

Luis de Lecea

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192
papers

22,018
citations

67
h-index

147
g-index

290
ext. papers

24,486
ext. citations

7.6
avg, IF

6.75
L-index

#	Paper	IF	Citations
192	The hypocretins: hypothalamus-specific peptides with neuroexcitatory activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 322-7	11.5	3147
191	Neurons containing hypocretin (orexin) project to multiple neuronal systems. <i>Journal of Neuroscience</i> , 1998 , 18, 9996-10015	6.6	2805
190	Neural substrates of awakening probed with optogenetic control of hypocretin neurons. <i>Nature</i> , 2007 , 450, 420-4	50.4	957
189	Phasic firing in dopaminergic neurons is sufficient for behavioral conditioning. <i>Science</i> , 2009 , 324, 1080-4	33.3	897
188	Optogenetic interrogation of neural circuits: technology for probing mammalian brain structures. <i>Nature Protocols</i> , 2010 , 5, 439-56	18.8	740
187	A novel adenylyl cyclase-activating serotonin receptor (5-HT7) implicated in the regulation of mammalian circadian rhythms. <i>Neuron</i> , 1993 , 11, 449-58	13.9	619
186	Tuning arousal with optogenetic modulation of locus coeruleus neurons. <i>Nature Neuroscience</i> , 2010 , 13, 1526-33	25.5	609
185	Circuit-breakers: optical technologies for probing neural signals and systems. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 577-81	13.5	512
184	Regional and cellular patterns of reelin mRNA expression in the forebrain of the developing and adult mouse. <i>Journal of Neuroscience</i> , 1998 , 18, 7779-99	6.6	466
183	Hypocretin-1 modulates rapid eye movement sleep through activation of locus coeruleus neurons. <i>Journal of Neuroscience</i> , 2000 , 20, 7760-5	6.6	452
182	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, 19168-73	11.5	422
181	Neuropeptide S: a neuropeptide promoting arousal and anxiolytic-like effects. <i>Neuron</i> , 2004 , 43, 487-97	13.9	415
180	The hypocretins: setting the arousal threshold. <i>Nature Reviews Neuroscience</i> , 2002 , 3, 339-49	13.5	369
179	A cortical neuropeptide with neuronal depressant and sleep-modulating properties. <i>Nature</i> , 1996 , 381, 242-5	50.4	365
178	Interaction between the corticotropin-releasing factor system and hypocretins (orexins): a novel circuit mediating stress response. <i>Journal of Neuroscience</i> , 2004 , 24, 11439-48	6.6	353
177	Transgenic mice with a reduced core body temperature have an increased life span. <i>Science</i> , 2006 , 314, 825-8	33.3	276
176	Optogenetic interrogation of dopaminergic modulation of the multiple phases of reward-seeking behavior. <i>Journal of Neuroscience</i> , 2011 , 31, 10829-35	6.6	264

175	VTA dopaminergic neurons regulate ethologically relevant sleep-wake behaviors. <i>Nature Neuroscience</i> , 2016 , 19, 1356-66	25.5	264
174	Overview of the most prevalent hypothalamus-specific mRNAs, as identified by directional tag PCR subtraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 8733-8	11.5	233
173	Sleep homeostasis modulates hypocretin-mediated sleep-to-wake transitions. <i>Journal of Neuroscience</i> , 2009 , 29, 10939-49	6.6	199
172	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	11.5	191
171	Leptin receptor- and STAT3-immunoreactivities in hypocretin/orexin neurones of the lateral hypothalamus. <i>Journal of Neuroendocrinology</i> , 1999 , 11, 653-63	3.8	182
170	The hypocretins: excitatory neuromodulatory peptides for multiple homeostatic systems, including sleep and feeding. <i>Journal of Neuroscience Research</i> , 2000 , 62, 161-8	4.4	182
169	The hypocretins/orexins: integrators of multiple physiological functions. <i>British Journal of Pharmacology</i> , 2014 , 171, 332-50	8.6	170
168	Cortistatin: a member of the somatostatin neuropeptide family with distinct physiological functions. <i>Brain Research Reviews</i> , 2000 , 33, 228-41		155
167	Reelin regulates postnatal neurogenesis and enhances spine hypertrophy and long-term potentiation. <i>Journal of Neuroscience</i> , 2010 , 30, 4636-49	6.6	150
166	Two members of a distinct subfamily of 5-hydroxytryptamine receptors differentially expressed in rat brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 3452-6	11.5	147
165	Orexin/hypocretin system modulates amygdala-dependent threat learning through the locus coeruleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20260-5	11.5	144
164	OCD-Like behaviors caused by a neuropotentiating transgene targeted to cortical and limbic D1+ neurons. <i>Journal of Neuroscience</i> , 1999 , 19, 5044-53	6.6	144
163	Hypocretins regulate the anxiogenic-like effects of nicotine and induce reinstatement of nicotine-seeking behavior. <i>Journal of Neuroscience</i> , 2010 , 30, 2300-10	6.6	143
162	Optogenetic disruption of sleep continuity impairs memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13305-10	11.5	141
161	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2487-96	16.6	138
160	The development of parvalbumin-immunoreactivity in the neocortex of the mouse. <i>Developmental Brain Research</i> , 1994 , 81, 247-59		138
159	Cortistatin is expressed in a distinct subset of cortical interneurons. <i>Journal of Neuroscience</i> , 1997 , 17, 5868-80	6.6	133
158	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus. <i>Brain Research</i> , 1996 , 731, 199-202	3.7	130

157	Hypothalamic neurotensin projections promote reward by enhancing glutamate transmission in the VTA. <i>Journal of Neuroscience</i> , 2013 , 33, 7618-26	6.6	118
156	Activation of central orexin/hypocretin neurons by dietary amino acids. <i>Neuron</i> , 2011 , 72, 616-29	13.9	113
155	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. <i>Journal of Physiology</i> , 2016 , 594, 6443-6462	3.9	111
154	Cell-specific effects of thyroid hormone on RC3/neurogranin expression in rat brain. <i>Endocrinology</i> , 1996 , 137, 1032-41	4.8	108
153	Antagonistic interplay between hypocretin and leptin in the lateral hypothalamus regulates stress responses. <i>Nature Communications</i> , 2015 , 6, 6266	17.4	105
152	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	25.5	104
151	Glutamatergic transmission in opiate and alcohol dependence. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1003, 196-211	6.5	102
150	Stress and arousal: the corticotrophin-releasing factor/hypocretin circuitry. <i>Molecular Neurobiology</i> , 2005 , 32, 285-94	6.2	101
149	Cloning, mRNA expression, and chromosomal mapping of mouse and human preprocortistatin. <i>Genomics</i> , 1997 , 42, 499-506	4.3	100
148	Cellular and subcellular immunolocalization of the type 3 serotonin receptor in the rat central nervous system. <i>Molecular Brain Research</i> , 1996 , 36, 251-60		100
147	The role of hypocretin in driving arousal and goal-oriented behaviors. <i>Brain Research</i> , 2010 , 1314, 103-113	7	97
146	Sleep to forget: interference of fear memories during sleep. <i>Molecular Psychiatry</i> , 2013 , 18, 1166-70	15.1	93
145	Developmental expression of parvalbumin mRNA in the cerebral cortex and hippocampus of the rat. <i>Molecular Brain Research</i> , 1995 , 32, 1-13		91
144	Neuronal Mechanisms for Sleep/Wake Regulation and Modulatory Drive. <i>Neuropsychopharmacology</i> , 2018 , 43, 937-952	8.7	89
143	Hypocretin (orexin) regulation of sleep-to-wake transitions. <i>Frontiers in Pharmacology</i> , 2014 , 5, 16	5.6	89
142	Neuropeptide S reinstates cocaine-seeking behavior and increases locomotor activity through corticotropin-releasing factor receptor 1 in mice. <i>Journal of Neuroscience</i> , 2009 , 29, 4155-61	6.6	87
141	Targeted disruption of RC3 reveals a calmodulin-based mechanism for regulating metaplasticity in the hippocampus. <i>Journal of Neuroscience</i> , 2002 , 22, 5525-35	6.6	84
140	Sleep and metabolism: shared circuits, new connections. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 362-70	8.8	83

139	Basal forebrain cholinergic modulation of sleep transitions. <i>Sleep</i> , 2014 , 37, 1941-51	1.1	82
138	The hypocretins as sensors for metabolism and arousal. <i>Journal of Physiology</i> , 2009 , 587, 33-40	3.9	82
137	Transient colocalization of parvalbumin and calbindin D28k in the postnatal cerebral cortex: evidence for a phenotypic shift in developing nonpyramidal neurons. <i>European Journal of Neuroscience</i> , 1996 , 8, 1329-39	3.5	81
136	Physiological arousal: a role for hypothalamic systems. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 1475-88	10.3	80
135	The brain hypocretins and their receptors: mediators of allostatic arousal. <i>Current Opinion in Pharmacology</i> , 2009 , 9, 39-45	5.1	79
134	The hypocretins and sleep. <i>FEBS Journal</i> , 2005 , 272, 5675-88	5.7	79
133	Isolation of clones of rat striatum-specific mRNAs by directional tag PCR subtraction. <i>Journal of Neuroscience</i> , 1994 , 14, 4915-26	6.6	79
132	Interaction of the hypocretins with neurotransmitters in the nucleus accumbens. <i>Regulatory Peptides</i> , 2002 , 104, 111-7		76
131	Expression of NGF and NT3 mRNAs in hippocampal interneurons innervated by the GABAergic septohippocampal pathway. <i>Journal of Neuroscience</i> , 1996 , 16, 3991-4004	6.6	76
130	Addiction and arousal: alternative roles of hypothalamic peptides. <i>Journal of Neuroscience</i> , 2006 , 26, 10372-5	6.6	75
129	Addiction and arousal: the hypocretin connection. <i>Physiology and Behavior</i> , 2008 , 93, 947-51	3.5	73
128	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	3.4	73
127	The hypocretins/orexins: novel hypothalamic neuropeptides involved in different physiological systems. <i>Cellular and Molecular Life Sciences</i> , 1999 , 56, 473-80	10.3	72
126	Shining light on wakefulness and arousal. <i>Biological Psychiatry</i> , 2012 , 71, 1046-52	7.9	71
125	Neuropeptide S facilitates cue-induced relapse to cocaine seeking through activation of the hypothalamic hypocretin system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19567-72	11.5	67
124	Hypocretin (orexin) neuromodulation of stress and reward pathways. <i>Current Opinion in Neurobiology</i> , 2014 , 29, 103-8	7.6	65
123	Optogenetic investigation of neural circuits in vivo. <i>Trends in Molecular Medicine</i> , 2011 , 17, 197-206	11.5	64
122	Urotensin II modulates rapid eye movement sleep through activation of brainstem cholinergic neurons. <i>Journal of Neuroscience</i> , 2005 , 25, 5465-74	6.6	62

121	Hypocretins in the control of sleep and wakefulness. <i>Current Neurology and Neuroscience Reports</i> , 2010 , 10, 174-9	6.6	61
120	Somatostatin receptor subtype 4 couples to the M-current to regulate seizures. <i>Journal of Neuroscience</i> , 2008 , 28, 3567-76	6.6	60
119	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, 242-52	3.4	56
118	G-protein gamma 7 subunit is selectively expressed in medium-sized neurons and dendrites of the rat neostriatum. <i>Journal of Neuroscience Research</i> , 1994 , 39, 108-16	4.4	55
117	Hypocretins and the neurobiology of sleep-wake mechanisms. <i>Progress in Brain Research</i> , 2012 , 198, 15-24	4.9	54
116	Cortistatin--functions in the central nervous system. <i>Molecular and Cellular Endocrinology</i> , 2008 , 286, 88-95	4.4	53
115	Hypocretins/orexins as integrators of physiological information: lessons from mutant animals. <i>Neuropeptides</i> , 2002 , 36, 85-95	3.3	51
114	Functional wiring of hypocretin and LC-NE neurons: implications for arousal. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 43	3.5	49
113	The hypocretin/orexin system: an increasingly important role in neuropsychiatry. <i>Medicinal Research Reviews</i> , 2015 , 35, 152-97	14.4	48
112	Hypocretins, Neural Systems, Physiology, and Psychiatric Disorders. <i>Current Psychiatry Reports</i> , 2016 , 18, 7	9.1	48
111	Transcripts encoding a neural membrane CD26 peptidase-like protein are stimulated by synaptic activity. <i>Molecular Brain Research</i> , 1994 , 25, 286-96		48
110	To sleep or not to sleep: neuronal and ecological insights. <i>Current Opinion in Neurobiology</i> , 2017 , 44, 132-138	13.8	47
109	Cortistatin is not a somatostatin analogue but stimulates prolactin release and inhibits GH and ACTH in a gender-dependent fashion: potential role of ghrelin. <i>Endocrinology</i> , 2011 , 152, 4800-12	4.8	47
108	Hypocretin as a Hub for Arousal and Motivation. <i>Frontiers in Neurology</i> , 2018 , 9, 413	4.1	43
107	Cortistatin inhibits migration and proliferation of human vascular smooth muscle cells and decreases neointimal formation on carotid artery ligation. <i>Circulation Research</i> , 2013 , 112, 1444-55	15.7	43
106	Optogenetic deconstruction of sleep-wake circuitry in the brain. <i>Frontiers in Molecular Neuroscience</i> , 2010 , 2, 31	6.1	41
105	A role for Melanin-Concentrating Hormone in learning and memory. <i>Peptides</i> , 2009 , 30, 2066-70	3.8	39
104	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, R1727-32	3.2	39

103	Lateral Hypothalamic Control of the Ventral Tegmental Area: Reward Evaluation and the Driving of Motivated Behavior. <i>Frontiers in Systems Neuroscience</i> , 2017 , 11, 50	3.5	38
102	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, 883-93	6	38
101	Late appearance of parvalbumin-immunoreactive neurons in the rodent cerebral cortex does not follow an 'inside-out' sequence. <i>Neuroscience Letters</i> , 1992 , 142, 147-50	3.3	36
100	The hypocretin (orexin) system: from a neural circuitry perspective. <i>Neuropharmacology</i> , 2020 , 167, 107993	5.3	35
99	Structural and compositional determinants of cortistatin activity. <i>Journal of Neuroscience Research</i> , 1999 , 56, 611-9	4.4	35
98	Hypothalamic Tuberomammillary Nucleus Neurons: Electrophysiological Diversity and Essential Role in Arousal Stability. <i>Journal of Neuroscience</i> , 2017 , 37, 9574-9592	6.6	34
97	Optogenetic control of hypocretin (orexin) neurons and arousal circuits. <i>Current Topics in Behavioral Neurosciences</i> , 2015 , 25, 367-78	3.4	34
96	Repeated in vivo exposure of cocaine induces long-lasting synaptic plasticity in hypocretin/orexin-producing neurons in the lateral hypothalamus in mice. <i>Journal of Physiology</i> , 2013 , 591, 1951-66	3.9	33
95	Sleep disruption impairs haematopoietic stem cell transplantation in mice. <i>Nature Communications</i> , 2015 , 6, 8516	17.4	31
94	A decade of hypocretins: past, present and future of the neurobiology of arousal. <i>Acta Physiologica</i> , 2010 , 198, 203-8	5.6	31
93	Cortistatin and somatostatin mRNAs are differentially regulated in response to kainate. <i>Molecular Brain Research</i> , 1999 , 72, 55-64		30
92	Hypocretins and Arousal. <i>Current Topics in Behavioral Neurosciences</i> , 2017 , 33, 93-104	3.4	30
91	Neural integration of reward, arousal, and feeding: recruitment of VTA, lateral hypothalamus, and ventral striatal neurons. <i>IUBMB Life</i> , 2011 , 63, 824-30	4.7	28
90	Cortistatin: not just another somatostatin analog. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2006 , 2, 356-7		28
89	Cortistatin affects glutamate sensitivity in mouse hypothalamic neurons through activation of sst2 somatostatin receptor subtype. <i>Neuroscience</i> , 1999 , 88, 359-64	3.9	28
88	Paradoxical effect of cortistatin treatment and its deficiency on experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2013 , 191, 2144-54	5.3	27
87	The corticotropin-releasing factor-hypocretin connection: implications in stress response and addiction. <i>Drug News and Perspectives</i> , 2005 , 18, 250-5		26
86	Optogenetics: opsins and optical interfaces in neuroscience. <i>Cold Spring Harbor Protocols</i> , 2014 , 2014, 815-22	1.2	24

85	Sleep and metabolism: role of hypothalamic neuronal circuitry. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2010 , 24, 817-28	6.5	24
84	Pattern of expression of the tetraspanin Tspan-5 during brain development in the mouse. <i>Mechanisms of Development</i> , 2001 , 106, 207-12	1.7	24
83	In vivo cell type-specific CRISPR knockdown of dopamine beta hydroxylase reduces locus coeruleus evoked wakefulness. <i>Nature Communications</i> , 2018 , 9, 5211	17.4	24
82	Cortistatin attenuates inflammatory pain via spinal and peripheral actions. <i>Neurobiology of Disease</i> , 2014 , 63, 141-54	7.5	23
81	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, 265-73	4.7	23
80	Chromosomal mapping of mouse genes expressed selectively within the central nervous system. <i>Genomics</i> , 1994 , 19, 454-61	4.3	23
79	Recent advances in understanding the roles of hypocretin/orexin in arousal, affect, and motivation. <i>F1000Research</i> , 2018 , 7,	3.6	23
78	Neural and Hormonal Control of Sexual Behavior. <i>Endocrinology</i> , 2020 , 161,	4.8	23
77	Plasma levels of neuropeptides and metabolic hormones, and sleepiness in obstructive sleep apnea. <i>Respiratory Medicine</i> , 2011 , 105, 1954-60	4.6	21
76	Cortistatin overexpression in transgenic mice produces deficits in synaptic plasticity and learning. <i>Molecular and Cellular Neurosciences</i> , 2005 , 30, 465-75	4.8	21
75	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, 504-12		21
74	Hypocretin/orexin deficiency decreases cocaine abuse liability. <i>Neuropharmacology</i> , 2018 , 133, 395-403	5.5	20
73	Optogenetic Investigation of Arousal Circuits. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	20
72	Analgesic effect of the neuropeptide cortistatin in murine models of arthritic inflammatory pain. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1390-401		20
71	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, 119-32	3.4	18
70	Mouse Tspan-5, a member of the tetraspanin superfamily, is highly expressed in brain cortical structures. <i>NeuroReport</i> , 2000 , 11, 3181-5	1.7	18
69	Optogenetics in psychiatric diseases. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 430-5	7.6	17
68	Intraventricular administration of neuropeptide S has reward-like effects. <i>European Journal of Pharmacology</i> , 2011 , 658, 16-21	5.3	17

67	Endogenous protein kinase A inhibitor (PKI α) modulates synaptic activity. <i>Journal of Neuroscience Research</i> , 1998 , 53, 269-78	4.4	17
66	Hypothalamic circuitry underlying stress-induced insomnia and peripheral immunosuppression. <i>Science Advances</i> , 2020 , 6,	14.3	17
65	Neuropeptide interactions and REM sleep: a role for Urotensin II?. <i>Peptides</i> , 2008 , 29, 845-51	3.8	16
64	In vivo assessment of behavioral recovery and circulatory exchange in the peritoneal parabiosis model. <i>Scientific Reports</i> , 2016 , 6, 29015	4.9	16
63	The hypocretins and their role in narcolepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2009 , 8, 271-80	3.8	15
62	The gene encoding rat phosphoglycerate mutase subunit M: cloning and promoter analysis in skeletal muscle cells. <i>Gene</i> , 1994 , 147, 243-8	3.8	15
61	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. <i>Frontiers in Neurology</i> , 2015 , 6, 32	4.1	14
60	Isolation and sequencing of a cDNA encoding the B isozyme of rat phosphoglycerate mutase. <i>Gene</i> , 1992 , 113, 281-2	3.8	14
59	Optical probing of orexin/hypocretin receptor antagonists. <i>Sleep</i> , 2018 , 41,	1.1	13
58	Control of sleep-to-wake transitions via fast aminoacid and slow neuropeptide transmission. <i>New Journal of Physics</i> , 2014 , 16,	2.9	13
57	Cortistatin promotes and negatively correlates with slow-wave sleep. <i>European Journal of Neuroscience</i> , 2007 , 26, 729-38	3.5	13
56	Overexpression of the human beta-amyloid precursor protein downregulates cortistatin mRNA in PDAPP mice. <i>Brain Research</i> , 2004 , 1023, 157-62	3.7	13
55	Developmental regulation of two isoforms of Ca(2+)/calmodulin-dependent protein kinase I beta in rat brain. <i>Brain Research</i> , 2000 , 869, 137-45	3.7	13
54	Superficial Layer-Specific Histaminergic Modulation of Medial Entorhinal Cortex Required for Spatial Learning. <i>Cerebral Cortex</i> , 2016 , 26, 1590-1608	5.1	12
53	Novel neurotransmitters for sleep and energy homeostasis. <i>Results and Problems in Cell Differentiation</i> , 1999 , 26, 239-55	1.4	12
52	A collection of cDNAs enriched in upper cortical layers of the embryonic mouse brain. <i>Molecular Brain Research</i> , 2004 , 122, 133-50		10
51	Arousal State-Dependent Alterations in VTA-GABAergic Neuronal Activity. <i>ENeuro</i> , 2020 , 7,	3.9	10
50	Rat intersubjective decisions are encoded by frequency-specific oscillatory contexts. <i>Brain and Behavior</i> , 2017 , 7, e00710	3.4	9

49	Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing. <i>Cell Reports</i> , 2020 , 31, 107779	10.6	9
48	Effect of cortistatin on tau phosphorylation at Ser262 site. <i>Journal of Neuroscience Research</i> , 2008 , 86, 2462-75	4.4	9
47	Cortistatin radioligand binding in wild-type and somatostatin receptor-deficient mouse brain. <i>Regulatory Peptides</i> , 2005 , 124, 179-86		9
46	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4985-4998	15.9	9
45	Neuronal substrates for initiation, maintenance, and structural organization of sleep/wake states. <i>F1000Research</i> , 2017 , 6, 212	3.6	9
44	Cortistatin Is a Key Factor Regulating the Sex-Dependent Response of the GH and Stress Axes to Fasting in Mice. <i>Endocrinology</i> , 2016 , 157, 2810-23	4.8	8
43	Cortistatin as a therapeutic target in inflammation. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 1-9	6.4	8
42	Optogenetics in Freely Moving Mammals: Dopamine and Reward. <i>Cold Spring Harbor Protocols</i> , 2015 , 2015, 715-24	1.2	7
41	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	3.7	7
40	Hyperexcitable arousal circuits drive sleep instability during aging.. <i>Science</i> , 2022 , 375, eabh3021	33.3	6
39	Light and chemical control of neuronal circuits: possible applications in neurotherapy. <i>Expert Review of Neurotherapeutics</i> , 2014 , 14, 1007-17	4.3	5
38	Not So Giants: Mice Lacking Both Somatostatin and Cortistatin Have High GH Levels but Show No Changes in Growth Rate or IGF-1 Levels. <i>Endocrinology</i> , 2015 , 156, 1958-64	4.8	5
37	Hypocretins (orexins): The ultimate translational neuropeptides.. <i>Journal of Internal Medicine</i> , 2022 ,	10.8	5
36	Relaciones entre el sueño y la adicción. <i>Revista De Psicología De La Salud</i> , 2012 , 24, 287	1	5
35	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus 1996 , 731, 199-199		5
34	Obesity- and gender-dependent role of endogenous somatostatin and cortistatin in the regulation of endocrine and metabolic homeostasis in mice. <i>Scientific Reports</i> , 2016 , 6, 37992	4.9	5
33	Establishing a fiber-optic-based optical neural interface. <i>Cold Spring Harbor Protocols</i> , 2014 , 2014, 839-44.2		4
32	Non-synonymous polymorphism in the neuropeptide S precursor gene and sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 403-8	3.1	4

31	Somatostatin, cortistatin and their receptors in health and disease. Foreword. <i>Molecular and Cellular Endocrinology</i> , 2008 , 286, 1-2	4.4	4
30	Hypocretin (Orexin) Replacement Therapies. <i>Medicine in Drug Discovery</i> , 2020 , 8, 100070	7	4
29	Neurobiological and Hormonal Mechanisms Regulating Women's Sleep. <i>Frontiers in Neuroscience</i> , 2020 , 14, 625397	5.1	4
28	Hypocretins (Orexins): Twenty Years of Dissecting Arousal Circuits 2019 , 1-29		3
27	Lack of cortistatin or somatostatin differentially influences DMBA-induced mammary gland tumorigenesis in mice in an obesity-dependent mode. <i>Breast Cancer Research</i> , 2016 , 18, 29	8.3	3
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