7.	2.1	56
50	Superficial Layer-Specific Histaminergic Modulation of Medial Entorhinal Cortex Required for Spatial Learning. Cerebral Cortex, 2016, 26, 1590-1608.	1.6	17
51	Not So Giants: Mice Lacking Both Somatostatin and Cortistatin Have High GH Levels but Show No Changes in Growth Rate or IGF-1 Levels. Endocrinology, 2015, 156, 1958-1964.	1.4	8
52	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. Frontiers in Neurology, 2015, 6, 32.	1.1	20
53	Antagonistic interplay between hypocretin and leptin in the lateral hypothalamus regulates stress responses. Nature Communications, 2015, 6, 6266.	5.8	138
54	Optogenetics in Freely Moving Mammals: Dopamine and Reward. Cold Spring Harbor Protocols, 2015, pdb.top086330.	0.2	10

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55	Sleep disruption impairs haematopoietic stem cell transplantation in mice. <i>Nature Communications</i> , 2015, 6, 8516.	5.8	34
56	The Hypocretin/Orexin System: An Increasingly Important Role in Neuropsychiatry. <i>Medicinal Research Reviews</i> , 2015, 35, 152-197.	5.0	64
57	Obesity Alters Gene Expression for GH/IGF-I Axis in Mouse Mammary Fat Pads: Differential Role of Cortistatin and Somatostatin. <i>PLoS ONE</i> , 2015, 10, e0120955.	1.1	7
58	Optogenetic Dissection of Neural Circuit Function in Behaving Animals. <i>Neuromethods</i> , 2015, , 143-160.	0.2	0
59	Hypocretins. , 2015, , 774-777.		0
60	The Hypocretin Story. , 2015, , 27-35.		0
61	Resting easy with a sleep regulator. <i>ELife</i> , 2015, 4, e12093.	2.8	0
62	Control of sleep-to-wake transitions via fast amino acid and slow neuropeptide transmission. <i>New Journal of Physics</i> , 2014, 16, 115010.	1.2	16
63	Optogenetic Control of Hypocretin (Orexin) Neurons and Arousal Circuits. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 25, 367-378.	0.8	41
64	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2014, 211, 2487-2496.	4.2	189
65	Cortistatin attenuates inflammatory pain via spinal and peripheral actions. <i>Neurobiology of Disease</i> , 2014, 63, 141-154.	2.1	30
66	The hypocretins/orexins: integrators of multiple physiological functions. <i>British Journal of Pharmacology</i> , 2014, 171, 332-350.	2.7	224
67	Hypocretin (orexin) neuromodulation of stress and reward pathways. <i>Current Opinion in Neurobiology</i> , 2014, 29, 103-108.	2.0	84
68	Optogenetics: Opsins and Optical Interfaces in Neuroscience. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.top083329.	0.2	28
69	Light and chemical control of neuronal circuits: possible applications in neurotherapy. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 1007-1017.	1.4	6
70	Establishing a Fiber-Optic-Based Optical Neural Interface. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot083337-pdb.prot083337.	0.2	4
71	Hypocretin (orexin) regulation of sleep-to-wake transitions. <i>Frontiers in Pharmacology</i> , 2014, 5, 16.	1.6	100
72	Basal Forebrain Cholinergic Modulation of Sleep Transitions. <i>Sleep</i> , 2014, 37, 1941-1951.	0.6	118

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73	Hypocretins. , 2014, , 1-4.		0
74	Orexin/hypocretin system modulates amygdala-dependent threat learning through the locus coeruleus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20260-20265.	3.3	176
75	Sleep to forget: interference of fear memories during sleep. Molecular Psychiatry, 2013, 18, 1166-1170.	4.1	103
76	Optogenetics in psychiatric diseases. Current Opinion in Neurobiology, 2013, 23, 430-435.	2.0	23
77	Analgesic Effect of the Neuropeptide Cortistatin in Murine Models of Arthritic Inflammatory Pain. Arthritis and Rheumatism, 2013, 65, 1390-1401.	6.7	24
78	Hypothalamic Neurotensin Projections Promote Reward by Enhancing Glutamate Transmission in the VTA. Journal of Neuroscience, 2013, 33, 7618-7626.	1.7	140
79	Paradoxical Effect of Cortistatin Treatment and Its Deficiency on Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2013, 191, 2144-2154.	0.4	32
80	Repeated <i>in vivo</i> exposure of cocaine induces long-lasting synaptic plasticity in hypocretin/orexin-producing neurons in the lateral hypothalamus in mice. Journal of Physiology, 2013, 591, 1951-1966.	1.3	43
81	Cortistatin Inhibits Migration and Proliferation of Human Vascular Smooth Muscle Cells and Decreases Neointimal Formation on Carotid Artery Ligation. Circulation Research, 2013, 112, 1444-1455.	2.0	50
82	Hypocretins (Orexins). , 2013, , 812-818.		1
83	Functional wiring of hypocretin and LC-NE neurons: implications for arousal. Frontiers in Behavioral Neuroscience, 2013, 7, 43.	1.0	53
84	Optogenetic control of arousal neurons. , 2013, , 66-72.		1
85	13 In vivo application of optogenetics in rodents. , 2013, , 143-156.		0
86	Hypocretins and the neurobiology of sleep-wake mechanisms. Progress in Brain Research, 2012, 198, 15-24.	0.9	66
87	Mechanism for Hypocretin-mediated sleep-to-wake transitions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2635-44.	3.3	236
88	Shining Light on Wakefulness and Arousal. Biological Psychiatry, 2012, 71, 1046-1052.	0.7	85
89	Relaciones entre el sueño y la adicción. Revista De Psicología De La Salud, 2012, 24, 287.	0.2	8
90	Optogenetic Probing of Hypocretins' Regulation of Wakefulness. , 2011, , 129-137.		0

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91	Optogenetic investigation of neural circuits in vivo. Trends in Molecular Medicine, 2011, 17, 197-206.	3.5	78
92	Activation of Central Orexin/Hypocretin Neurons by Dietary Amino Acids. Neuron, 2011, 72, 616-629.	3.8	134
93	Plasma levels of neuropeptides and metabolic hormones, and sleepiness in obstructive sleep apnea. Respiratory Medicine, 2011, 105, 1954-1960.	1.3	25
94	Intraventricular administration of neuropeptide S has reward-like effects. European Journal of Pharmacology, 2011, 658, 16-21.	1.7	24
95	Non-synonymous polymorphism in the neuropeptide S precursor gene and sleep apnea. Sleep and Breathing, 2011, 15, 403-408.	0.9	4
96	Neural integration of reward, arousal, and feeding: Recruitment of VTA, lateral hypothalamus, and ventral striatal neurons. IUBMB Life, 2011, 63, 824-830.	1.5	31
97	Cortistatin Is Not a Somatostatin Analogue but Stimulates Prolactin Release and Inhibits GH and ACTH in a Gender-Dependent Fashion: Potential Role of Ghrelin. Endocrinology, 2011, 152, 4800-4812.	1.4	59
98	Optogenetic Interrogation of Dopaminergic Modulation of the Multiple Phases of Reward-Seeking Behavior. Journal of Neuroscience, 2011, 31, 10829-10835.	1.7	322
99	Optogenetic disruption of sleep continuity impairs memory consolidation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13305-13310.	3.3	172
100	The Hypocretins/Orexins: Master Regulators of Arousal and Hyperarousal. , 2011, , 121-128.		0
101	Hypocretins in the Control of Sleep and Wakefulness. Current Neurology and Neuroscience Reports, 2010, 10, 174-179.	2.0	66
102	The role of hypocretin in driving arousal and goal-oriented behaviors. Brain Research, 2010, 1314, 103-111.	1.1	112
103	A decade of hypocretins: past, present and future of the neurobiology of arousal. Acta Physiologica, 2010, 198, 203-208.	1.8	32
104	Tuning arousal with optogenetic modulation of locus coeruleus neurons. Nature Neuroscience, 2010, 13, 1526-1533.	7.1	800
105	Optogenetic interrogation of neural circuits: technology for probing mammalian brain structures. Nature Protocols, 2010, 5, 439-456.	5.5	895
106	Ghrelin, Leptin And Adiponectin Plasma Levels In Sleep Apnea Patients With And Without Excessive Daytime Sleepiness. , 2010, , .		0
107	SPECT Imaging. , 2010, , 1266-1270.		0
108	Optogenetic deconstruction of sleep-wake circuitry in the brain. Frontiers in Molecular Neuroscience, 2010, 2, 31.	1.4	47

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109	HPLC. , 2010, , 603-604.		0
110	Hypocretins Regulate the Anxiogenic-Like Effects of Nicotine and Induce Reinstatement of Nicotine-Seeking Behavior. Journal of Neuroscience, 2010, 30, 2300-2310.	1.7	153
111	Neuropeptide S facilitates cue-induced relapse to cocaine seeking through activation of the hypothalamic hypocretin system. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19567-19572.	3.3	76
112	Reelin Regulates Postnatal Neurogenesis and Enhances Spine Hypertrophy and Long-Term Potentiation. Journal of Neuroscience, 2010, 30, 4636-4649.	1.7	195
113	Sleep and metabolism: Role of hypothalamic neuronal circuitry. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 817-828.	2.2	29
114	Neuropeptide S Reinstates Cocaine-Seeking Behavior and Increases Locomotor Activity through Corticotropin-Releasing Factor Receptor 1 in Mice. Journal of Neuroscience, 2009, 29, 4155-4161.	1.7	97
115	The hypocretins as sensors for metabolism and arousal. Journal of Physiology, 2009, 587, 33-40.	1.3	92
116	The brain hypocretins and their receptors: mediators of allostatic arousal. Current Opinion in Pharmacology, 2009, 9, 39-45.	1.7	89
117	A role for Melanin-Concentrating Hormone in learning and memory. Peptides, 2009, 30, 2066-2070.	1.2	51
118	Phasic Firing in Dopaminergic Neurons Is Sufficient for Behavioral Conditioning. Science, 2009, 324, 1080-1084.	6.0	1,064
119	Sleep Homeostasis Modulates Hypocretin-Mediated Sleep-to-Wake Transitions. Journal of Neuroscience, 2009, 29, 10939-10949.	1.7	232
120	The Hypocretins and their Role in Narcolepsy. CNS and Neurological Disorders - Drug Targets, 2009, 8, 271-280.	0.8	17
121	Hyperarousal and Post-Traumatic Stress Disorder: A Role for the Hypocretin System. , 2009, , 201-211.		1
122	Physiological arousal: a role for hypothalamic systems. Cellular and Molecular Life Sciences, 2008, 65, 1475-1488.	2.4	88
123	Effect of cortistatin on tau phosphorylation at Ser262 site. Journal of Neuroscience Research, 2008, 86, 2462-2475.	1.3	11
124	Neuropeptide interactions and REM sleep: A role for Urotensin II?. Peptides, 2008, 29, 845-851.	1.2	16
125	Addiction and arousal: The hypocretin connection. Physiology and Behavior, 2008, 93, 947-951.	1.0	78
126	Sleep and metabolism: shared circuits, new connections. Trends in Endocrinology and Metabolism, 2008, 19, 362-370.	3.1	97

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127	Cortistatinâ€™Functions in the central nervous system. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, 88-95.	1.6	62
128	Foreword. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, 1-2.	1.6	5
129	Somatostatin Receptor Subtype 4 Couples to the M-Current to Regulate Seizures. <i>Journal of Neuroscience</i> , 2008, 28, 3567-3576.	1.7	65
130	Cortistatin as a therapeutic target in inflammation. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1-9.	1.5	9
131	Circuit-breakers: optical technologies for probing neural signals and systems. <i>Nature Reviews Neuroscience</i> , 2007, 8, 577-581.	4.9	586
132	Neural substrates of awakening probed with optogenetic control of hypocretin neurons. <i>Nature</i> , 2007, 450, 420-424.	13.7	1,157
133	Cortistatin promotes and negatively correlates with slowâ€™wave sleep. <i>European Journal of Neuroscience</i> , 2007, 26, 729-738.	1.2	15
134	Transgenic Mice with a Reduced Core Body Temperature Have an Increased Life Span. <i>Science</i> , 2006, 314, 825-828.	6.0	341
135	Cortistatin: not just another somatostatin analog. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2006, 2, 356-357.	2.9	29
136	Addiction and Arousal: Alternative Roles of Hypothalamic Peptides. <i>Journal of Neuroscience</i> , 2006, 26, 10372-10375.	1.7	86
137	The Hypocretins (Orexins). , 2006, , 721-730.		0
138	Stress and Arousal: The Corticotrophin-Releasing Factor/Hypocretin Circuitry. <i>Molecular Neurobiology</i> , 2005, 32, 285-294.	1.9	125
139	The hypocretins and sleep. <i>FEBS Journal</i> , 2005, 272, 5675-5688.	2.2	94
140	Expression, synaptic localization, and developmental regulation of Ack1/Pyk1, a cytoplasmic tyrosine kinase highly expressed in the developing and adult brain. <i>Journal of Comparative Neurology</i> , 2005, 490, 119-132.	0.9	23
141	The Discovery of the Hypocretins. , 2005, , 3-11.		0
142	Injection of neuropeptide W into paraventricular nucleus of hypothalamus increases food intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1727-R1732.	0.9	49
143	Urotensin II Modulates Rapid Eye Movement Sleep through Activation of Brainstem Cholinergic Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 5465-5474.	1.7	72
144	Role for hypocretin in mediating stress-induced reinstatement of cocaine-seeking behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 19168-19173.	3.3	475

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145	Cortistatin overexpression in transgenic mice produces deficits in synaptic plasticity and learning. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 465-475.	1.0	23
146	Cortistatin radioligand binding in wild-type and somatostatin receptor-deficient mouse brain. <i>Regulatory Peptides</i> , 2005, 124, 179-186.	1.9	10
147	The corticotropin-releasing factor-hypocretin connection: Implications in stress response and addiction. <i>Drug News and Perspectives</i> , 2005, 18, 250.	1.9	31
148	Cortistatin- A Novel Member of the Somatostatin Gene Family. <i>Growth Hormone</i> , 2004, , 29-45.	0.2	2
149	Chronic Morphine Treatment Alters N-Methyl-d-aspartate Receptors in Freshly Isolated Neurons from Nucleus Accumbens. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 265-273.	1.3	24
150	Interaction between the Corticotropin-Releasing Factor System and Hypocretins (Orexins): A Novel Circuit Mediating Stress Response. <i>Journal of Neuroscience</i> , 2004, 24, 11439-11448.	1.7	406
151	Distribution of CNT2 and ENT1 transcripts in rat brain: selective decrease of CNT2 mRNA in the cerebral cortex of sleep-deprived rats. <i>Journal of Neurochemistry</i> , 2004, 90, 883-893.	2.1	45
152	Not asleep, not quite awake. <i>Nature Medicine</i> , 2004, 10, 673-674.	15.2	5
153	Overexpression of the human β -amyloid precursor protein downregulates cortistatin mRNA in PDAPP mice. <i>Brain Research</i> , 2004, 1023, 157-162.	1.1	13
154	Neuropeptide S. <i>Neuron</i> , 2004, 43, 487-497.	3.8	478
155	A collection of cDNAs enriched in upper cortical layers of the embryonic mouse brain. <i>Molecular Brain Research</i> , 2004, 122, 133-150.	2.5	10
156	Reverse Genetics and the Study of Sleep-Wake Cycle. , 2004, , 106-118.		0
157	Glutamatergic Transmission in Opiate and Alcohol Dependence. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 196-211.	1.8	112
158	The role of the hypocretinergic system in the integration of networks that dictate the states of arousal. <i>Drug News and Perspectives</i> , 2003, 16, 504.	1.9	21
159	Interaction of the hypocretins with neurotransmitters in the nucleus accumbens. <i>Regulatory Peptides</i> , 2002, 104, 111-117.	1.9	81
160	Targeted Disruption of RC3 Reveals a Calmodulin-Based Mechanism for Regulating Metaplasticity in the Hippocampus. <i>Journal of Neuroscience</i> , 2002, 22, 5525-5535.	1.7	89
161	Hypocretins/orexins as integrators of physiological information: lessons from mutant animals. <i>Neuropeptides</i> , 2002, 36, 85-95.	0.9	60
162	The hypocretins: Setting the arousal threshold. <i>Nature Reviews Neuroscience</i> , 2002, 3, 339-348.	4.9	410

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163	Activation of Hypocretin Neurons and Sleep. <i>Advances in Behavioral Biology</i> , 2002, , 385-388.	0.2	0
164	Pattern of expression of the tetraspanin Tspan-5 during brain development in the mouse. <i>Mechanisms of Development</i> , 2001, 106, 207-212.	1.7	26
165	Leptin Receptor- and STAT3-Immunoreactivities in Hypocretin/Orexin Neurons of the Lateral Hypothalamus. <i>Journal of Neuroendocrinology</i> , 2001, 11, 653-663.	1.2	204
166	Immunohistochemical localization and biochemical characterization of hypocretin/orexin-related peptides in the central nervous system of the frog <i>Rana ridibunda</i> . <i>Journal of Comparative Neurology</i> , 2001, 429, 242-252.	0.9	59
167	Mapping of the mRNAs for the hypocretin/orexin and melanin-concentrating hormone receptors: Networks of overlapping peptide systems. <i>Journal of Comparative Neurology</i> , 2001, 435, 1-5.	0.9	79
168	Mouse Tspan-5, a member of the tetraspanin superfamily, is highly expressed in brain cortical structures. <i>NeuroReport</i> , 2000, 11, 3181-3185.	0.6	21
169	The hypocretins: Excitatory neuromodulatory peptides for multiple homeostatic systems, including sleep and feeding. <i>Journal of Neuroscience Research</i> , 2000, 62, 161-168.	1.3	202
170	Developmental regulation of two isoforms of Ca ²⁺ /calmodulin-dependent protein kinase I β in rat brain. <i>Brain Research</i> , 2000, 869, 137-145.	1.1	14
171	Hypocretin-1 Modulates Rapid Eye Movement Sleep through Activation of Locus Coeruleus Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 7760-7765.	1.7	491
172	Cortistatin: a member of the somatostatin neuropeptide family with distinct physiological functions. <i>Brain Research Reviews</i> , 2000, 33, 228-241.	9.1	182
173	OCD-Like Behaviors Caused by a Neuropotentiating Transgene Targeted to Cortical and Limbic D1+ Neurons. <i>Journal of Neuroscience</i> , 1999, 19, 5044-5053.	1.7	153
174	The hypocretins/orexins: novel hypothalamic neuropeptides involved in different physiological systems. <i>Cellular and Molecular Life Sciences</i> , 1999, 56, 473-480.	2.4	78
175	Structural and compositional determinants of cortistatin activity. , 1999, 56, 611-619.		42
176	Cortistatin affects glutamate sensitivity in mouse hypothalamic neurons through activation of somatostatin receptor subtype. <i>Neuroscience</i> , 1999, 88, 359-364.	1.1	29
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