Luis de Lecea

List of Publications by Year
in descending order

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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	The hypocretins: Hypothalamus-specific peptides with neuroexcitatory activity. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 322-327.	3.3	3,579
2	Neurons Containing Hypocretin (Orexin) Project to Multiple Neuronal Systems. Journal of Neuroscience, 1998, 18, 9996-10015.	1.7	3,182
3	Neural substrates of awakening probed with optogenetic control of hypocretin neurons. Nature, 2007, 450, 420-424.	13.7	1,157
4	Phasic Firing in Dopaminergic Neurons Is Sufficient for Behavioral Conditioning. Science, 2009, 324, 1080-1084.	6.0	1,064
5	Optogenetic interrogation of neural circuits: technology for probing mammalian brain structures. Nature Protocols, 2010, 5, 439-456.	5.5	895
6	Tuning arousal with optogenetic modulation of locus coeruleus neurons. Nature Neuroscience, 2010, 13, 1526-1533.	7.1	800
7	A novel adenylyl cyclase-activating serotonin receptor (5-HT7) implicated in the regulation of mammalian circadian rhythms. Neuron, 1993, 11, 449-458.	3.8	637
8	Circuit-breakers: optical technologies for probing neural signals and systems. Nature Reviews Neuroscience, 2007, 8, 577-581.	4.9	586
9	Regional and Cellular Patterns ofreelinmRNA Expression in the Forebrain of the Developing and Adult Mouse. Journal of Neuroscience, 1998, 18, 7779-7799.	1.7	496
10	Hypocretin-1 Modulates Rapid Eye Movement Sleep through Activation of Locus Coeruleus Neurons. Journal of Neuroscience, 2000, 20, 7760-7765.	1.7	491
11	Neuropeptide S. Neuron, 2004, 43, 487-497.	3.8	478
12	Role for hypocretin in mediating stress-induced reinstatement of cocaine-seeking behavior. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19168-19173.	3.3	475
13	VTA dopaminergic neurons regulate ethologically relevant sleepâ€“wake behaviors. Nature Neuroscience, 2016, 19, 1356-1366.	7.1	427
14	The hypocretins: Setting the arousal threshold. Nature Reviews Neuroscience, 2002, 3, 339-348.	4.9	410
15	Interaction between the Corticotropin-Releasing Factor System and Hypocretins (Orexins): A Novel Circuit Mediating Stress Response. Journal of Neuroscience, 2004, 24, 11439-11448.	1.7	406
16	A cortical neuropeptide with neuronal depressant and sleep-modulating properties. Nature, 1996, 381, 242-245.	13.7	405
17	Transgenic Mice with a Reduced Core Body Temperature Have an Increased Life Span. Science, 2006, 314, 825-828.	6.0	341
18	Optogenetic Interrogation of Dopaminergic Modulation of the Multiple Phases of Reward-Seeking Behavior. Journal of Neuroscience, 2011, 31, 10829-10835.	1.7	322

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19	Overview of the most prevalent hypothalamus-specific mRNAs, as identified by directional tag PCR subtraction.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8733-8738.	3.3	255
20	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
21	Sleep Homeostasis Modulates Hypocretin-Mediated Sleep-to-Wake Transitions. Journal of Neuroscience, 2009, 29, 10939-10949.	1.7	232
22	The hypocretins/orexins: integrators of multiple physiological functions. British Journal of Pharmacology, 2014, 171, 332-350.	2.7	224
23	Leptin Receptor- and STAT3-Immunoreactivities in Hypocretin/Orexin Neurones of the Lateral Hypothalamus1. Journal of Neuroendocrinology, 2001, 11, 653-663.	1.2	204
24	The hypocretins: Excitatory neuromodulatory peptides for multiple homeostatic systems, including sleep and feeding. Journal of Neuroscience Research, 2000, 62, 161-168.	1.3	202
25	Reelin Regulates Postnatal Neurogenesis and Enhances Spine Hypertrophy and Long-Term Potentiation. Journal of Neuroscience, 2010, 30, 4636-4649.	1.7	195
26	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimerâ€™s disease. Journal of Experimental Medicine, 2014, 211, 2487-2496.	4.2	189
27	Parallel circuits from the bed nuclei of stria terminalis to the lateral hypothalamus drive opposing emotional states. Nature Neuroscience, 2018, 21, 1084-1095.	7.1	185
28	Cortistatin: a member of the somatostatin neuropeptide family with distinct physiological functions. Brain Research Reviews, 2000, 33, 228-241.	9.1	182
29	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. Journal of Physiology, 2016, 594, 6443-6462.	1.3	178
30	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
31	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
32	Neuronal Mechanisms for Sleep/Wake Regulation and Modulatory Drive. Neuropsychopharmacology, 2018, 43, 937-952.	2.8	172
33	The development of parvalbumin-immunoreactivity in the neocortex of the mouse. Developmental Brain Research, 1994, 81, 247-259.	2.1	163
34	Two members of a distinct subfamily of 5-hydroxytryptamine receptors differentially expressed in rat brain.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3452-3456.	3.3	155
35	OCD-Like Behaviors Caused by a Neuropotentiating Transgene Targeted to Cortical and Limbic D1+ Neurons. Journal of Neuroscience, 1999, 19, 5044-5053.	1.7	153
36	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

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37	Cortistatin Is Expressed in a Distinct Subset of Cortical Interneurons. Journal of Neuroscience, 1997, 17, 5868-5880.	1.7	141
38	Hypothalamic Neurotensin Projections Promote Reward by Enhancing Glutamate Transmission in the VTA. Journal of Neuroscience, 2013, 33, 7618-7626.	1.7	140
39	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus. Brain Research, 1996, 731, 199-202.	1.1	139
40	Antagonistic interplay between hypocretin and leptin in the lateral hypothalamus regulates stress responses. Nature Communications, 2015, 6, 6266.	5.8	138
41	Activation of Central Orexin/Hypocretin Neurons by Dietary Amino Acids. Neuron, 2011, 72, 616-629.	3.8	134
42	Stress and Arousal: The Corticotrophin-Releasing Factor/Hypocretin Circuitry. Molecular Neurobiology, 2005, 32, 285-294.	1.9	125
43	Basal Forebrain Cholinergic Modulation of Sleep Transitions. Sleep, 2014, 37, 1941-1951.	0.6	118
44	Developmental expression of parvalbumin mRNA in the cerebral cortex and hippocampus of the rat. Molecular Brain Research, 1995, 32, 1-13.	2.5	115
45	Cell-specific effects of thyroid hormone on RC3/neurogranin expression in rat brain.. Endocrinology, 1996, 137, 1032-1041.	1.4	114
46	Glutamatergic Transmission in Opiate and Alcohol Dependence. Annals of the New York Academy of Sciences, 2003, 1003, 196-211.	1.8	112
47	The role of hypocretin in driving arousal and goal-oriented behaviors. Brain Research, 2010, 1314, 103-111.	1.1	112
48	Cellular and subcellular immunolocalization of the type 3 serotonin receptor in the rat central nervous system. Molecular Brain Research, 1996, 36, 251-260.	2.5	109
49	Cloning, mRNA Expression, and Chromosomal Mapping of Mouse and Human Preprocortistatin. Genomics, 1997, 42, 499-506.	1.3	107
50	Sleep to forget: interference of fear memories during sleep. Molecular Psychiatry, 2013, 18, 1166-1170.	4.1	103
51	Hypocretin (orexin) regulation of sleep-to-wake transitions. Frontiers in Pharmacology, 2014, 5, 16.	1.6	100
52	Sleep and metabolism: shared circuits, new connections. Trends in Endocrinology and Metabolism, 2008, 19, 362-370.	3.1	97
53	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
54	The hypocretins and sleep. FEBS Journal, 2005, 272, 5675-5688.	2.2	94

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55	The hypocretins as sensors for metabolism and arousal. Journal of Physiology, 2009, 587, 33-40.	1.3	92
56	Targeted Disruption of RC3 Reveals a Calmodulin-Based Mechanism for Regulating Metaplasticity in the Hippocampus. Journal of Neuroscience, 2002, 22, 5525-5535.	1.7	89
57	The brain hypocretins and their receptors: mediators of allostatic arousal. Current Opinion in Pharmacology, 2009, 9, 39-45.	1.7	89
58	Physiological arousal: a role for hypothalamic systems. Cellular and Molecular Life Sciences, 2008, 65, 1475-1488.	2.4	88
59	Transient Colocalization of Parvalbumin and Calbindin D28k in the Postnatal Cerebral Cortex: Evidence for a Phenotypic Shift in Developing Nonpyramidal Neurons. European Journal of Neuroscience, 1996, 8, 1329-1339.	1.2	86
60	Addiction and Arousal: Alternative Roles of Hypothalamic Peptides. Journal of Neuroscience, 2006, 26, 10372-10375.	1.7	86
61	Shining Light on Wakefulness and Arousal. Biological Psychiatry, 2012, 71, 1046-1052.	0.7	85
62	Hypocretin (orexin) neuromodulation of stress and reward pathways. Current Opinion in Neurobiology, 2014, 29, 103-108.	2.0	84
63	Isolation of clones of rat striatum-specific mRNAs by directional tag PCR subtraction. Journal of Neuroscience, 1994, 14, 4915-4926.	1.7	81
64	Interaction of the hypocretins with neurotransmitters in the nucleus accumbens. Regulatory Peptides, 2002, 104, 111-117.	1.9	81
65	Expression of NGF and NT3 mRNAs in Hippocampal Interneurons Innervated by the GABAergic Septohippocampal Pathway. Journal of Neuroscience, 1996, 16, 3991-4004.	1.7	80
66	Mapping of the mRNAs for the hypocretin/orexin and melanin-concentrating hormone receptors: Networks of overlapping peptide systems. Journal of Comparative Neurology, 2001, 435, 1-5.	0.9	79
67	The hypocretins/orexins: novel hypothalamic neuropeptides involved in different physiological systems. Cellular and Molecular Life Sciences, 1999, 56, 473-480.	2.4	78
68	Addiction and arousal: The hypocretin connection. Physiology and Behavior, 2008, 93, 947-951.	1.0	78
69	Optogenetic investigation of neural circuits in vivo. Trends in Molecular Medicine, 2011, 17, 197-206.	3.5	78
70	The hypocretin (orexin) system: from a neural circuitry perspective. Neuropharmacology, 2020, 167, 107993.	2.0	78
71	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
72	Hyperexcitable arousal circuits drive sleep instability during aging. Science, 2022, 375, eabh3021.	6.0	74

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73	Urotensin II Modulates Rapid Eye Movement Sleep through Activation of Brainstem Cholinergic Neurons. Journal of Neuroscience, 2005, 25, 5465-5474.	1.7	72
74	Neural and Hormonal Control of Sexual Behavior. Endocrinology, 2020, 161, .	1.4	70
75	To sleep or not to sleep: neuronal and ecological insights. Current Opinion in Neurobiology, 2017, 44, 132-138.	2.0	68
76	Hypocretin as a Hub for Arousal and Motivation. Frontiers in Neurology, 2018, 9, 413.	1.1	67
77	Hypocretins in the Control of Sleep and Wakefulness. Current Neurology and Neuroscience Reports, 2010, 10, 174-179.	2.0	66
78	Hypocretins and the neurobiology of sleepâ€“wake mechanisms. Progress in Brain Research, 2012, 198, 15-24.	0.9	66
79	Somatostatin Receptor Subtype 4 Couples to the M-Current to Regulate Seizures. Journal of Neuroscience, 2008, 28, 3567-3576.	1.7	65
80	The Hypocretin/Orexin System: An Increasingly Important Role in Neuropsychiatry. Medicinal Research Reviews, 2015, 35, 152-197.	5.0	64
81	Cortistatinâ€”Functions in the central nervous system. Molecular and Cellular Endocrinology, 2008, 286, 88-95.	1.6	62
82	Hypothalamic Tuberomammillary Nucleus Neurons: Electrophysiological Diversity and Essential Role in Arousal Stability. Journal of Neuroscience, 2017, 37, 9574-9592.	1.7	62
83	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
84	Hypocretins/orexins as integrators of physiological information: lessons from mutant animals. Neuropeptides, 2002, 36, 85-95.	0.9	60
85	Hypothalamic circuitry underlying stress-induced insomnia and peripheral immunosuppression. Science Advances, 2020, 6, .	4.7	60
86	Immunohistochemical localization and biochemical characterization of hypocretin/orexin-related peptides in the central nervous system of the frogRana ridibunda. Journal of Comparative Neurology, 2001, 429, 242-252.	0.9	59
87	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
88	G-protein ?7 subunit is selectively expressed in medium-sized neurons and dendrites of the rat neostriatum. Journal of Neuroscience Research, 1994, 39, 108-116.	1.3	57
89	Hypocretins, Neural Systems, Physiology, and Psychiatric Disorders. Current Psychiatry Reports, 2016, 18, 7.	2.1	56
90	Functional wiring of hypocretin and LC-NE neurons: implications for arousal. Frontiers in Behavioral Neuroscience, 2013, 7, 43.	1.0	53

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91	A role for Melanin-Concentrating Hormone in learning and memory. Peptides, 2009, 30, 2066-2070.	1.2	51
92	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
93	Transcripts encoding a neural membrane CD26 peptidase-like protein are stimulated by synaptic activity. Molecular Brain Research, 1994, 25, 286-296.	2.5	49
94	Injection of neuropeptide W into paraventricular nucleus of hypothalamus increases food intake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1727-R1732.	0.9	49
95	In vivo cell type-specific CRISPR knockdown of dopamine betaÂhydroxylase reduces locus coeruleus evoked wakefulness. Nature Communications, 2018, 9, 5211.	5.8	49
96	Optogenetic deconstruction of sleep-wake circuitry in the brain. Frontiers in Molecular Neuroscience, 2010, 2, 31.	1.4	47
97	Distribution of CNT2 and ENT1 transcripts in rat brain: selective decrease of CNT2 mRNA in the cerebral cortex of sleep-deprived rats. Journal of Neurochemistry, 2004, 90, 883-893.	2.1	45
98	Repeated in vivo exposure of cocaine induces longâ€lasting synaptic plasticity in hypocretin/orexinâ€producing neurons in the lateral hypothalamus in mice. Journal of Physiology, 2013, 591, 1951-1966.	1.3	43
99	Structural and compositional determinants of cortistatin activity. , 1999, 56, 611-619.		42
100	Hypocretins and Arousal. Current Topics in Behavioral Neurosciences, 2016, 33, 93-104.	0.8	42
101	Hypocretins (orexins): The ultimate translational neuropeptides. Journal of Internal Medicine, 2022, 291, 533-556.	2.7	42
102	Optogenetic Control of Hypocretin (Orexin) Neurons and Arousal Circuits. Current Topics in Behavioral Neurosciences, 2014, 25, 367-378.	0.8	41
103	Recent advances in understanding the roles of hypocretin/orexin in arousal, affect, and motivation. F1000Research, 2018, 7, 1421.	0.8	39
104	Late appearance of parvalbumin-immunoreactive neurons in the rodent cerebral cortex does not follow an â€˜inside-outâ€™ sequence. Neuroscience Letters, 1992, 142, 147-150.	1.0	36
105	Sleep disruption impairs haematopoietic stem cell transplantation in mice. Nature Communications, 2015, 6, 8516.	5.8	34
106	Hypocretin/orexin deficiency decreases cocaine abuse liability. Neuropharmacology, 2018, 133, 395-403.	2.0	33
107	Adolescent sleep shapes social novelty preference in mice. Nature Neuroscience, 2022, 25, 912-923.	7.1	33
108	Cortistatin and somatostatin mRNAs are differentially regulated in response to kainate. Molecular Brain Research, 1999, 72, 55-64.	2.5	32

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109	A decade of hypocretins: past, present and future of the neurobiology of arousal. Acta Physiologica, 2010, 198, 203-208.	1.8	32
110	Paradoxical Effect of Cortistatin Treatment and Its Deficiency on Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2013, 191, 2144-2154.	0.4	32
111	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
112	The corticotropin-releasing factor-hypocretin connection: Implications in stress response and addiction. Drug News and Perspectives, 2005, 18, 250.	1.9	31
113	Cortistatin attenuates inflammatory pain via spinal and peripheral actions. Neurobiology of Disease, 2014, 63, 141-154.	2.1	30
114	Cortistatin affects glutamate sensitivity in mouse hypothalamic neurons through activation of somatostatin receptor subtype. Neuroscience, 1999, 88, 359-364.	1.1	29
115	Cortistatin: not just another somatostatin analog. Nature Clinical Practice Endocrinology and Metabolism, 2006, 2, 356-357.	2.9	29
116	Sleep and metabolism: Role of hypothalamic neuronal circuitry. Best Practice and Research in Clinical Endocrinology and Metabolism, 2010, 24, 817-828.	2.2	29
117	Optical probing of orexin/hypocretin receptor antagonists. Sleep, 2018, 41, .	0.6	29
118	Optogenetics: Opsins and Optical Interfaces in Neuroscience. Cold Spring Harbor Protocols, 2014, 2014, pdb.top083329.	0.2	28
119	Chromosomal Mapping of Mouse Genes Expressed Selectively within the Central Nervous System. Genomics, 1994, 19, 454-461.	1.3	27
120	Pattern of expression of the tetraspanin Tspan-5 during brain development in the mouse. Mechanisms of Development, 2001, 106, 207-212.	1.7	26
121	Plasma levels of neuropeptides and metabolic hormones, and sleepiness in obstructive sleep apnea. Respiratory Medicine, 2011, 105, 1954-1960.	1.3	25
122	In vivo assessment of behavioral recovery and circulatory exchange in the peritoneal parabiosis model. Scientific Reports, 2016, 6, 29015.	1.6	25
123	Chronic Morphine Treatment Alters N-Methyl-d-aspartate Receptors in Freshly Isolated Neurons from Nucleus Accumbens. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 265-273.	1.3	24
124	Intraventricular administration of neuropeptide S has reward-like effects. European Journal of Pharmacology, 2011, 658, 16-21.	1.7	24
125	Analgesic Effect of the Neuropeptide Cortistatin in Murine Models of Arthritic Inflammatory Pain. Arthritis and Rheumatism, 2013, 65, 1390-1401.	6.7	24
126	Neurobiological and Hormonal Mechanisms Regulating Womenâ€™s Sleep. Frontiers in Neuroscience, 2020, 14, 625397.	1.4	24

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127	Expression, synaptic localization, and developmental regulation of Ack1/Pyk1, a cytoplasmic tyrosine kinase highly expressed in the developing and adult brain. Journal of Comparative Neurology, 2005, 490, 119-132.	0.9	23
128	Cortistatin overexpression in transgenic mice produces deficits in synaptic plasticity and learning. Molecular and Cellular Neurosciences, 2005, 30, 465-475.	1.0	23
129	Optogenetics in psychiatric diseases. Current Opinion in Neurobiology, 2013, 23, 430-435.	2.0	23
130	Optogenetic Investigation of Arousal Circuits. International Journal of Molecular Sciences, 2017, 18, 1773.	1.8	23
131	Arousal State-Dependent Alterations in VTA-GABAergic Neuronal Activity. ENeuro, 2020, 7, ENEURO.0356-19.2020.	0.9	22
132	Mouse Tspan-5, a member of the tetraspanin superfamily, is highly expressed in brain cortical structures. NeuroReport, 2000, 11, 3181-3185.	0.6	21
133	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. Journal of Clinical Investigation, 2020, 130, 4985-4998.	3.9	21
134	The role of the hypocretinergic system in the integration of networks that dictate the states of arousal. Drug News and Perspectives, 2003, 16, 504.	1.9	21
135	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. Frontiers in Neurology, 2015, 6, 32.	1.1	20
136	Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing. Cell Reports, 2020, 31, 107779.	2.9	20
137	Endogenous protein kinase A inhibitor (PKI?) modulates synaptic activity. , 1998, 53, 269-278.		19
138	Sleep and neuropsychiatric illness. Neuropsychopharmacology, 2020, 45, 1-2.	2.8	18
139	The Hypocretins and their Role in Narcolepsy. CNS and Neurological Disorders - Drug Targets, 2009, 8, 271-280.	0.8	17
140	Superficial Layer-Specific Histaminergic Modulation of Medial Entorhinal Cortex Required for Spatial Learning. Cerebral Cortex, 2016, 26, 1590-1608.	1.6	17
141	Rat intersubjective decisions are encoded by frequencyâ€specific oscillatory contexts. Brain and Behavior, 2017, 7, e00710.	1.0	17
142	Heterogeneity of Hypocretin/Orexin Neurons. Frontiers of Neurology and Neuroscience, 2021, 45, 61-74.	3.0	17
143	Neuropeptide interactions and REM sleep: A role for Urotensin II?. Peptides, 2008, 29, 845-851.	1.2	16
144	Control of sleep-to-wake transitions via fast amino acid and slow neuropeptide transmission. New Journal of Physics, 2014, 16, 115010.	1.2	16

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145	Isolation and sequencing of a cDNA encoding the B isozyme of rat phosphoglycerate mutase. Gene, 1992, 113, 281-282.	1.0	15
146	The gene encoding rat phosphoglycerate mutase subunit M: cloning and promoter analysis in skeletal muscle cells. Gene, 1994, 147, 243-248.	1.0	15
147	Cortistatin promotes and negatively correlates with slowâ€wave sleep. European Journal of Neuroscience, 2007, 26, 729-738.	1.2	15
148	Developmental regulation of two isoforms of Ca2+/calmodulin-dependent protein kinase I Î² in rat brain. Brain Research, 2000, 869, 137-145.	1.1	14
149	Overexpression of the human Î²-amyloid precursor protein downregulates cortistatin mRNA in PDAPP mice. Brain Research, 2004, 1023, 157-162.	1.1	13
150	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
151	Twenty-Three Years of Hypocretins: The â€œRosetta Stoneâ€•of Sleep/Arousal Circuits. Frontiers of Neurology and Neuroscience, 2021, 45, 1-10.	3.0	12
152	Novel Neurotransmitters for Sleep and Energy Homeostasis. Results and Problems in Cell Differentiation, 1999, 26, 239-255.	0.2	12
153	Effect of cortistatin on tau phosphorylation at Ser262 site. Journal of Neuroscience Research, 2008, 86, 2462-2475.	1.3	11
154	Neuronal substrates for initiation, maintenance, and structural organization of sleep/wake states. F1000Research, 2017, 6, 212.	0.8	11
155	A collection of cDNAs enriched in upper cortical layers of the embryonic mouse brain. Molecular Brain Research, 2004, 122, 133-150.	2.5	10
156	Cortistatin radioligand binding in wild-type and somatostatin receptor-deficient mouse brain. Regulatory Peptides, 2005, 124, 179-186.	1.9	10
157	Optogenetics in Freely Moving Mammals: Dopamine and Reward. Cold Spring Harbor Protocols, 2015, 2015, pdb.top086330.	0.2	10
158	Cortistatin as a therapeutic target in inflammation. Expert Opinion on Therapeutic Targets, 2007, 11, 1-9.	1.5	9
159	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
160	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
161	Hypocretin (Orexin) Replacement Therapies. Medicine in Drug Discovery, 2020, 8, 100070.	2.3	8
162	Relaciones entre el sueÃ±o y la adicciÃ³n. Revista De Psicologia De La Salud, 2012, 24, 287.	0.2	8

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163	Obesity Alters Gene Expression for GH/IGF-I Axis in Mouse Mammary Fat Pads: Differential Role of Cortistatin and Somatostatin. PLoS ONE, 2015, 10, e0120955.	1.1	7
164	Light and chemical control of neuronal circuits: possible applications in neurotherapy. Expert Review of Neurotherapeutics, 2014, 14, 1007-1017.	1.4	6
165	In vivo cell type-specific CRISPR gene editing for sleep research. Journal of Neuroscience Methods, 2019, 316, 99-102.	1.3	6
166	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus. Brain Research, 1996, 731, 199-202.	1.1	6
167	Not asleep, not quite awake. Nature Medicine, 2004, 10, 673-674.	15.2	5
168	Foreword. Molecular and Cellular Endocrinology, 2008, 286, 1-2.	1.6	5
169	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
170	Peripheral Lipopolyssacharide Rapidly Silences REM-Active LHGABA Neurons. Frontiers in Behavioral Neuroscience, 2021, 15, 649428.	1.0	5
171	Non-synonymous polymorphism in the neuropeptide S precursor gene and sleep apnea. Sleep and Breathing, 2011, 15, 403-408.	0.9	4
172	Establishing a Fiber-Optic-Based Optical Neural Interface. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot083337-pdb.prot083337.	0.2	4
173	Orexin receptors in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	4
174	Lateral hypothalamic galanin neurons are activated by stress and blunt anxiety-like behavior in mice. Behavioural Brain Research, 2022, 423, 113773.	1.2	4
175	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
176	Hypocretins (Orexins): Twenty Years of Dissecting Arousal Circuits. , 2019, , 1-29.		3
177	Editorial: Hypocretins/Orexins. Frontiers in Endocrinology, 2020, 11, 357.	1.5	3
178	Cortistatin- A Novel Member of the Somatostatin Gene Family. Growth Hormone, 2004, , 29-45.	0.2	2
179	Hypocretin and the Regulation of Sleep-Wake Transitions. Handbook of Behavioral Neuroscience, 2019, , 89-99.	0.7	2
180	Multisensory modulation of body ownership in mice. Neuroscience of Consciousness, 2020, 2020, niz019.	1.4	2

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181	Neuropeptides and sleepâ€“wake regulation. , 0, , 387-401.		1
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