

# Luis de Lecea

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hypocretins (orexins): The ultimate translational neuropeptides.. <i>Journal of Internal Medicine</i> , <b>2022</b> ,	10.8	5
191	Lateral hypothalamic galanin neurons are activated by stress and blunt anxiety-like behavior in mice.. <i>Behavioural Brain Research</i> , <b>2022</b> , 113773	3.4	1
190	Hyperexcitable arousal circuits drive sleep instability during aging.. <i>Science</i> , <b>2022</b> , 375, eabh3021	33.3	6
189	Heterogeneity of Hypocretin/Orexin Neurons. <i>Frontiers of Neurology and Neuroscience</i> , <b>2021</b> , 45, 61-74	1.1	2
188	Twenty-Three Years of Hypocretins: The "Rosetta Stone" of Sleep/Arousal Circuits. <i>Frontiers of Neurology and Neuroscience</i> , <b>2021</b> , 45, 1-10	1.1	3
187	Peripheral Lipopolysaccharide Rapidly Silences REM-Active LH Neurons. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 649428	3.5	1
186	Orexin receptors in GtoPdb v.2021.3.. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , <b>2021</b> , 2021,	1.7	2
185	Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing. <i>Cell Reports</i> , <b>2020</b> , 31, 107779	10.6	9
184	Multisensory modulation of body ownership in mice. <i>Neuroscience of Consciousness</i> , <b>2020</b> , 2020, niz019	3.3	1
183	The hypocretin (orexin) system: from a neural circuitry perspective. <i>Neuropharmacology</i> , <b>2020</b> , 167, 107993	9.3	35
182	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4985-4998	15.9	9
181	Arousal State-Dependent Alterations in VTA-GABAergic Neuronal Activity. <i>ENeuro</i> , <b>2020</b> , 7,	3.9	10
180	Hypocretin (Orexin) Replacement Therapies. <i>Medicine in Drug Discovery</i> , <b>2020</b> , 8, 100070	7	4
179	Neural and Hormonal Control of Sexual Behavior. <i>Endocrinology</i> , <b>2020</b> , 161,	4.8	23
178	Hypothalamic circuitry underlying stress-induced insomnia and peripheral immunosuppression. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	17
177	Neurobiological and Hormonal Mechanisms Regulating Women's Sleep. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 625397	5.1	4
176	Hypocretins (Orexins): Twenty Years of Dissecting Arousal Circuits <b>2019</b> , 1-29		3

175	Hypocretin and the Regulation of Sleep-Wake Transitions. <i>Handbook of Behavioral Neuroscience</i> , <b>2019</b> , 89-99	0.7	2
174	Construction of Viral Vectors for Cell Type-specific CRISPR Gene Editing in the Adult Mouse Brain. <i>Bio-protocol</i> , <b>2019</b> , 9, e3334	0.9	
173	In vivo cell type-specific CRISPR gene editing for sleep research. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 316, 99-102	3	3
172	Hypocretin/orexin deficiency decreases cocaine abuse liability. <i>Neuropharmacology</i> , <b>2018</b> , 133, 395-403	5.5	20
171	Neuronal Mechanisms for Sleep/Wake Regulation and Modulatory Drive. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 937-952	8.7	89
170	Optical probing of orexin/hypocretin receptor antagonists. <i>Sleep</i> , <b>2018</b> , 41,	1.1	13
169	Parallel circuits from the bed nuclei of stria terminalis to the lateral hypothalamus drive opposing emotional states. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 1084-1095	25.5	104
168	Hypocretin as a Hub for Arousal and Motivation. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 413	4.1	43
167	Recent advances in understanding the roles of hypocretin/orexin in arousal, affect, and motivation. <i>F1000Research</i> , <b>2018</b> , 7,	3.6	23
166	In vivo cell type-specific CRISPR knockdown of dopamine beta hydroxylase reduces locus coeruleus evoked wakefulness. <i>Nature Communications</i> , <b>2018</b> , 9, 5211	17.4	24
165	To sleep or not to sleep: neuronal and ecological insights. <i>Current Opinion in Neurobiology</i> , <b>2017</b> , 44, 132-138	138	47
164	Rat intersubjective decisions are encoded by frequency-specific oscillatory contexts. <i>Brain and Behavior</i> , <b>2017</b> , 7, e00710	3.4	9
163	Stress Coping and Resilience Modeled in Mice <b>2017</b> , 1145-1153		
162	Hypothalamic Tuberomammillary Nucleus Neurons: Electrophysiological Diversity and Essential Role in Arousal Stability. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 9574-9592	6.6	34
161	Optogenetic Investigation of Arousal Circuits. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	20
160	Lateral Hypothalamic Control of the Ventral Tegmental Area: Reward Evaluation and the Driving of Motivated Behavior. <i>Frontiers in Systems Neuroscience</i> , <b>2017</b> , 11, 50	3.5	38
159	Neuronal substrates for initiation, maintenance, and structural organization of sleep/wake states. <i>F1000Research</i> , <b>2017</b> , 6, 212	3.6	9
158	Hypocretins and Arousal. <i>Current Topics in Behavioral Neurosciences</i> , <b>2017</b> , 33, 93-104	3.4	30

157	Cortistatin Is a Key Factor Regulating the Sex-Dependent Response of the GH and Stress Axes to Fasting in Mice. <i>Endocrinology</i> , <b>2016</b> , 157, 2810-23	4.8	8
156	Lack of cortistatin or somatostatin differentially influences DMBA-induced mammary gland tumorigenesis in mice in an obesity-dependent mode. <i>Breast Cancer Research</i> , <b>2016</b> , 18, 29	8.3	3
155	Fasting modulates GH/IGF-I axis and its regulatory systems in the mammary gland of female mice: Influence of endogenous cortistatin. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 434, 14-24	4.4	1
154	Hypocretins, Neural Systems, Physiology, and Psychiatric Disorders. <i>Current Psychiatry Reports</i> , <b>2016</b> , 18, 7	9.1	48
153	Superficial Layer-Specific Histaminergic Modulation of Medial Entorhinal Cortex Required for Spatial Learning. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1590-1608	5.1	12
152	Hubs and spokes of the lateral hypothalamus: cell types, circuits and behaviour. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6443-6462	3.9	111
151	In vivo assessment of behavioral recovery and circulatory exchange in the peritoneal parabiosis model. <i>Scientific Reports</i> , <b>2016</b> , 6, 29015	4.9	16
150	Obesity- and gender-dependent role of endogenous somatostatin and cortistatin in the regulation of endocrine and metabolic homeostasis in mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 37992	4.9	5
149	VTA dopaminergic neurons regulate ethologically relevant sleep-wake behaviors. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1356-66	25.5	264
148	Antagonistic interplay between hypocretin and leptin in the lateral hypothalamus regulates stress responses. <i>Nature Communications</i> , <b>2015</b> , 6, 6266	17.4	105
147	Optogenetics in Freely Moving Mammals: Dopamine and Reward. <i>Cold Spring Harbor Protocols</i> , <b>2015</b> , 2015, 715-24	1.2	7
146	Sleep disruption impairs haematopoietic stem cell transplantation in mice. <i>Nature Communications</i> , <b>2015</b> , 6, 8516	17.4	31
145	The hypocretin/orexin system: an increasingly important role in neuropsychiatry. <i>Medicinal Research Reviews</i> , <b>2015</b> , 35, 152-97	14.4	48
144	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> , <b>2015</b> , 156, 1958-64	4.8	5
143	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 32	4.1	14
142	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 121-121	16.6	1
141	Optogenetic control of hypocretin (orexin) neurons and arousal circuits. <i>Current Topics in Behavioral Neurosciences</i> , <b>2015</b> , 25, 367-78	3.4	34
140	Obesity alters gene expression for GH/IGF-I axis in mouse mammary fat pads: differential role of cortistatin and somatostatin. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120955	3.7	7

139	Optogenetic Dissection of Neural Circuit Function in Behaving Animals. <i>NeuroMethods</i> , <b>2015</b> , 143-160	0.4	
138	The Hypocretin Story <b>2015</b> , 27-35		
137	Resting easy with a sleep regulator. <i>ELife</i> , <b>2015</b> , 4, e12093	8.9	
136	The hypocretins/orexins: integrators of multiple physiological functions. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 332-50	8.6	170
135	Hypocretin (orexin) neuromodulation of stress and reward pathways. <i>Current Opinion in Neurobiology</i> , <b>2014</b> , 29, 103-8	7.6	65
134	Optogenetics: opsins and optical interfaces in neuroscience. <i>Cold Spring Harbor Protocols</i> , <b>2014</b> , 2014, 815-22	1.2	24
133	Light and chemical control of neuronal circuits: possible applications in neurotherapy. <i>Expert Review of Neurotherapeutics</i> , <b>2014</b> , 14, 1007-17	4.3	5
132	Establishing a fiber-optic-based optical neural interface. <i>Cold Spring Harbor Protocols</i> , <b>2014</b> , 2014, 839-44	4.2	4
131	Hypocretin (orexin) regulation of sleep-to-wake transitions. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 16	5.6	89
130	Basal forebrain cholinergic modulation of sleep transitions. <i>Sleep</i> , <b>2014</b> , 37, 1941-51	1.1	82
129	Control of sleep-to-wake transitions via fast aminoacid and slow neuropeptide transmission. <i>New Journal of Physics</i> , <b>2014</b> , 16,	2.9	13
128	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2487-96	16.6	138
127	Cortistatin attenuates inflammatory pain via spinal and peripheral actions. <i>Neurobiology of Disease</i> , <b>2014</b> , 63, 141-54	7.5	23
126	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> , <b>2013</b> , 110, 20260-5	11.5	144
125	Sleep to forget: interference of fear memories during sleep. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 1166-70	15.1	93
124	Optogenetics in psychiatric diseases. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 430-5	7.6	17
123	Analgesic effect of the neuropeptide cortistatin in murine models of arthritic inflammatory pain. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 1390-401		20
122	Hypothalamic neurotensin projections promote reward by enhancing glutamate transmission in the VTA. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 7618-26	6.6	118

121	Paradoxical effect of cortistatin treatment and its deficiency on experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , <b>2013</b> , 191, 2144-54	5.3	27
120	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> , <b>2013</b> , 591, 1951-66	3.9	33
119	Cortistatin inhibits migration and proliferation of human vascular smooth muscle cells and decreases neointimal formation on carotid artery ligation. <i>Circulation Research</i> , <b>2013</b> , 112, 1444-55	15.7	43
118	Hypocretins (Orexins) <b>2013</b> , 812-818		
117	Functional wiring of hypocretin and LC-NE neurons: implications for arousal. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 43	3.5	49
116	Mechanism for Hypocretin-mediated sleep-to-wake transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E2635-44	11.5	191
115	Shining light on wakefulness and arousal. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 1046-52	7.9	71
114	Hypocretins and the neurobiology of sleep-wake mechanisms. <i>Progress in Brain Research</i> , <b>2012</b> , 198, 15-249		54
113	Relaciones entre el sueño y la adicción. <i>Revista De Psicología De La Salud</i> , <b>2012</b> , 24, 287	1	5
112	Optogenetic Probing of Hypocretins Regulation of Wakefulness <b>2011</b> , 129-137		
111	Optogenetic investigation of neural circuits in vivo. <i>Trends in Molecular Medicine</i> , <b>2011</b> , 17, 197-206	11.5	64
110	Activation of central orexin/hypocretin neurons by dietary amino acids. <i>Neuron</i> , <b>2011</b> , 72, 616-29	13.9	113
109	Plasma levels of neuropeptides and metabolic hormones, and sleepiness in obstructive sleep apnea. <i>Respiratory Medicine</i> , <b>2011</b> , 105, 1954-60	4.6	21
108	Intraventricular administration of neuropeptide S has reward-like effects. <i>European Journal of Pharmacology</i> , <b>2011</b> , 658, 16-21	5.3	17
107	Non-synonymous polymorphism in the neuropeptide S precursor gene and sleep apnea. <i>Sleep and Breathing</i> , <b>2011</b> , 15, 403-8	3.1	4
106	Neural integration of reward, arousal, and feeding: recruitment of VTA, lateral hypothalamus, and ventral striatal neurons. <i>IUBMB Life</i> , <b>2011</b> , 63, 824-30	4.7	28
105	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> , <b>2011</b> , 152, 4800-12	4.8	47
104	Optogenetic interrogation of dopaminergic modulation of the multiple phases of reward-seeking behavior. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 10829-35	6.6	264

103	Optogenetic disruption of sleep continuity impairs memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 13305-10	11.5	141
102	The Hypocretins/Orexins: Master Regulators of Arousal and Hyperarousal <b>2011</b> , 121-128		
101	A decade of hypocretins: past, present and future of the neurobiology of arousal. <i>Acta Physiologica</i> , <b>2010</b> , 198, 203-8	5.6	31
100	Tuning arousal with optogenetic modulation of locus coeruleus neurons. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 1526-33	25.5	609
99	Optogenetic interrogation of neural circuits: technology for probing mammalian brain structures. <i>Nature Protocols</i> , <b>2010</b> , 5, 439-56	18.8	740
98	Optogenetic deconstruction of sleep-wake circuitry in the brain. <i>Frontiers in Molecular Neuroscience</i> , <b>2010</b> , 2, 31	6.1	41
97	Hypocretins regulate the anxiogenic-like effects of nicotine and induce reinstatement of nicotine-seeking behavior. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 2300-10	6.6	143
96	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> , <b>2010</b> , 107, 19567-72	11.5	67
95	Reelin regulates postnatal neurogenesis and enhances spine hypertrophy and long-term potentiation. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 4636-49	6.6	150
94	Sleep and metabolism: role of hypothalamic neuronal circuitry. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 24, 817-28	6.5	24
93	Hypocretins in the control of sleep and wakefulness. <i>Current Neurology and Neuroscience Reports</i> , <b>2010</b> , 10, 174-9	6.6	61
92	The role of hypocretin in driving arousal and goal-oriented behaviors. <i>Brain Research</i> , <b>2010</b> , 1314, 103-113	3.7	97
91	Neuropeptide S reinstates cocaine-seeking behavior and increases locomotor activity through corticotropin-releasing factor receptor 1 in mice. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 4155-61	6.6	87
90	The hypocretins as sensors for metabolism and arousal. <i>Journal of Physiology</i> , <b>2009</b> , 587, 33-40	3.9	82
89	The brain hypocretins and their receptors: mediators of allostatic arousal. <i>Current Opinion in Pharmacology</i> , <b>2009</b> , 9, 39-45	5.1	79
88	A role for Melanin-Concentrating Hormone in learning and memory. <i>Peptides</i> , <b>2009</b> , 30, 2066-70	3.8	39
87	Phasic firing in dopaminergic neurons is sufficient for behavioral conditioning. <i>Science</i> , <b>2009</b> , 324, 1080-4	33.3	897
86	Sleep homeostasis modulates hypocretin-mediated sleep-to-wake transitions. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 10939-49	6.6	199

85	The hypocretins and their role in narcolepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2009</b> , 8, 271-280		15
84	Hyperarousal and Post-Traumatic Stress Disorder: A Role for the Hypocretin System <b>2009</b> , 201-211		1
83	Neuropeptide interactions and REM sleep: a role for Urotensin II?. <i>Peptides</i> , <b>2008</b> , 29, 845-51	3.8	16
82	Addiction and arousal: the hypocretin connection. <i>Physiology and Behavior</i> , <b>2008</b> , 93, 947-51	3.5	73
81	Sleep and metabolism: shared circuits, new connections. <i>Trends in Endocrinology and Metabolism</i> , <b>2008</b> , 19, 362-70	8.8	83
80	Cortistatin--functions in the central nervous system. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 286, 88-95	4.4	53
79	Somatostatin, cortistatin and their receptors in health and disease. Foreword. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 286, 1-2	4.4	4
78	Somatostatin receptor subtype 4 couples to the M-current to regulate seizures. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 3567-76	6.6	60
77	Physiological arousal: a role for hypothalamic systems. <i>Cellular and Molecular Life Sciences</i> , <b>2008</b> , 65, 1475-88	10.3	80
76	Effect of cortistatin on tau phosphorylation at Ser262 site. <i>Journal of Neuroscience Research</i> , <b>2008</b> , 86, 2462-75	4.4	9
75	Circuit-breakers: optical technologies for probing neural signals and systems. <i>Nature Reviews Neuroscience</i> , <b>2007</b> , 8, 577-81	13.5	512
74	Neural substrates of awakening probed with optogenetic control of hypocretin neurons. <i>Nature</i> , <b>2007</b> , 450, 420-4	50.4	957
73	Cortistatin promotes and negatively correlates with slow-wave sleep. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 729-38	3.5	13
72	Cortistatin as a therapeutic target in inflammation. <i>Expert Opinion on Therapeutic Targets</i> , <b>2007</b> , 11, 1-9	6.4	8
71	Cortistatin: not just another somatostatin analog. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , <b>2006</b> , 2, 356-7		28
70	Addiction and arousal: alternative roles of hypothalamic peptides. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 10372-5	6.6	75
69	Transgenic mice with a reduced core body temperature have an increased life span. <i>Science</i> , <b>2006</b> , 314, 825-8	33.3	276
68	The Hypocretins (Orexins) <b>2006</b> , 721-730		



67	Cortistatin overexpression in transgenic mice produces deficits in synaptic plasticity and learning. <i>Molecular and Cellular Neurosciences</i> , <b>2005</b> , 30, 465-75	4.8	21
66	Cortistatin radioligand binding in wild-type and somatostatin receptor-deficient mouse brain. <i>Regulatory Peptides</i> , <b>2005</b> , 124, 179-86		9
65	Stress and arousal: the corticotrophin-releasing factor/hypocretin circuitry. <i>Molecular Neurobiology</i> , <b>2005</b> , 32, 285-94	6.2	101
64	The hypocretins and sleep. <i>FEBS Journal</i> , <b>2005</b> , 272, 5675-88	5.7	79
63	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> , <b>2005</b> , 490, 119-32	3.4	18
62	The Discovery of the Hypocretins <b>2005</b> , 3-11		
61	Injection of neuropeptide W into paraventricular nucleus of hypothalamus increases food intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R1727-32 <sup>3.2</sup>		39
60	Urotensin II modulates rapid eye movement sleep through activation of brainstem cholinergic neurons. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 5465-74	6.6	62
59	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> , <b>2005</b> , 102, 19168-73	11.5	422
58	The corticotropin-releasing factor-hypocretin connection: implications in stress response and addiction. <i>Drug News and Perspectives</i> , <b>2005</b> , 18, 250-5		26
57	Cortistatin- A Novel Member of the Somatostatin Gene Family. <i>Growth Hormone</i> , <b>2004</b> , 29-45		1
56	Chronic morphine treatment alters N-methyl-D-aspartate receptors in freshly isolated neurons from nucleus accumbens. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2004</b> , 311, 265-73	4.7	23
55	Interaction between the corticotropin-releasing factor system and hypocretins (orexins): a novel circuit mediating stress response. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 11439-48	6.6	353
54	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> , <b>2004</b> , 90, 883-93	6	38
53	Overexpression of the human beta-amyloid precursor protein downregulates cortistatin mRNA in PDAPP mice. <i>Brain Research</i> , <b>2004</b> , 1023, 157-62	3.7	13
52	Neuropeptide S: a neuropeptide promoting arousal and anxiolytic-like effects. <i>Neuron</i> , <b>2004</b> , 43, 487-97	13.9	415
51	A collection of cDNAs enriched in upper cortical layers of the embryonic mouse brain. <i>Molecular Brain Research</i> , <b>2004</b> , 122, 133-50		10
50	Reverse Genetics and the Study of Sleep-Wake Cycle <b>2004</b> , 106-118		

49	Glutamatergic transmission in opiate and alcohol dependence. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1003, 196-211	6.5	102
48	The role of the hypocretinergic system in the integration of networks that dictate the states of arousal. <i>Drug News and Perspectives</i> , <b>2003</b> , 16, 504-12		21
47	Hypocretins/orexins as integrators of physiological information: lessons from mutant animals. <i>Neuropeptides</i> , <b>2002</b> , 36, 85-95	3.3	51
46	The hypocretins: setting the arousal threshold. <i>Nature Reviews Neuroscience</i> , <b>2002</b> , 3, 339-49	13.5	369
45	Interaction of the hypocretins with neurotransmitters in the nucleus accumbens. <i>Regulatory Peptides</i> , <b>2002</b> , 104, 111-7		76
44	Targeted disruption of RC3 reveals a calmodulin-based mechanism for regulating metaplasticity in the hippocampus. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 5525-35	6.6	84
43	Activation of Hypocretin Neurons and Sleep. <i>Advances in Behavioral Biology</i> , <b>2002</b> , 385-388		
42	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> , <b>2001</b> , 429, 242-52	3.4	56
41	Mapping of the mRNAs for the hypocretin/orexin and melanin-concentrating hormone receptors: networks of overlapping peptide systems. <i>Journal of Comparative Neurology</i> , <b>2001</b> , 435, 1-5	3.4	73
40	Pattern of expression of the tetraspanin Tspan-5 during brain development in the mouse. <i>Mechanisms of Development</i> , <b>2001</b> , 106, 207-12	1.7	24
39	Mouse Tspan-5, a member of the tetraspanin superfamily, is highly expressed in brain cortical structures. <i>NeuroReport</i> , <b>2000</b> , 11, 3181-5	1.7	18
38	The hypocretins: excitatory neuromodulatory peptides for multiple homeostatic systems, including sleep and feeding. <i>Journal of Neuroscience Research</i> , <b>2000</b> , 62, 161-8	4.4	182
37	Developmental regulation of two isoforms of Ca(2+)/calmodulin-dependent protein kinase I beta in rat brain. <i>Brain Research</i> , <b>2000</b> , 869, 137-45	3.7	13
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33	OCD-Like behaviors caused by a neuropotentiating transgene targeted to cortical and limbic D1+ neurons. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 5044-53	6.6	144
32	The hypocretins/orexins: novel hypothalamic neuropeptides involved in different physiological systems. <i>Cellular and Molecular Life Sciences</i> , <b>1999</b> , 56, 473-80	10.3	72

31	Structural and compositional determinants of cortistatin activity. <i>Journal of Neuroscience Research</i> , <b>1999</b> , 56, 611-9	4.4	35
30	Cortistatin affects glutamate sensitivity in mouse hypothalamic neurons through activation of sst2 somatostatin receptor subtype. <i>Neuroscience</i> , <b>1999</b> , 88, 359-64	3.9	28
29	Cortistatin and somatostatin mRNAs are differentially regulated in response to kainate. <i>Molecular Brain Research</i> , <b>1999</b> , 72, 55-64		30
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24	Regional and cellular patterns of reelin mRNA expression in the forebrain of the developing and adult mouse. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 7779-99	6.6	466
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22	Cloning, mRNA expression, and chromosomal mapping of mouse and human preprocortistatin. <i>Genomics</i> , <b>1997</b> , 42, 499-506	4.3	100
21	Cellular and subcellular immunolocalization of the type 3 serotonin receptor in the rat central nervous system. <i>Molecular Brain Research</i> , <b>1996</b> , 36, 251-60		100
20	Expression of NGF and NT3 mRNAs in hippocampal interneurons innervated by the GABAergic septohippocampal pathway. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 3991-4004	6.6	76
19	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> , <b>1996</b> , 93, 8733-8	11.5	233
18	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus. <i>Brain Research</i> , <b>1996</b> , 731, 199-202	3.7	130
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15	Cell-specific effects of thyroid hormone on RC3/neurogranin expression in rat brain. <i>Endocrinology</i> , <b>1996</b> , 137, 1032-41	4.8	108
14	The type 3 serotonin receptor is expressed in a subpopulation of GABAergic neurons in the rat neocortex and hippocampus <b>1996</b> , 731, 199-199		5

13	Developmental expression of parvalbumin mRNA in the cerebral cortex and hippocampus of the rat. <i>Molecular Brain Research</i> , <b>1995</b> , 32, 1-13		91
12	Isolation of clones of rat striatum-specific mRNAs by directional tag PCR subtraction. <i>Journal of Neuroscience</i> , <b>1994</b> , 14, 4915-26	6.6	79
11	G-protein gamma 7 subunit is selectively expressed in medium-sized neurons and dendrites of the rat neostriatum. <i>Journal of Neuroscience Research</i> , <b>1994</b> , 39, 108-16	4.4	55
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9	Transcripts encoding a neural membrane CD26 peptidase-like protein are stimulated by synaptic activity. <i>Molecular Brain Research</i> , <b>1994</b> , 25, 286-96		48
8	Chromosomal mapping of mouse genes expressed selectively within the central nervous system. <i>Genomics</i> , <b>1994</b> , 19, 454-61	4.3	23
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4	Late appearance of parvalbumin-immunoreactive neurons in the rodent cerebral cortex does not follow an 'inside-out' sequence. <i>Neuroscience Letters</i> , <b>1992</b> , 142, 147-50	3.3	36
3	Isolation and sequencing of a cDNA encoding the B isozyme of rat phosphoglycerate mutase. <i>Gene</i> , <b>1992</b> , 113, 281-2	3.8	14
2	Optogenetic control of arousal neurons	66-72	1
1	Neuropeptides and sleep/wake regulation	387-401	1