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Orexins and orexin receptors: a family of hypothalamic neuropeptides and G protein-coupled receptors that regulate feeding behavior

DOI: 10.1016/s0092-8674(00)80949-6
Cell, 1998, 92, 573-85.

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#	Paper	IF	Citations
2275	Structural neuroimaging of narcolepsy. 218-222		
2274	Unraveling the central nervous system pathways underlying responses to leptin. 1998 , 1, 445-50		431
2273	Mice lacking melanin-concentrating hormone are hypophagic and lean. 1998 , 396, 670-4		982
2272	Leptin and the regulation of body weight in mammals. 1998 , 395, 763-70		4178
2271	Orphan G-protein-coupled receptors: the next generation of drug targets?. 1998 , 125, 1387-92		93
2270	Orexins and appetite: the big picture of energy homeostasis gets a little bigger. 1998 , 4, 385-6		17
2269	Hypocretins or hyporexins?. 1998 , 4, 645		2
2268	The power of genomics to transform the biotechnology industry. 1998 , 16 Suppl, 25-7		7
2267	Obesity: progress through genetic manipulation. 1998 , 8, R251-2		4
2266	Toward a new neurobiology of energy balance, appetite, and obesity: The anatomists weigh in. 1998 , 402, 435-441		211
2265	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area. 1998 , 402, 442-459		737
2264	Hypocretin/Orexin- and melanin-concentrating hormone-expressing cells form distinct populations in the rodent lateral hypothalamus: Relationship to the neuropeptide Y and agouti gene-related protein systems. 1998 , 402, 460-474		592
2263	La leptine et l'obésité. 1998 , 1998, 30-34		
2262	Orexins, a novel family of hypothalamic neuropeptides, modulate pituitary luteinizing hormone secretion in an ovarian steroid-dependent manner. 1998 , 78, 133-6		167
2261	Signals that regulate food intake and energy homeostasis. 1998 , 280, 1378-83		962
2260	Interaction between body composition, leptin and growth hormone status. 1998 , 12, 297-314		34
2259	Leptin and its receptors: regulators of whole-body energy homeostasis. 1998 , 15, 457-75		148

2258	Obesity and the hypothalamus: novel peptides for new pathways. <i>Cell</i> , 1998 , 92, 437-40	56.2	360
2257	Functional genomics: the search for novel neurotransmitters and neuropeptides. 1998 , 430, 55-8		44
2256	Distribution of orexin receptor mRNA in the rat brain. 1998 , 438, 71-5		765
2255	Induction of outward current by orexin-B in mouse peritoneal macrophages. 1998 , 440, 51-4		20
2254	Discovery of a novel superpotent and selective melanocortin-4 receptor antagonist (HS024): evaluation in vitro and in vivo. 1998 , 139, 5006-14		144
2253	Mass spectrometry. 1998 , 70, 647R-716R		185
2252	Leptin, a pleiotropic hormone: physiology, pharmacology, and strategies for discovery of leptin modulators. 1998 , 41, 5337-52		32
2251	Evidence that orexigenic effects of melanocortin 4 receptor antagonist HS014 are mediated by neuropeptide Y. 1998 , 248, 245-9		60
2250	Isolation and characterization of a novel endogenous peptide ligand for the human APJ receptor. 1998 , 251, 471-6		1221
2249	Independent feeding and metabolic actions of orexins in mice. 1998 , 253, 241-5		286
2248	Serum leptin levels do not rise during pregnancy in age-matched rats. 1998 , 253, 841-4		36
2247	Therapeutic approaches to obesity. 1998 , 8, 1683-1694		6
2246	Strategies and potential molecular targets for obesity treatment. 1998 , 280, 1383-7		130
2245	La leptine, l'obésité des rongeurs et le circuit neuroendocrinien contrôlant le poids corporel. 1998 , 9, 305-320		
2244	Prominent neuronal-specific tub gene expression in cellular targets of tubby mice mutation. 1998 , 7, 1437-47		28
2243	Obesity and mild hyperinsulinemia found in neuropeptide Y-Y1 receptor-deficient mice. 1998 , 95, 15659-64		183
2242	Transcription factor STAT3 in leptin target neurons of the rat hypothalamus. 1998 , 68, 420-7		105
2241	Neurons containing hypocretin (orexin) project to multiple neuronal systems. 1998 , 18, 9996-10015		2805

2240	Orexins and anorexins: thoughts for food. 1998 , 139, 148-9	3
2239	Orexin B inhibits proliferation and stimulates specialized function of cultured rat calvarial osteoblast-like cells. 1998 , 22, 749	1
2238	Presynaptic and postsynaptic actions and modulation of neuroendocrine neurons by a new hypothalamic peptide, hypocretin/orexin. 1998 , 18, 7962-71	485
2237	Meal patterns associated with the age-related decline in food intake in the Fischer 344 rat. 1998 , 275, R1494-502	21
2236	Eating induced by perifornical cAMP is behaviorally selective and involves protein kinase activity. 1998 , 275, R647-53	2
2235	Sympathetic and cardiovascular actions of orexins in conscious rats. 1999 , 277, R1780-5	167
2234	Conformational ensembles: the role of neuropeptide structures in receptor binding. 1999 , 19, 6318-26	26
2233	Obesity and Aging. 1999 , 15, 391-412	26
2232	Synaptic interaction between hypocretin (orexin) and neuropeptide Y cells in the rodent and primate hypothalamus: a novel circuit implicated in metabolic and endocrine regulations. 1999 , 19, 1072-87	443
2231	A role for amontillado, the Drosophila homolog of the neuropeptide precursor processing protease PC2, in triggering hatching behavior. 1999 , 19, 6942-54	55
2230	Physiological and anatomical circuitry between Agouti-related protein and leptin signaling. 1999 , 140, 2387-97	166
2229	Differential expression of a novel seven transmembrane domain protein in epididymal fat from aged and diabetic mice. 1999 , 140, 2859-67	8
2228	Effects of orexin A on thyrotropin-releasing hormone and thyrotropin secretion in rats. 1999 , 31, 606-9	51
2227	Glucocorticoid replacement, but not corticotropin-releasing hormone deficiency, prevents adrenalectomy-induced anorexia in mice. 1999 , 140, 310-7	56
2226	Leptin sensitive neurons in the hypothalamus. 1999 , 31, 345-50	146
2225	Selective dependence of intracerebroventricular neuropeptide Y-elicited effects on central glucocorticoids. 1999 , 140, 3183-7	46
2224	Intracerebroventricular injection of orexins does not stimulate food intake in neonatal chicks. 1999 , 40, 698-700	186
2223	Current and potential drugs for treatment of obesity. 1999 , 20, 805-75	221

2222	Functional genomics and the discovery of new drug targets. 1999 , 1, 71-6	1
2221	Cloning and Functional Expression of the Human Histamine H3Receptor. 1999 , 55, 1101-1107	644
2220	Hypothalamic orexin expression: modulation by blood glucose and feeding. 1999 , 48, 2132-7	266
2219	Orexins, orexigenic hypothalamic peptides, interact with autonomic, neuroendocrine and neuroregulatory systems. 1999 , 96, 748-53	976
2218	The effect of the orexins on food intake: comparison with neuropeptide Y, melanin-concentrating hormone and galanin. 1999 , 160, R7-12	367
2217	Interacting appetite-regulating pathways in the hypothalamic regulation of body weight. 1999 , 20, 68-100	1088
2216	Structure and function of human prepro-orexin gene. 1999 , 274, 17771-6	145
2215	Orexin A activates locus coeruleus cell firing and increases arousal in the rat. 1999 , 96, 10911-6	1009
2214	Disulfide assignment of the C-terminal cysteine knot of agouti-related protein (AGRP) by direct sequencing analysis. 1999 , 54, 514-21	11
2213	Seasonal regulation of food intake and body weight in the male Siberian hamster: studies of hypothalamic orexin (hypocretin), neuropeptide Y (NPY) and pro-opiomelanocortin (POMC). 1999 , 11, 3255-64	86
2212	Solution structure of a new hypothalamic neuropeptide, human hypocretin-2/orexin-B. 1999 , 266, 831-9	54
2211	Let sleeping dogs lie?. 1999 , 23, 3-4	7
2210	Melanin-concentrating hormone is the cognate ligand for the orphan G-protein-coupled receptor SLC-1. 1999 , 400, 261-5	447
2209	Molecular characterization of the melanin-concentrating-hormone receptor. 1999 , 400, 265-9	466
2208	Identification of the natural ligand of an orphan G-protein-coupled receptor involved in the regulation of vasoconstriction. 1999 , 1, 383-5	229
2207	The physiological response to cardiovascular 'orphan' G protein-coupled receptor agonists. 1999 , 5, 1241-2	9
2206	Neuroendocrine regulation of nutrient partitioning. 1999 , 892, 261-71	19
2205	Ghrelin is a growth-hormone-releasing acylated peptide from stomach. 1999 , 402, 656-60	6802

2204	Central inputs mask multiple adult neural networks within a single embryonic network. 1999 , 402, 660-4	44
2203	Response of melanocortin-4 receptor-deficient mice to anorectic and orexigenic peptides. 1999 , 21, 119-22	458
2202	Characterization of recombinant human orexin receptor pharmacology in a Chinese hamster ovary cell-line using FLIPR. 1999 , 128, 1-3	153
2201	Application of a peptide bank from porcine brain in isolation of regulatory peptides. 1999 , 852, 273-83	5
2200	The hypocretins/orexins: novel hypothalamic neuropeptides involved in different physiological systems. 1999 , 56, 473-80	72
2199	The quest for novel bioactive peptides utilizing orphan seven-transmembrane-domain receptors. 1999 , 77, 495-504	54
2198	[Pathophysiology of catabolism in undernourished elderly patients]. 1999 , 32 Suppl 1, 112-9	11
2197	A novel subgroup of class I G-protein-coupled receptors. 1999 , 1446, 57-70	31
2196	Effect of lateral cerebroventricular injection of the appetite-stimulating neuropeptide, orexin and neuropeptide Y, on the various behavioral activities of rats. 1999 , 821, 526-9	286
2195	Feeding response to central orexins. 1999 , 821, 535-8	276
2194	Leptin binding in the arcuate nucleus is increased during fasting. 1999 , 828, 154-8	49
2193	Distribution of orexin neurons in the adult rat brain. 1999 , 827, 243-60	960
2192	Cardiovascular regulatory actions of the hypocretins in brain. 1999 , 831, 248-53	254
2191	Food intake elicited by central administration of orexins/hypocretins: identification of hypothalamic sites of action. 1999 , 842, 473-7	290
2190	Orexins/hypocretins regulate drinking behaviour. 1999 , 842, 256-61	189
2189	Chronic intracerebroventricular administration of orexin-A to rats increases food intake in daytime, but has no effect on body weight. 1999 , 849, 248-52	182
2188	Insulin and leptin: dual adiposity signals to the brain for the regulation of food intake and body weight. 1999 , 848, 114-23	311
2187	Hypothalamic cocaine- and amphetamine-regulated transcript (CART) neurons: histochemical relationship to thyrotropin-releasing hormone, melanin-concentrating hormone, orexin/hypocretin and neuropeptide Y. 1999 , 848, 101-13	222

2186	Orphan receptors, novel neuropeptides and reverse pharmaceutical research. 1999 , 848, 63-5	29
2185	Stimulation of feeding behavior and food consumption in the goldfish, <i>Carassius auratus</i> , by orexin-A and orexin-B. 1999 , 846, 204-9	130
2184	Selective melanocortin MC4 receptor blockage reduces immobilization stress-induced anorexia in rats. 1999 , 369, 11-5	59
2183	Control of food intake by fatty acid oxidation and ketogenesis. 1999 , 15, 704-14	124
2182	Hypothalamic control of feeding. 1999 , 9, 778-83	54
2181	Neurochemical alterations during age-related anorexia. 1999 , 221, 153-65	10
2180	Chimeric G proteins allow a high-throughput signaling assay of Gi-coupled receptors. 1999 , 270, 242-8	205
2179	Measurement of responses from Gi-, Gs-, or Gq-coupled receptors by a multiple response element/cAMP response element-directed reporter assay. 1999 , 275, 54-61	65
2178	Hypocretin (orexin) activation and synaptic innervation of the locus coeruleus noradrenergic system. 1999 , 415, 145-159	597
2177	Narcolepsy genes wake up the sleep field. 1999 , 285, 2076-7	11
2176	Emerging therapeutic targets in obesity: new approaches to controlling body weight. 1999 , 3, 165-176	
2175	Pharmacological treatment of obesity: therapeutic strategies. 1999 , 42, 181-201	125
2174	Orexins stimulate corticosterone secretion of rat adrenocortical cells, through the activation of the adenylate cyclase-dependent signaling cascade. 1999 , 70, 185-8	119
2173	Advances in the molecular genetics of obesity. 1999 , 9, 283-8	4
2172	Cloning of porcine prepro-orexin cDNA and effects of an intramuscular injection of synthetic porcine orexin-B on feed intake in young pigs. 1999 , 16, 145-8	63
2171	Orexin synthesis and response in the gut. 1999 , 24, 941-51	275
2170	From lesions to leptin: hypothalamic control of food intake and body weight. 1999 , 22, 221-32	993
2169	Leptin differentially regulates NPY and POMC neurons projecting to the lateral hypothalamic area. 1999 , 23, 775-86	735

2168	Preprohypocretin (orexin) and prolactin-like immunoreactivity are coexpressed by neurons of the rat lateral hypothalamic area. 1999 , 259, 153-6	78
2167	Insulin-induced hypoglycemia increases preprohypocretin (orexin) mRNA in the rat lateral hypothalamic area. 1999 , 262, 77-80	172
2166	Orexin A-like immunoreactivity in the rat brain. 1999 , 260, 161-4	157
2165	Neurons containing orexin in the lateral hypothalamic area of the adult rat brain are activated by insulin-induced acute hypoglycemia. 1999 , 264, 101-4	241
2164	Hypothalamic orexin A-immunoreactive neurons project to the rat dorsal medulla. 1999 , 273, 17-20	78
2163	Characterization of orexin-A and orexin-B in the microdissected rat brain nuclei and their contents in two obese rat models. 1999 , 273, 45-8	63
2162	Novel GPCRs and their endogenous ligands: expanding the boundaries of physiology and pharmacology. 1999 , 20, 370-5	116
2161	Multiple genes for neuropeptides and their receptors: co-evolution and physiology. 1999 , 22, 81-8	53
2160	Orexins and orexin receptors: implication in feeding behavior. 1999 , 85, 25-30	158
2159	Leptin and neuropeptide Y (NPY) modulate nitric oxide synthase: further evidence for a role of nitric oxide in feeding. 1999 , 20, 595-600	96
2158	Effects of single and chronic intracerebroventricular administration of the orexins on feeding in the rat. 1999 , 20, 1099-105	265
2157	Structure, tissue distribution, and pharmacological characterization of <i>Xenopus</i> orexins. 1999 , 20, 1169-76	86
2156	Differential distribution of orexin-A and orexin-B immunoreactivity in the rat brain and spinal cord. 1999 , 20, 1455-70	191
2155	Down regulation of the prepro-orexin gene expression in genetically obese mice. 1999 , 65, 14-22	137
2154	Anorexia in response to acute illness. 1999 , 28, 386-401	13
2153	Acute orexin effects on insulin secretion in the rat: in vivo and in vitro studies. 2000 , 66, 449-54	97
2152	Enhanced food-anticipatory circadian rhythms in the genetically obese Zucker rat. 1999 , 66, 329-35	64
2151	Distribution and quantification of immunoreactive orexin A in rat tissues. 1999 , 457, 157-61	127

2150	The sleep disorder canine narcolepsy is caused by a mutation in the hypocretin (orexin) receptor 2 gene. <i>Cell</i> , 1999 , 98, 365-76	56.2	2211
2149	Narcolepsy: a key role for hypocretins (orexins). <i>Cell</i> , 1999 , 98, 409-12	56.2	204
2148	Narcolepsy in orexin knockout mice: molecular genetics of sleep regulation. <i>Cell</i> , 1999 , 98, 437-51	56.2	2624
2147	Two important systems in energy homeostasis: melanocortins and melanin-concentrating hormone. 1999 , 33, 339-49		134
2146	Discovery of three novel orphan G-protein-coupled receptors. 1999 , 56, 12-21		61
2145	Stimulation of gastric acid secretion by centrally administered orexin-A in conscious rats. 1999 , 254, 623-7		169
2144	Sequence and tissue distribution of a novel G-protein-coupled receptor expressed prominently in human placenta. 1999 , 256, 352-6		23
2143	Widespread distribution of orexin in rat brain and its regulation upon fasting. 1999 , 256, 495-9		135
2142	Hypothalamic hypocretin/orexin and neuropeptide Y: divergent interaction with energy depletion and leptin. 1999 , 258, 119-22		79
2141	Isolation and identification of melanin-concentrating hormone as the endogenous ligand of the SLC-1 receptor. 1999 , 261, 622-6		162
2140	Orexins, orexigenic hypothalamic neuropeptides, suppress the pulsatile secretion of luteinizing hormone in ovariectomized female rats. 1999 , 264, 759-62		125
2139	Urotensin II is the endogenous ligand of a G-protein-coupled orphan receptor, SENR (GPR14). 1999 , 265, 123-9		204
2138	An adipocyte-central nervous system regulatory loop in the control of adipose homeostasis. 1999 , 10, 11-8		35
2137	Acute Leptin Administration Increases Hypothalamic Expression of Prepro-orexin mRNA. 1999 , 2, 39-42		2
2136	Model for the regulation of energy balance and adiposity by the central nervous system. 1999 , 69, 584-96		205
2135	Lipids and Obesity. 1999 , 76-101		
2134	Chapter 1.1 The multi-dimensional database requirements of brain information in the era of rapid gene identification. 1999 , 3-19		
2133	Quantitative and Macronutrient- Related Regulation of Hypothalamic Neuropeptide Y, Galanin, and Neurotensin. 1999 ,		

2132	Feeding pattern in obese Zucker rats after dopaminergic and serotonergic LHA grafts. 1999 , 10, 1049-53	9
2131	Increased response to NPY of hypothalamic VMN neurons in postnatally overfed juvenile rats. 1999 , 10, 1827-31	42
2130	The Nutrition Society Medical Lecture. Obesity: from molecules to man. 1999 , 58, 1-14	50
2129	Interactive Effects of Neurochemicals on Ingestive Behavior. 2000 , 3, 161-72	1
2128	Chapter IX Neuropeptide Y, peptide YY and pancreatic polypeptide receptor proteins and mRNAs in mammalian brains. 2000 , 375-475	16
2127	Threat perceptions and avoidance in recurrent dreams. 2000 , 23, 1017-1018	4
2126	Prepro-hypocretin (Prepro-Orexin) Expression is Unaffected by Short-Term Sleep Deprivation in Rats and Mice. 2000 , 23, 1-8	30
2125	Patent focus on new anti-obesity agents: September 1999 - February 2000. 2000 , 10, 819-831	10
2124	Characterisation of G-protein-coupled receptors by antibodies. 2000 , 7, 897-910	10
2123	Evaluation of the abuse liability of modafinil and other drugs for excessive daytime sleepiness associated with narcolepsy. 2000 , 23, 149-56	173
2122	Effect of 2-mercaptoacetate and 2-deoxy-D-glucose administration on the expression of NPY, AGRP, POMC, MCH and hypocretin/orexin in the rat hypothalamus. 2000 , 11, 117-21	112
2121	Centrally administered orexin/hypocretin activates HPA axis in rats. 2000 , 11, 1977-80	238
2120	Genetics of obesity and body weight regulation. 2000 , 7, 218-224	4
2119	Pain management in old age: an update. 2000 , 10, 341-347	
2118	Hypocretin I in the lateral hypothalamus activates key feeding-regulatory brain sites. 2000 , 11, 103-8	59
2117	Alteration of the expression of the hypocretin (orexin) gene by 2-deoxyglucose in the rat lateral hypothalamic area. 2000 , 11, 531-3	28
2116	Hypocretin/orexin depolarizes and decreases potassium conductance in locus coeruleus neurons. 2000 , 11, 1755-8	151
2115	The impact of genomics on drug discovery. 2000 , 37, 1-43	14

2114	The hypothalamus and the regulation of energy homeostasis: lifting the lid on a black box. 2000 , 59, 385-96	142
2113	The hypocretins: excitatory neuromodulatory peptides for multiple homeostatic systems, including sleep and feeding. 2000 , 62, 161-8	182
2112	Cocaine- and amphetamine-regulated transcript (CART) and food intake: Behavior in search of anatomy. 2000 , 51, 124-142	15
2111	On the synthesis of orexin A: a novel one-step procedure to obtain peptides with two intramolecular disulphide bonds. 2000 , 6, 387-97	27
2110	The novel brain neuropeptide, orexin-A, modulates the sleep-wake cycle of rats. 2000 , 12, 726-30	280
2109	The future of leptin and leptin analogues in the treatment of obesity. 2000 , 2, 83-9	10
2108	Neuroendocrine mechanisms regulating food intake and body weight. 2000 , 1, 37-46	82
2107	Obesity: an epidemic in need of therapeutics. 2000 , 4, 452-60	21
2106	Significant association of the tumor necrosis factor receptor 2 (TNFR2) gene with human narcolepsy. 2000 , 56, 446-8	43
2105	Applied genomics: integration of the technology within pharmaceutical research and development. 2000 , 11, 602-9	34
2104	A mutation in a case of early onset narcolepsy and a generalized absence of hypocretin peptides in human narcoleptic brains. 2000 , 6, 991-7	1675
2103	Relationship between plasma renin profile and leptinaemia in patients with essential hypertension. 2000 , 14, 503-9	24
2102	Chronic intracerebroventricular administration of recombinant CART(42-89) peptide inhibits and causes weight loss in lean and obese Zucker (fa/fa) rats. 2000 , 8, 590-6	69
2101	The hypocretins are weak agonists at recombinant human orexin-1 and orexin-2 receptors. 2000 , 129, 1289-91	45
2100	Central nervous system control of food intake. 2000 , 404, 661-71	4703
2099	Medicinal strategies in the treatment of obesity. 2000 , 404, 672-7	339
2098	The superfamily of heptahelical receptors. 2000 , 2, E133-6	184
2097	Neuroscience. The sandman's secrets. 2000 , 407, 554-6	10

2096 cDNA cloning and expression of a γ -aminobutyric acidA receptor β subunit in rat brain. **2000**, 12, 4318-4330

2095 Brain regulation of feeding behavior and food intake in fish. **2000**, 126, 415-34 172

2094 Chronic oral administration of CG-3703, a thyrotropin releasing hormone analog, increases wake and decreases cataplexy in canine narcolepsy. **2000**, 23, 34-45 41

2093 Neuropeptides and obesity. **2000**, 16, 916-23 143

2092 Adiposity signals and the control of energy homeostasis. **2000**, 16, 894-902 182

2091 HTS in the new millennium: the role of pharmacology and flexibility. **2000**, 44, 273-89 37

2090 Cloning and characterization of additional members of the G protein-coupled receptor family. **2000**, 1490, 311-23 35

2089 Orexin-induced food intake involves neuropeptide Y pathway. **2000**, 859, 404-9 219

2088 Nicotine administration enhances NPY expression in the rat hypothalamus. **2000**, 867, 157-64 103

2087 Neuroanatomical specificity of prolactin-induced hyperphagia in virgin female rats. **2000**, 868, 306-14 69

2086 Orexin-induced hyperlocomotion and stereotypy are mediated by the dopaminergic system. **2000**, 873, 181-7 297

2085 Human genomics and obesity: finding appropriate drug targets. **2000**, 410, 131-145 70

2084 Leptin regulation of neuroendocrine systems. **2000**, 21, 263-307 561

2083 How obesity develops: insights from the new biology. **2000**, 13, 143-54 12

2082 Regulation of feeding-associated peptides and receptors by nicotine. **2000**, 22, 143-65 45

2081 Purification and characterization of rat des-Gln14-Ghrelin, a second endogenous ligand for the growth hormone secretagogue receptor. **2000**, 275, 21995-2000 252

2080 Pathophysiological and clinical aspects of narcolepsy: a disorder associated with hypocretin abnormalities. **2000**, 4, 111-116 3

2079 Identification of a telomeric boundary of the HLA region with potential for predisposition to human narcolepsy. **2000**, 52, 12-8 10

2078	Linkage and physical mapping of the porcine prepro-orexin gene. 2000 , 11, 342-3	3
2077	Effects of blockers of carbohydrate and lipid metabolism on expression of mRNA of some hypothalamic neuropeptides. 2000 , 130, 766-768	
2076	Effects of blockers of carbohydrate and lipid metabolism on expression of mRNA of some hypothalamic neuropeptides. 2000 , 130, 766-8	4
2075	Orexin A activates leptin-responsive neurons in the arcuate nucleus. 2000 , 440, 699-703	50
2074	Obesity: molecular bases of a multifactorial problem. 2000 , 39, 127-44	68
2073	Abstracts 1-50. 2000 , 9, 1-25	30
2072	Neurobiology of zinc-influenced eating behavior. 2000 , 130, 1493S-9S	85
2071	Hypocretin-1 modulates rapid eye movement sleep through activation of locus coeruleus neurons. 2000 , 20, 7760-5	452
2070	How does the dreaming brain explain the dreaming mind?. 2000 , 23, 904-907	127
2069	Long-term orexigenic effects of AgRP-(83---132) involve mechanisms other than melanocortin receptor blockade. 2000 , 279, R47-52	210
2068	Differential expression of hypothalamic neuropeptides in the early phase of diet-induced obesity in mice. 2000 , 279, E838-45	162
2067	Trigeminohypothalamic and reticulohypothalamic tract neurons in the upper cervical spinal cord and caudal medulla of the rat. 2000 , 84, 2078-112	194
2066	Photoperiod regulates arcuate nucleus POMC, AGRP, and leptin receptor mRNA in Siberian hamster hypothalamus. 2000 , 278, R271-81	80
2065	Pressor effects of orexins injected intracisternally and to rostral ventrolateral medulla of anesthetized rats. 2000 , 278, R692-7	142
2064	Lucid dreaming: Evidence and methodology. 2000 , 23, 962-964	34
2063	Sorting out additions to the understanding of cognition during sleep. 2000 , 23, 973-975	3
2062	Koch's postulates confirm cholinergic modulation of REM sleep. 2000 , 23, 966-966	0
2061	How and why the brain makes dreams: A report card on current research on dreaming. 2000 , 23, 914-916	3

2060	Conceptual coordination bridges information processing and neurophysiology. 2000 , 23, 919-922	1
2059	Heat simulation, dreams, and domain-specificity. 2000 , 23, 1004-1004	
2058	Where is the forest? Where is the dream?. 2000 , 23, 943-945	4
2057	Dreaming is not a non-conscious electrophysiologic state. 2000 , 23, 984-988	
2056	Dreaming as an active construction of meaning. 2000 , 23, 907-908	1
2055	Epandrels of the night? 2000 , 23, 966-967	1
2054	Neural constraints on cognition in sleep. 2000 , 23, 994-995	1
2053	Some myths are slow to die. 2000 , 23, 999-1000	1
2052	Nielsen's concept of covert REM sleep is a path toward a more realistic view of sleep psychophysiology. 2000 , 23, 983-984	2
2051	Iterative processing of information during sleep may improve consolidation. 2000 , 23, 919-919	1
2050	Evolutionary psychology can ill afford adaptationist and mentalist credulity. 2000 , 23, 1013-1014	1
2049	Novel concepts of sleep-wakefulness and neuronal information coding. 2000 , 23, 968-971	
2048	Toward a new neuropsychological isomorphism. 2000 , 23, 980-981	1
2047	REM and NREM mentation: Nielsen's model once again supports the supremacy of REM. 2000 , 23, 913-914	1
2046	REM sleep: Desperately seeking isomorphism. 2000 , 23, 931-934	4
2045	The mechanism of the REM state is more than a sum of its parts. 2000 , 23, 1008-1009	
2044	The pharmacology of threatening dreams. 2000 , 23, 1016-1017	2
2043	Forebrain mechanisms of dreaming are activated from a variety of sources. 2000 , 23, 1035-1040	2

2042 State-dependent modulation of cognitive function. **2000**, 23, 945-946

2041 A more general evolutionary hypothesis about dream function. **2000**, 23, 972-973

5

2040 The divorce of REM sleep and dreaming. **2000**, 23, 922-924

2

2039 The illusory function of dreams: Another example of cognitive bias. **2000**, 23, 971-972

4

2038 Dream research: Integration of physiological and psychological models. **2000**, 23, 1001-1003

15

2037 New multiplicities of dreaming and REMing. **2000**, 23, 953-955

4

2036 A new approach for explaining dreaming and REM sleep mechanisms. **2000**, 23, 558-559

2035 The prevalence of typical dream themes challenges the specificity of the threat simulation theory. **2000**, 23, 940-941

5

2034 The waking-to-dreaming continuum and the effects of emotion. **2000**, 23, 947-950

8

2033 Nightmares: Friend or foe?. **2000**, 23, 965-965

3

2032 Search activity: A key to resolving contradictions in sleep/dream investigation. **2000**, 23, 996-999

1

2031 Orexins, feeding and the big picture. **2000**, 84, 401-403

18

2030 Needed: A new theory. **2000**, 23, 928-930

3

2029 Insights from functional neuroimaging studies of behavioral state regulation in healthy and depressed subjects. **2000**, 23, 979-980

2028 The contents of consciousness during sleep: Some theoretical problems. **2000**, 23, 995-996

1

2027 Dreams and sleep: Are new schemas revealing?. **2000**, 23, 976-976

0

2026 Shedding old assumptions and consolidating what we know: Toward an attention-based model of dreaming. **2000**, 23, 924-928

9

2025 Inclusive versus exclusive approaches to sleep and dream research. **2000**, 23, 1011-1013

13

2024	Reflexive and orienting properties of REM sleep dreaming and eye movements. 2000 , 23, 950-950	1
2023	The interpretation of physiology. 2000 , 23, 955-956	5
2022	The ghost of Sigmund Freud haunts Mark Solms's dream theory. 2000 , 23, 951-952	6
2021	Papez dreams: Mechanism and phenomenology of dreaming. 2000 , 23, 961-962	
2020	Time course of dreaming and sleep organization. 2000 , 23, 1000-1000	1
2019	REM sleep = dreaming: The never-ending story. 2000 , 23, 916-917	1
2018	“The dream of reason creates monsters” . . . especially when we neglect the role of emotions in REM-states. 2000 , 23, 988-990	4
2017	Mental states during dreaming and daydreaming: Some methodological loopholes. 2000 , 23, 917-918	14
2016	One machinery, multiple cognitive states: The value of the AIM model. 2000 , 23, 993-994	
2015	The dramaturgy of dreams in Pleistocene minds and our own. 2000 , 23, 946-947	
2014	Continued vitality of the Freudian theory of dreaming. 2000 , 23, 1004-1006	2
2013	Sleep, not REM sleep, is the royal road to dreams. 2000 , 23, 911-912	2
2012	Play, dreams, and simulation. 2000 , 23, 918-919	7
2011	Each distinct type of mental state is supported by specific brain functions. 2000 , 23, 941-943	6
2010	Dreaming as play. 2000 , 23, 953-953	11
2009	Dreaming has content and meaning not just form. 2000 , 23, 959-961	5
2008	All brain work “including recall” is state-dependent. 2000 , 23, 964-965	2
2007	Dream production is not chaotic. 2000 , 23, 967-968	2

2006	Sleep can be related to memory, even if REM sleep is not. 2000 , 23, 971-971	5
2005	Metaphoric threat is more real than real threat. 2000 , 23, 992-993	11
2004	Mesolimbic dopamine and the neuropsychology of dreaming: Some caution and reconsiderations. 2000 , 23, 930-931	2
2003	Critical brain characteristics to consider in developing dream and memory theories. 2000 , 23, 977-978	
2002	Sleep, dreaming, and brain activation. 2000 , 23, 939-940	1
2001	Neuronal basis of dreaming and mentation during slow-wave (non-REM) sleep. 2000 , 23, 1009-1011	10
2000	Dreams have meaning but no function. 2000 , 23, 910-911	4
1999	Expanding Nielsen's covert REM model, questioning Solms's approach to dreaming and REM sleep, and reinterpreting the Vertes & Eastman view of REM sleep and memory. 2000 , 23, 981-983	4
1998	The problem of dreaming in NREM sleep continues to challenge reductionist (two generator) models of dream generation. 2000 , 23, 956-958	2
1997	REM sleep is not committed to memory. 2000 , 23, 1057-1063	11
1996	The orexin OX1 receptor activates a novel Ca ²⁺ influx pathway necessary for coupling to phospholipase C. 2000 , 275, 30806-12	129
1995	Gene expression profiling in the human hypothalamus-pituitary-adrenal axis and full-length cDNA cloning. 2000 , 97, 9543-8	90
1994	Receptor for the pain modulatory neuropeptides FF and AF is an orphan G protein-coupled receptor. 2000 , 275, 25965-71	218
1993	Nicotine up-regulates expression of orexin and its receptors in rat brain. 2000 , 141, 3623-9	99
1992	Cocaine-amphetamine-regulated transcript (CART) acts in the central nervous system to inhibit gastric acid secretion via brain corticotropin-releasing factor system. 2000 , 141, 2854-60	79
1991	Molecular manipulation of G-protein-coupled receptors: a new avenue into drug discovery. 2000 , 7, 889-96	43
1990	Intracerebroventricular injection of mammalian motilin, melanin-concentrating hormone or galanin does not stimulate food intake in neonatal chicks. 2000 , 41, 508-11	38
1989	Hypothalamic connections with the cerebral cortex. 2000 , 126, 39-48	59

1988	Homology-based cloning methods. Identification of the NPY Y2, Y4, and Y6 receptors. 2000 , 153, 61-70	
1987	The three subfamilies of leucine-rich repeat-containing G protein-coupled receptors (LGR): identification of LGR6 and LGR7 and the signaling mechanism for LGR7. 2000 , 14, 1257-71	296
1986	Post-traumatic nightmares as a dysfunctional state. 2000 , 23, 978-979	7
1985	Dream science 2000: A response to commentaries on Dreaming and the brain. 2000 , 23, 1019-1035	9
1984	The case against memory consolidation in REM sleep: Balderdash!. 2000 , 23, 934-936	4
1983	Dreaming is not an adaptation. 2000 , 23, 936-939	12
1982	Internally-generated activity, non-episodic memory, and emotional salience in sleep. 2000 , 23, 908-909	3
1981	A highly sensitive quantitative cytosensor technique for the identification of receptor ligands in tissue extracts. 2000 , 48, 1553-64	25
1980	REM sleep deprivation: The wrong paradigm leading to wrong conclusions. 2000 , 23, 912-913	29
1979	Did ancestral humans dream for their lives?. 2000 , 23, 1063-1082	18
1978	Neurotransmitter mechanisms of dreaming: Implication of modulatory systems based on dream intensity. 2000 , 23, 990-992	36
1977	Localization of glucokinase gene expression in the rat brain. 2000 , 49, 693-700	144
1976	Covert REM sleep effects on REM mentation: Further methodological considerations and supporting evidence. 2000 , 23, 1040-1057	25
1975	Inhibition of food intake by central injection of anti-orexin antibody in fasted rats. 2000 , 267, 527-31	155
1974	Differential regulation of melanin-concentrating hormone and orexin genes in the agouti-related protein/melanocortin-4 receptor system. 2000 , 268, 88-91	74
1973	Leptin regulation of prepro-orexin and orexin receptor mRNA levels in the hypothalamus. 2000 , 269, 41-5	162
1972	Possible involvement of orexin in the stress reaction in rats. 2000 , 270, 318-23	235
1971	Angiotensin-II subtype 2 receptor agonist (CGP-42112) inhibits catecholamine biosynthesis in cultured porcine adrenal medullary chromaffin cells. 2000 , 272, 544-50	17

1970	Sensitivity of orexin-A binding to phospholipase C inhibitors, neuropeptide Y, and secretin. 2000 , 272, 959-65	39
1969	Orexins suppress catecholamine synthesis and secretion in cultured PC12 cells. 2000 , 274, 310-5	43
1968	Mammalian PSP24s (alpha and beta isoforms) are not responsive to lysophosphatidic acid in mammalian expression systems. 2000 , 276, 957-64	17
1967	Central effects of neuromedin U in the regulation of energy homeostasis. 2000 , 277, 191-4	154
1966	A novel G-protein-coupled receptor gene expressed in striatum. 2000 , 69, 314-21	65
1965	Differential distribution and regulation of OX1 and OX2 orexin/hypocretin receptor messenger RNA in the brain upon fasting. 2000 , 37, 335-44	242
1964	Food intake and the regulation of body weight. 2000 , 51, 255-77	270
1963	Research on eating disorders: current status and future prospects. 2000 , 47, 777-86	41
1962	Diurnal variation in orexin A immunoreactivity and prepro-orexin mRNA in the rat central nervous system. 2000 , 279, 109-12	146
1961	Effects of food restriction on the hypothalamic prepro-orexin gene expression in genetically obese mice. 2000 , 51, 515-21	61
1960	The hypocretin/orexin ligand-receptor system: implications for sleep and sleep disorders. 2000 , 23, 359-65	380
1959	Multiple output pathways of the basal forebrain: organization, chemical heterogeneity, and roles in vigilance. 2000 , 115, 117-41	217
1958	Morphological evidence for neural interactions between leptin and orexin in the hypothalamus. 2000 , 92, 31-5	49
1957	A selective orexin-1 receptor antagonist reduces food consumption in male and female rats. 2000 , 96, 45-51	257
1956	Orexins: a role in medullary sympathetic outflow. 2000 , 96, 65-70	76
1955	Dose-response effects of orexin-A on food intake and the behavioural satiety sequence in rats. 2000 , 96, 71-84	91
1954	Evidence that NPY Y1 receptors are involved in stimulation of feeding by orexins (hypocretins) in sated rats. 2000 , 87, 19-24	140
1953	Down-regulation of orexin gene expression by severe obesity in the rats: studies in Zucker fatty and zucker diabetic fatty rats and effects of rosiglitazone. 2000 , 77, 131-7	63

1952	Postnatal development of orexin/hypocretin in rats. 2000 , 78, 108-19	81
1951	Regional expression of a gene encoding a neuron-specific Na(+)-dependent inorganic phosphate cotransporter (DNPI) in the rat forebrain. 2000 , 83, 34-43	267
1950	Distribution of orexin/hypocretin in the rat median eminence and pituitary. 2000 , 76, 1-6	110
1949	Distribution of orexin-A and orexin-B (hypocretins) in the rat spinal cord. 2000 , 288, 87-90	89
1948	Both corticotropin releasing factor and neuropeptide Y are involved in the effect of orexin (hypocretin) on the food intake in rats. 2000 , 293, 119-22	66
1947	Orexin-A in the human brain and tumor tissues of ganglioneuroblastoma and neuroblastoma. 2000 , 21, 565-70	43
1946	Evidence of NPY Y5 receptor involvement in food intake elicited by orexin A in sated rats. 2000 , 21, 1557-60	85
1945	Narcolepsy: genetic predisposition and neuropharmacological mechanisms. REVIEW ARTICLE. 2000 , 4, 57-99	92
1944	Integration of metabolism and intake regulation: a review focusing on periparturient animals. 2000 , 83, 1573-97	345
1943	Narcolepsy: a neurodegenerative disease of the hypocretin system?. 2000 , 27, 415-8	49
1942	Perspectives in narcolepsy and hypocretin (orexin) research. 2000 , 1, 87-90	20
1941	The hypocretin/orexin story. 2000 , 11, 257-62	41
1940	Radioimmunoassay for orexin A. 2000 , 66, 897-904	30
1939	Neuropeptides--an overview. 2000 , 39, 1337-56	458
1938	Effects of leptin and orexin-A on food intake and feeding related hypothalamic neurons. 2000 , 71, 251-61	105
1937	Modulation of brain reward circuitry by leptin. 2000 , 287, 125-8	341
1936	Obesity: Pathology and Therapy. 2000 ,	
1935	The impact of genomics on drug discovery. 2000 , 40, 193-207	98

1934	Neuropeptides as emerging targets in anorexia and cachexia. 2000 , 4, 73-87	1
1933	Orexins (hypocretins): novel hypothalamic peptides with divergent functions. 2000 , 78, 299-305	21
1932	Control of food intake via leptin receptors in the hypothalamus. 2000 , 59, 265-304	112
1931	BDNF regulates eating behavior and locomotor activity in mice. 2000 , 19, 1290-300	621
1930	Promising new approaches to the management of obesity. 2000 , 60, 1-9	12
1929	Analysis of large gene databases for discovery of novel therapeutic agents. 2000 , 78, 247-50	4
1928	Drug discovery in the next millennium. 2000 , 40, 177-91	99
1927	Genetics and genomics in neuropsychopharmacology: the impact on drug discovery and development. 2001 , 11, 491-9	7
1926	The metastasis suppressor gene KiSS-1 encodes kisspeptins, the natural ligands of the orphan G protein-coupled receptor GPR54. 2001 , 276, 34631-6	1059
1925	Glucose sensing in pancreatic beta-cells: a model for the study of other glucose-regulated cells in gut, pancreas, and hypothalamus. 2001 , 50, 1-11	331
1924	To eat or to sleep? Orexin in the regulation of feeding and wakefulness. 2001 , 24, 429-58	647
1923	Requirement of intact disulfide bonds in orexin-A-induced stimulation of gastric acid secretion that is mediated by OX1 receptor activation. 2001 , 280, 976-81	61
1922	Orexin-A suppresses the pulsatile secretion of luteinizing hormone via beta-endorphin. 2001 , 281, 232-6	48
1921	Characterization of tissue- and cell-type-specific expression of a novel human septin family gene, Bradeion. 2001 , 286, 547-53	19
1920	Opposite regulation of hypothalamic orexin and neuropeptide Y receptors and peptide expressions in obese Zucker rats. 2001 , 286, 518-23	45
1919	Intracerebroventricular administration of ghrelin rapidly suppresses pulsatile luteinizing hormone secretion in ovariectomized rats. 2001 , 288, 780-5	178
1918	Hypocretin levels in sporadic and familial cases of canine narcolepsy. 2001 , 8, 525-34	146
1917	Role of Neuropeptides and Leptin in Food Intake and Obesity. 99-112	1

1916	Orexin-A immunoreactive neurons in the rat hypothalamus do not contain neuronal nitric oxide synthase (nNOS). 2001 , 22, 123-8	25
1915	Immunoreactive orexin-A in human plasma. 2001 , 22, 139-42	83
1914	The effect of food deprivation and experimental diabetes on orexin and NPY mRNA levels. 2001 , 22, 2175-9	28
1913	Orexin-A, an hypothalamic peptide with analgesic properties. 2001 , 92, 81-90	208
1912	Gene expression and protein distribution of the orexin-1 receptor in the rat brain and spinal cord. 2001 , 103, 777-97	401
1911	Wake-promoting and sleep-suppressing actions of hypocretin (orexin): basal forebrain sites of action. 2001 , 106, 699-715	266
1910	Orexins/hypocretins excite basal forebrain cholinergic neurones. 2001 , 108, 177-81	279
1909	Modulation of the promoter region of prepro-hypocretin by alpha-interferon. 2001 , 262, 123-8	23
1908	Discovery and mapping of ten novel G protein-coupled receptor genes. 2001 , 275, 83-91	145
1907	Down regulation of melanin concentrating hormone in virally induced obesity. 2001 , 181, 207-19	17
1906	Hypothalamic orexin-A binding sites are downregulated by chronic nicotine treatment in the rat. 2001 , 298, 1-4	58
1905	Prepro-orexin mRNA levels in the rat hypothalamus, and orexin receptors mRNA levels in the rat hypothalamus and adrenal gland are not influenced by the thyroid status. 2001 , 300, 171-5	40
1904	High specificity of human orexin receptors for orexins over neuropeptide Y and other neuropeptides. 2001 , 305, 177-80	51
1903	Lowering glucose concentrations increases cytosolic Ca ²⁺ in orexin neurons of the rat lateral hypothalamus. 2001 , 309, 165-8	58
1902	Energy expenditure by intracerebroventricular administration of orexin to anesthetized rats. 2001 , 315, 49-52	50
1901	Orphan G-protein-coupled receptors and natural ligand discovery. 2001 , 22, 132-40	202
1900	Pharmacotherapy of obesity: targets and perspectives. 2001 , 22, 247-54	61
1899	The sleep switch: hypothalamic control of sleep and wakefulness. 2001 , 24, 726-31	1260

1898	Food restriction selectively increases hypothalamic orexin-B levels in lactating rats. 2001 , 97, 163-8	29
1897	Interactions between orexin A, NPY and galanin in the control of food intake of the goldfish, <i>Carassius auratus</i> . 2001 , 101, 59-72	102
1896	Identification of four novel human G protein-coupled receptors expressed in the brain. 2001 , 86, 13-22	62
1895	Hypocretin receptor protein and mRNA expression in the dorsolateral pons of rats. 2001 , 88, 176-82	136
1894	Leptin and the regulation of food intake, energy homeostasis and immunity with special focus on periparturient ruminants. 2001 , 21, 215-50	123
1893	Molecular regulation of eating behavior: new insights and prospects for therapeutic strategies. 2001 , 7, 205-13	62
1892	Distribution of hypocretin-(orexin) immunoreactivity in the central nervous system of Syrian hamsters (<i>Mesocricetus auratus</i>). 2001 , 21, 225-38	82
1891	Genetic ablation of orexin neurons in mice results in narcolepsy, hypophagia, and obesity. 2001 , 30, 345-54	1149
1890	Ghrelin: discovery of the natural endogenous ligand for the growth hormone secretagogue receptor. 2001 , 12, 118-22	410
1889	Orexin A excites serotonergic neurons in the dorsal raphe nucleus of the rat. 2001 , 40, 457-9	233
1888	Hypothalamic and vagal neuropeptide circuitries regulating food intake. 2001 , 74, 669-82	125
1887	The hypothalamus and the control of energy homeostasis: different circuits, different purposes. 2001 , 74, 683-701	457
1886	Hypothalamic pathways underlying the endocrine, autonomic, and behavioral effects of leptin. 2001 , 74, 703-8	175
1885	Interactions between gastric emptying and satiety, with special reference to glucagon-like peptide-1. 2001 , 74, 735-41	49
1884	Narcolepsy: New Understanding of Irresistible Sleep. 2001 , 76, 185-194	9
1883	Bases moleculares de la obesidad: regulaci3n del apetito y control del metabolismo energ3tico. 2001 , 117, 463-476	1
1882	Recent advances in feeding suppressing agents: potential therapeutic strategy for the treatment of obesity. 2001 , 11, 1677-1692	6
1881	Stressor specificity of central neuroendocrine responses: implications for stress-related disorders. 2001 , 22, 502-48	657

1880 References. **2001**, 295-334

1879	Effect of intracerebroventricular orexin-B on food intake in sheep. 2001 , 79, 1573-7	40
1878	Recent and Future Drugs for the Treatment of Obesity. 451-469	1
1877	Orexin (hypocretin) neurons contain dynorphin. 2001 , 21, RC168	317
1876	Orexin (hypocretin)-like immunoreactivity in the cat hypothalamus: a light and electron microscopic study. 2001 , 24, 67-76	58
1875	Overview of central targets for appetite regulation. 2001 , 79, E148	12
1874	Cellular Localization of Orexin Receptors in Human Pituitary*. 2001 , 86, 3444-3447	32
1873	Hypocretin-2-saporin lesions of the lateral hypothalamus produce narcoleptic-like sleep behavior in the rat. 2001 , 21, 7273-83	223
1872	Orexins/hypocretins excite rat sympathetic preganglionic neurons in vivo and in vitro. 2001 , 281, R1801-7	125
1871	Hypocretin/orexin suppresses corticotroph responsiveness in vitro. 2001 , 281, R1140-5	50
1870	Increased and decreased muscle tone with orexin (hypocretin) microinjections in the locus coeruleus and pontine inhibitory area. 2001 , 85, 2008-16	90
1869	Orexin depolarizes rat hypothalamic paraventricular nucleus neurons. 2001 , 281, R1114-8	58
1868	Amylin infusion into rat nucleus accumbens potently depresses motor activity and ingestive behavior. 2001 , 281, R1232-42	54
1867	Pharmacology of appetite suppression: implication for the treatment of obesity. 2001 , 2, 353-70	45
1866	Cellular Localization of Orexin Receptors in Human Pituitary*. 2001 , 86, 1616-1619	63
1865	The regulation of body weight: lessons from the seasonal animal. 2001 , 60, 127-34	37
1864	Orexin A immunoreactivity and preproorexin mRNA in the brain of Zucker and WKY rats. 2001 , 12, 459-64	54
1863	Narcolepsy: clinical features, new pathophysiologic insights, and future perspectives. 2001 , 18, 78-105	278

1862	New insights into the pathogenesis and treatment of narcolepsy. 2001 , 7, 407-10	
1861	Orexin-a activates phospholipase C- and protein kinase C-mediated Ca ²⁺ signaling in dopamine neurons of the ventral tegmental area. 2001 , 12, 1885-9	114
1860	Hypothalamic orexin-A-immunopositive neurons express Fos in response to central glucopenia. 2001 , 12, 531-4	50
1859	Changes in CSF hypocretin-1 (orexin A) levels in rats across 24 hours and in response to food deprivation. 2001 , 12, 993-7	188
1858	Orexin (hypocretin) gene expression in rat ependymal cells. 2001 , 12, 2117-20	8
1857	CSF hypocretin/orexin levels in narcolepsy and other neurological conditions. 2001 , 57, 2253-8	341
1856	Obesity and Hormonal Abnormalities. 225-239	10
1855	Role of hypothalamic neuropeptide Y and orexigenic peptides in anorexia associated with experimental colitis in the rat. 2001 , 100, 221-229	16
1854	Role of hypothalamic neuropeptide Y and orexigenic peptides in anorexia associated with experimental colitis in the rat. 2001 , 100, 221	8
1853	Orexin-A regulates body temperature in coordination with arousal status. 2001 , 226, 468-76	110
1852	Orexinergic innervation of POMC-containing neurons in the rat arcuate nucleus. 2001 , 12, 547-51	53
1851	Orexin receptors couple to Ca ²⁺ channels different from store-operated Ca ²⁺ channels. 2001 , 12, 2017-20	50
1850	Orexin/hypocretin excites the histaminergic neurons of the tuberomammillary nucleus. 2001 , 21, 9273-9	437
1849	Neuropeptides and the control of energy homeostasis. 2001 , 5, 93-112; discussion 112-5	1
1848	Fos expression in orexin neurons varies with behavioral state. 2001 , 21, 1656-62	548
1847	The prolactin releasing peptides: RF-amide peptides. 2001 , 58, 1206-15	32
1846	Evidence that orexin-A-evoked grooming in the rat is mediated by orexin-1 (OX1) receptors, with downstream 5-HT _{2C} receptor involvement. 2001 , 153, 203-9	81
1845	Effects of centrally administered orexin-B and orexin-A: a role for orexin-1 receptors in orexin-B-induced hyperactivity. 2001 , 153, 210-8	86

1844	Increased prevalence of obesity in narcoleptic patients and relatives. 2001 , 251, 85-9	104
1843	Hypothalamic neuropeptide mechanisms for regulating energy balance: from rodent models to human obesity. 2001 , 25, 101-16	81
1842	KO's and organisation of peptidergic feeding behavior mechanisms. 2001 , 25, 143-58	66
1841	Orexins/hypocretins: waking up the scientific world. 2001 , 54, 421-9	21
1840	Visualizing differences in ligand-induced beta-arrestin-GFP interactions and trafficking between three recently characterized G protein-coupled receptors. 2001 , 77, 476-85	66
1839	Characterization of apelin, the ligand for the APJ receptor. 2000 , 74, 34-41	490
1838	Leptin receptor- and STAT3-immunoreactivities in hypocretin/orexin neurones of the lateral hypothalamus. 1999 , 11, 653-63	182
1837	Neuropeptide Y counteracts the anorectic and weight reducing effects of ciliary neurotropic factor. 2000 , 12, 827-32	42
1836	Differential regulation of leptin receptor but not orexin in the hypothalamus of the lactating rat. 2000 , 12, 1077-86	35
1835	Effects of orexins on the hypothalamic-pituitary-adrenal system. 2000 , 12, 1174-8	147
1834	Central Administration of Orexin A Suppresses Basal and Domperidone Stimulated Plasma Prolactin. 2001 , 12, 1213-1218	60
1833	The role of neuropeptide Y in orexin-induced hypothalamic-pituitary-adrenal activation. 2001 , 13, 438-41	33
1832	Central orexin-A activates hypothalamic-pituitary-adrenal axis and stimulates hypothalamic corticotropin releasing factor and arginine vasopressin neurones in conscious rats. 2001 , 13, 421-4	103
1831	The central effects of orexin-A in the hypothalamic-pituitary-adrenal axis in vivo and in vitro in male rats. 2001 , 13, 561-6	97
1830	Evidence that orexin-containing neurones provide direct input to gonadotropin-releasing hormone neurones in the ovine hypothalamus. 2001 , 13, 1033-41	76
1829	Structure-activity analysis of truncated orexin-A analogues at the orexin-1 receptor. 2001 , 11, 737-40	59
1828	1,3-Biarylureas as selective non-peptide antagonists of the orexin-1 receptor. 2001 , 11, 1907-10	138
1827	The gut and food intake: an update for surgeons. 2001 , 5, 556-67	24

1826	Neurohumoral regulation of body weight gain. 2001 , 2, 131-44	20
1825	SB-334867, a selective orexin-1 receptor antagonist, enhances behavioural satiety and blocks the hyperphagic effect of orexin-A in rats. 2001 , 13, 1444-52	184
1824	Hypocretin (orexin) in the rat pineal gland: a central transmitter with effects on noradrenaline-induced release of melatonin. 2001 , 14, 419-25	35
1823	Fluctuation of extracellular hypocretin-1 (orexin A) levels in the rat in relation to the light-dark cycle and sleep-wake activities. 2001 , 14, 1075-81	342
1822	Orexins (hypocretins) directly excite tuberomammillary neurons. 2001 , 14, 1571-5	152
1821	Immunohistochemical localization and biochemical characterization of hypocretin/orexin-related peptides in the central nervous system of the frog <i>Rana ridibunda</i> . 2001 , 429, 242-52	56
1820	Characterization of CART neurons in the rat and human hypothalamus. 2001 , 432, 1-19	336
1819	Lateral hypothalamus: early developmental expression and response to hypocretin (orexin). 2001 , 433, 349-63	85
1818	Mapping of the mRNAs for the hypocretin/orexin and melanin-concentrating hormone receptors: networks of overlapping peptide systems. 2001 , 435, 1-5	73
1817	Differential expression of orexin receptors 1 and 2 in the rat brain. 2001 , 435, 6-25	1295
1816	Hypocretin/orexin, sleep and narcolepsy. 2001 , 23, 397-408	117
1815	Low cerebrospinal fluid hypocretin (Orexin) and altered energy homeostasis in human narcolepsy. 2001 , 50, 381-8	404
1814	Neuropeptide Y in central control of feeding and interactions with orexin and leptin. 2001 , 14, 269-73	74
1813	A neural circuit for circadian regulation of arousal. 2001 , 4, 732-8	488
1812	SB-334867-A: the first selective orexin-1 receptor antagonist. 2001 , 132, 1179-82	250
1811	Orexin A and B evoke noradrenaline release from rat cerebrocortical slices. 2001 , 134, 1461-6	44
1810	Obesity. Introduction. 2001 , 25 Suppl 5, S2-3	6
1809	Hypothalamic pathways underlying the endocrine, autonomic, and behavioral effects of leptin. 2001 , 25 Suppl 5, S78-82	107

1808	Mice lacking the M3 muscarinic acetylcholine receptor are hypophagic and lean. 2001 , 410, 207-12	323
1807	Leptin-regulated endocannabinoids are involved in maintaining food intake. 2001 , 410, 822-5	1310
1806	Mechanisms of orexin-induced depolarizations in rat dorsal motor nucleus of vagus neurones in vitro. 2001 , 537, 511-20	72
1805	Melanin concentrating hormone depresses synaptic activity of glutamate and GABA neurons from rat lateral hypothalamus. 2001 , 533, 237-52	154
1804	Anti-obesity drugs: a critical review of current therapies and future opportunities. 2001 , 89, 81-121	84
1803	Narcolepsy and the HLA region. 2001 , 117, 9-20	99
1802	Cloning of a novel biogenic amine receptor-like G protein-coupled receptor expressed in human brain. 2001 , 1521, 66-72	8
1801	The posterior hypothalamic area: chemoarchitecture and afferent connections. 2001 , 889, 1-22	119
1800	Characterization of melanin concentrating hormone and preproorexin expression in the murine hypothalamus. 2001 , 895, 160-6	82
1799	A significant participation of orexin-A, a potent orexigenic peptide, in the preovulatory luteinizing hormone and prolactin surges in the rat. 2001 , 898, 166-70	76
1798	Effects on sleep and wakefulness of the injection of hypocretin-1 (orexin-A) into the laterodorsal tegmental nucleus of the cat. 2001 , 901, 259-64	166
1797	Hypocretin (orexin) input to trigeminal and hypoglossal motoneurons in the cat: a double-labeling immunohistochemical study. 2001 , 903, 257-62	83
1796	Orexins: effects on behavior and localisation of orexin receptor 2 messenger ribonucleic acid in the rat brainstem. 2001 , 907, 27-34	45
1795	Orexin A-like immunoreactivity in the hypothalamus and thalamus of the Syrian hamster (<i>Mesocricetus auratus</i>) and Siberian hamster (<i>Phodopus sungorus</i>), with special reference to circadian structures. 2001 , 904, 234-44	69
1794	Inhibition of prostaglandin synthesis reduces hyperthermic reactions induced by hypocretin-1/orexin A. 2001 , 909, 68-74	50
1793	Effects of hypocretin-saporin injections into the medial septum on sleep and hippocampal theta. 2001 , 913, 106-15	84
1792	Reverse microdialysis of N-methyl-D-aspartic acid into the lateral hypothalamus of rats: effects on feeding and other behaviors. 2001 , 921, 122-32	30
1791	Feeding responses to several neuropeptide Y receptor agonists in the neonatal chick. 2001 , 427, 53-9	51

1790	Possible role of orexin A in nonadrenergic, noncholinergic inhibitory response of muscle of the mouse small intestine. 2001 , 428, 337-42	20
1789	Effects of cocaine- and amphetamine-regulated transcript peptide, leptin and orexins on hypothalamic serotonin release. 2001 , 430, 269-72	28
1788	Wakefulness: an eye-opening perspective on orexin neurons. 2001 , 11, R769-71	17
1787	A commentary on the neurobiology of the hypocretin/orexin system. 2001 , 25, S5-13	55
1786	A brief history of hypocretin/orexin and narcolepsy. 2001 , 25, S14-20	42
1785	Hypothalamic regulation of sleep. 2001 , 25, S21-7	30
1784	Regulatory peptides and control of food intake in non-mammalian vertebrates. 2001 , 128, 471-9	46
1783	Arousal effect of orexin A depends on activation of the histaminergic system. 2001 , 98, 9965-70	458
1782	Central orexin-A augments sympathoadrenal outflow in conscious rabbits. 2001 , 37, 1382-7	107
1781	Narcolepsy: new understanding of irresistible sleep. 2001 , 76, 185-94	29
1780	Orexin a preferentially excites glucose-sensitive neurons in the lateral hypothalamus of the rat in vitro. 2001 , 50, 2431-7	45
1779	Endothelin-1 stimulates leptin production in adipocytes. 2001 , 276, 28471-7	40
1778	Orphan G protein-coupled receptor, GPR41, induces apoptosis via a p53/Bax pathway during ischemic hypoxia and reoxygenation. 2001 , 276, 26453-60	49
1777	Orexin A interactions in the hypothalamo-pituitary gonadal axis. 2001 , 142, 5294-302	106
1776	Developmental changes in the long form leptin receptor and related neuropeptide gene expression in the pig brain. 2001 , 64, 1614-8	51
1775	Orexin-A and leptin change inversely in fasting non-obese subjects. 2001 , 144, 645-51	75
1774	Orexin A stimulates cortisol secretion from human adrenocortical cells through activation of the adenylate cyclase-dependent signaling cascade. 2001 , 86, 778-82	111
1773	Sleepy dogs don't lie: a genetic disorder informative about sleep. 2001 , 11, 509-11	1

1772	Minireview: ghrelin and the regulation of energy balance--a hypothalamic perspective. 2001 , 142, 4163-9	489
1771	Conditional deletion of brain-derived neurotrophic factor in the postnatal brain leads to obesity and hyperactivity. 2001 , 15, 1748-57	620
1770	Patterns of wheel running are related to Fos expression in neuropeptide-Y-containing neurons in the intergeniculate leaflet of <i>Arvicantha niloticus</i> . 2001 , 16, 163-72	21
1769	Hypoglycemia activates orexin neurons and selectively increases hypothalamic orexin-B levels: responses inhibited by feeding and possibly mediated by the nucleus of the solitary tract. 2001 , 50, 105-12	180
1768	Rodent obesity models: an overview. 2001 , 109, 307-19	173
1767	Expression and coupling characteristics of the CRH and orexin type 2 receptors in human fetal adrenals. 2001 , 86, 4512-9	85
1766	Prepro-orexin and orexin receptor mRNAs are differentially expressed in peripheral tissues of male and female rats. 2001 , 142, 3324-31	230
1765	Expression of orexin-A and functional orexin type 2 receptors in the human adult adrenals: implications for adrenal function and energy homeostasis. 2001 , 86, 4808-13	137
1764	Human pheochromocytomas express orexin receptor type 2 gene and display an in vitro secretory response to orexins A and B. 2001 , 86, 4818-21	47
1763	[The physiopathology of weight regulation during treatment with psychotropic drugs]. 2001 , 69, 116-37	9
1762	Central infusion of histamine reduces fat accumulation and upregulates UCP family in leptin-resistant obese mice. 2001 , 50, 376-84	100
1761	Notes on the Elements of Behavioral Science. 2001 ,	1
1760	The Neural Control of Sleep and Waking. 2002 ,	
1759	Characterization of an orphan G protein-coupled receptor localized in the dorsal root ganglia reveals adenine as a signaling molecule. 2002 , 99, 8573-8	105
1758	Expression of FAS within hypothalamic neurons: a model for decreased food intake after C75 treatment. 2002 , 283, E867-79	101
1757	The role of cerebrospinal fluid hypocretin measurement in the diagnosis of narcolepsy and other hypersomnias. 2002 , 59, 1553-62	874
1756	Identification of neuropeptide W as the endogenous ligand for orphan G-protein-coupled receptors GPR7 and GPR8. 2002 , 277, 35826-32	125
1755	Anorexia nervosa in female adolescents: endocrine and bone mineral density disturbances. 2002 , 147, 275-86	118

1754	Effects of agouti-related protein, orexin and melanin-concentrating hormone on oxygen consumption in mice. 2002 , 10, 523	2
1753	The Use of Biosensors to Study GPCR Function: Applications for High-Content Screening. 2002 , 8, 331-341	5
1752	The human prepro-orexin gene regulatory region that activates gene expression in the lateral region and represses it in the medial regions of the hypothalamus. 2002 , 277, 16985-92	30
1751	Orexins in the brain-gut axis. 2002 , 23, 1-15	140
1750	Seasonality of food intake in ruminants: recent developments in understanding. 2002 , 15, 43-65	47
1749	Decreased plasma orexin-A levels in obese individuals. 2002 , 26, 274-6	92
1748	Dynamics of the pituitary-adrenal ensemble in hypocretin-deficient narcoleptic humans: blunted basal adrenocorticotropin release and evidence for normal time-keeping by the master pacemaker. 2002 , 87, 5085-91	37
1747	Paraventricular-subparaventricular hypothalamic lesions selectively affect circadian function. 2002 , 19, 345-60	58
1746	Orexin-A augments voltage-gated Ca ²⁺ currents and synergistically increases growth hormone (GH) secretion with GH-releasing hormone in primary cultured ovine somatotropes. 2002 , 143, 4609-19	41
1745	Completing the loop: neuron-adipocyte interactions and the control of energy homeostasis. 2002 , 34, 607-15	13
1744	Reduction of plasma leptin levels and loss of its circadian rhythmicity in hypocretin (orexin)-deficient narcoleptic humans. 2002 , 87, 805-9	89
1743	The feeding response to melanin-concentrating hormone is attenuated by antagonism of the NPY Y(1)-receptor in the rat. 2002 , 143, 191-7	46
1742	Hypocretin release in normal and narcoleptic dogs after food and sleep deprivation, eating, and movement. 2002 , 283, R1079-86	113
1741	Immunocytochemical detection of orexin A in endocrine cells of the developing mouse gut. 2002 , 50, 63-9	41
1740	Novel G-protein-coupled receptor genes expressed in the brain: continued discovery of important therapeutic targets. 2002 , 6, 185-202	13
1739	Energy Balance, Ingestive Behavior, and Reproductive Success. 2002 , 435-IV	8
1738	Orphan G protein-coupled receptors and beyond. 2002 , 90, 101-6	18
1737	Functional Assays for Identifying Ligands at Orphan G Protein-Coupled Receptors. 2002 , 8, 297-308	4

1736	The Enzymology of PC1 and PC2. 2002 , 22, 291-332	18
1735	Hypocretin-1 activates G proteins in arousal-related brainstem nuclei of rat. 2002 , 13, 447-50	22
1734	5-HT1A receptor immunoreactivity in hypothalamic neurons involved in body weight control. 2002 , 13, 945-51	66
1733	Roles of orexins in regulation of feeding and wakefulness. 2002 , 13, 987-95	97
1732	Activation of orexin neurones after noxious but not conditioned fear stimuli in rats. 2002 , 13, 1351-3	53
1731	Stimulation of amylase release by Orexin is mediated by Orexin 2 receptor in AR42J cells. 2002 , 25, 405-10	13
1730	Hypocretin/orexin and sleep: implications for the pathophysiology and diagnosis of narcolepsy. 2002 , 15, 739-745	30
1729	Central Orexin-A stimulates pancreatic exocrine secretion via the vagus. 2002 , 25, 400-4	37
1728	Does body mass play a role in the regulation of food intake?. 2002 , 61, 473-87	62
1727	Developmental changes in the orexin 2 receptor mRNA in hypoglossal motoneurons. 2002 , 13, 433-6	45
1726	Anatomical, physiological, and pharmacological characteristics of histidine decarboxylase knock-out mice: evidence for the role of brain histamine in behavioral and sleep-wake control. 2002 , 22, 7695-711	387
1725	Neuropeptide Y, but not agouti-related peptide or melanin-concentrating hormone, is a target peptide for orexin-A feeding actions in the rat hypothalamus. 2002 , 75, 34-44	44
1724	Chapter II The melanin-concentrating hormone. 2002 , 31-101	3
1723	Chapter V Orexin receptors. 2002 , 20, 245-322	
1722	Identification of a novel human eicosanoid receptor coupled to G(i/o). 2002 , 277, 31459-65	122
1721	Suppressive action of orexin A on pulsatile luteinizing hormone secretion is potentiated by a low dose of estrogen in ovariectomized rats. 2002 , 75, 151-7	41
1720	Neuroendocrine regulation of appetite and energy balance. 2002 , 9, 215-223	4
1719	Neuroendocrine regulation of eating behavior. 2002 , 25, 836-54	48

1718	Functions of the orexinergic/hypocretinergic system. 2002 , 283, C1567-91	225
1717	Eating elicited by orexin-a, but not melanin-concentrating hormone, is opioid mediated. 2002 , 143, 2995-3000	139
1716	Orexins activate histaminergic neurons via the orexin 2 receptor. 2002 , 290, 1237-45	248
1715	The role of hypocretins (orexins) in sleep regulation and narcolepsy. 2002 , 25, 283-313	312
1714	Isolation and identification of EG-VEGF/prokineticins as cognate ligands for two orphan G-protein-coupled receptors. 2002 , 293, 396-402	187
1713	Hypocretin stimulates [(35)S]GTP gamma S binding in Hcrtr 2-transfected cell lines and in brain homogenate. 2002 , 294, 615-20	8
1712	Modulation of hypothalamic hypocretin/orexin mRNA expression by glucocorticoids. 2002 , 296, 129-33	50
1711	Ethanol inhibits leptin-induced STAT3 activation in Huh7 cells. 2002 , 525, 116-20	14
1710	Orexin signaling in recombinant neuron-like cells. 2002 , 526, 11-4	60
1709	SB-334867-A antagonises orexin mediated excitation in the locus coeruleus. 2002 , 42, 127-33	81
1708	The dorsomedial hypothalamic nucleus and its role in ingestive behavior and body weight regulation: lessons learned from lesioning studies. 2002 , 76, 431-42	173
1707	Orexin-mediated feeding behavior involves both leptin-sensitive and -insensitive pathways. 2002 , 77, 251-7	41
1706	Neuropeptides and amphibian prey-catching behavior. 2002 , 132, 151-62	44
1705	Localization of hypocretin-like immunoreactivity in the brain of the diurnal rodent, <i>Arvicantis niloticus</i> . 2002 , 23, 49-58	30
1704	The need to feed: homeostatic and hedonic control of eating. 2002 , 36, 199-211	860
1703	Hypocretin/Orexin excites hypocretin neurons via a local glutamate neuron-A potential mechanism for orchestrating the hypothalamic arousal system. 2002 , 36, 1169-81	383
1702	Cataplexy: 'tonic immobility' rather than 'REM-sleep atonia'?. 2002 , 3, 471-7	39
1701	Hot questions about the incidence of narcolepsy. 2002 , 3, 455	

1700	Roles of orexins in the regulation of feeding and arousal. 2002 , 3 Suppl 2, S3-9	47
1699	Sexually dimorphic expression of prepro-orexin mRNA in the rat hypothalamus. 2002 , 23, 1177-80	69
1698	Co-localization of hypocretin-1 and hypocretin-2 in the cat hypothalamus and brainstem. 2002 , 23, 1479-83	31
1697	Arousal effects of orexin-A correlate with GLU release from the locus coeruleus in rats. 2002 , 23, 1673-81	43
1696	Effects of orexin-A on memory processing. 2002 , 23, 1683-8	103
1695	Expressions of the prepro-orexin and orexin type 2 receptor genes in obese rat. 2002 , 23, 1689-96	19
1694	Measurement of hypocretin/orexin content in the mouse brain using an enzyme immunoassay: the effect of circadian time, age and genetic background. 2002 , 23, 2203-11	46
1693	Neuropeptides, food intake and body weight regulation: a hypothalamic focus. 2002 , 23, 2283-306	223
1692	Anatomical substrates of orexin-dopamine interactions: lateral hypothalamic projections to the ventral tegmental area. 2002 , 111, 379-87	406
1691	Cataplexy-related neurons in the amygdala of the narcoleptic dog. 2002 , 112, 355-65	79
1690	Selective enhancement of excitatory synaptic activity in the rat nucleus tractus solitarius by hypocretin 2. 2002 , 115, 707-14	70
1689	Chronic central infusion of orexin-A increases arterial pressure in rats. 2002 , 57, 619-22	26
1688	CSF hypocretin-1 levels in schizophrenics and controls: relationship to sleep architecture. 2002 , 110, 1-7	42
1687	Cortical arousal induced by microinjection of orexins into the paraventricular nucleus of the rat. 2002 , 128, 169-77	42
1686	Orexin/hypocretin neurons: chemical phenotype and possible interactions with melanin-concentrating hormone neurons. 2002 , 104, 33-9	62
1685	Selective excitation of GABAergic neurons in the substantia nigra of the rat by orexin/hypocretin in vitro. 2002 , 104, 83-9	76
1684	The role of NPY in the mediation of orexin-induced hypothermia. 2002 , 104, 55-9	25
1683	Effects of restricted feeding on the activity of hypothalamic Orexin (OX)-A containing neurons and OX2 receptor mRNA level in the paraventricular nucleus of rats. 2002 , 104, 145-51	47

1682	The action of orexin A on passive avoidance learning. Involvement of transmitters. 2002 , 104, 105-10	72
1681	Orexins and feeding: special occasions or everyday occurrence?. 2002 , 104, 1-9	29
1680	Orexins/hypocretins in the ob/ob mouse: hypothalamic gene expression, peptide content and metabolic effects. 2002 , 104, 11-20	37
1679	Characterization of orexins (hypocretins) and melanin-concentrating hormone in genetically obese mice. 2002 , 104, 21-5	20
1678	Feeding and activity induced by orexin A in the lateral hypothalamus in rats. 2002 , 104, 27-32	131
1677	Orexin gene expression and regulation by photoperiod in the sheep hypothalamus. 2002 , 104, 41-5	37
1676	Chronic intraparenchymal administration of orexin A in male rats does not alter thyroid axis or uncoupling protein-1 in brown adipose tissue. 2002 , 104, 61-8	33
1675	Orexins and adipogenic axis function in the rat. 2002 , 104, 69-73	27
1674	Pressor response to microinjection of orexin/hypocretin into rostral ventrolateral medulla of awake rats. 2002 , 104, 75-81	72
1673	Neuronal effects of orexins: relevant to sympathetic and cardiovascular functions. 2002 , 104, 91-5	65
1672	Orexin actions in hypothalamic paraventricular nucleus: physiological consequences and cellular correlates. 2002 , 104, 97-103	104
1671	Interaction of the hypocretins with neurotransmitters in the nucleus accumbens. 2002 , 104, 111-7	76
1670	Involvement of the serotonergic system in orexin-induced behavioral alterations in rats. 2002 , 104, 119-23	39
1669	Effects of orexin on cultured porcine adrenal medullary and cortex cells. 2002 , 104, 125-30	40
1668	Protein distribution of the orexin-2 receptor in the rat central nervous system. 2002 , 104, 131-44	221
1667	Anorectic, thermogenic and anti-obesity activity of a selective orexin-1 receptor antagonist in ob/ob mice. 2002 , 104, 153-9	112
1666	Cellular localization of orexin receptors in human adrenal gland, adrenocortical adenomas and pheochromocytomas. 2002 , 104, 161-5	37
1665	Cardiovascular actions of central neuromedin U in conscious rats. 2002 , 105, 29-34	55

1664	Plasma orexin-A is lower in patients with narcolepsy. 2002 , 318, 61-4	68
1663	The effect of orexin-A and -B on the histamine release in the anterior hypothalamus in rats. 2002 , 323, 93-6	44
1662	Orexin-1 receptor immunoreactivity in chemically identified target neurons in the rat hypothalamus. 2002 , 324, 5-8	34
1661	Increased cortical expression of the orexin-1 receptor following permanent middle cerebral artery occlusion in the rat. 2002 , 324, 53-6	28
1660	Ultrastructural localization of orexin-1 receptor in pre- and post-synaptic neurons in the rat arcuate nucleus. 2002 , 329, 209-12	16
1659	Age-related decline in hypocretin (orexin) receptor 2 messenger RNA levels in the mouse brain. 2002 , 332, 190-4	62
1658	Central orexin facilitates gastric relaxation and contractility in rats. 2002 , 332, 171-4	43
1657	G protein-coupled receptors: dominant players in cell-cell communication. 2002 , 212, 63-132	47
1656	Narcolepsia. 2002 , 119, 749-754	1
1655	Orexin-A depolarizes dissociated rat area postrema neurons through activation of a nonselective cationic conductance. 2002 , 22, 6303-8	61
1654	Direct and indirect excitation of laterodorsal tegmental neurons by Hypocretin/Orexin peptides: implications for wakefulness and narcolepsy. 2002 , 22, 2862-72	249
1653	Release of hypocretin (orexin) during waking and sleep states. 2002 , 22, 5282-6	286
1652	Peptidergic Transmitter Systems in Schizophrenia. 601-611	
1651	Known related effects of nutrition on aging muscle function. 2002 , 6, 135-47; discussion 147-50	1
1650	Hypocretin/orexin and sleep: implications for the pathophysiology and diagnosis of narcolepsy. 2002 , 15, 739-45	16
1649	Neuroendocrinology. 1135-1147	
1648	Search for neuron-specific and nonneuron-specific antibodies in narcoleptic patients with and without HLA DQB1*0602. 2002 , 25, 719-23	41
1647	Hypocretins (orexins) regulate serotonin neurons in the dorsal raphe nucleus by excitatory direct and inhibitory indirect actions. 2002 , 22, 9453-64	323

1646	Induction of active (REM) sleep and motor inhibition by hypocretin in the nucleus pontis oralis of the cat. 2002 , 87, 2880-8	57
1645	Aspectos fisiológicos do balanço energético. 2002 , 46, 230-248	6
1644	Differential activation of orexin neurons by antipsychotic drugs associated with weight gain. 2002 , 22, 6742-6	167
1643	Selective action of orexin (hypocretin) on nonspecific thalamocortical projection neurons. 2002 , 22, 7835-9	133
1642	The Hypocretin/Orexin System. 2002 , 95, 227-230	30
1641	Localization and effects of orexin on fasting motility in the rat duodenum. 2002 , 282, G470-9	56
1640	Invited review: genetic dissection of sleep. 2002 , 92, 1339-47	68
1639	Effect of orexin-A on discharge rate of rat suprachiasmatic nucleus neurons in vitro. 2002 , 53, 435-43	13
1638	Muscle tone facilitation and inhibition after orexin-a (hypocretin-1) microinjections into the medial medulla. 2002 , 87, 2480-9	60
1637	Integrating the regulation of food intake. 2002 , 283, R356-7	2
1636	Urocortin in the lateral septal area modulates feeding induced by orexin A in the lateral hypothalamus. 2002 , 283, R358-67	46
1635	Convergent excitation of dorsal raphe serotonin neurons by multiple arousal systems (orexin/hypocretin, histamine and noradrenaline). 2002 , 22, 8850-9	290
1634	Plasma orexin concentrations in patients on hemodialysis. 2002 , 90, 379-83	21
1633	Animal Models of Sleep Disturbances: Intrinsic and Environmental Determinants. 1203-1213	
1632	Intrinsic sleep disorders and anaesthesia. 2002 , 13, 6-15	
1631	Hypocretins/orexins as integrators of physiological information: lessons from mutant animals. 2002 , 36, 85-95	51
1630	Orexins and the treatment of obesity. 2002 , 440, 199-212	38
1629	Galanin/GALP and galanin receptors: role in central control of feeding, body weight/obesity and reproduction?. 2002 , 440, 255-68	101

1628	Reduction of blood glucose level by orexins in fasting normal and streptozotocin-diabetic mice. 2002 , 448, 245-52	28
1627	Involvement of cholinergic neurons in orexin-induced contraction of guinea pig ileum. 2002 , 452, 105-9	20
1626	Orexins and appetite regulation. 2002 , 36, 303-25	134
1625	The physiology and pharmacology of the orexins. 2002 , 94, 51-61	72
1624	Molecular cloning of chicken prepro-orexin cDNA and preferential expression in the chicken hypothalamus. 2002 , 1577, 476-80	54
1623	Functional cell-based uHTS in chemical genomic drug discovery. 2002 , 20, 110-5	60
1622	Regional differences in feeding and other behaviors elicited by N-methyl-D-aspartic acid in the rodent hypothalamus: a reverse microdialysis mapping study. 2002 , 925, 141-7	35
1621	Age-related changes in hypocretin (orexin) immunoreactivity in the cat brainstem. 2002 , 930, 206-11	37
1620	Circadian-dependent and circadian-independent behavioral actions of hypocretin/orexin. 2002 , 943, 224-36	82
1619	Interactions of neuropeptide Y, hypocretin-I (orexin A) and melanin-concentrating hormone on feeding in rats. 2002 , 944, 232-8	47
1618	Microinjection of orexin into the rat nucleus tractus solitarius causes increases in blood pressure. 2002 , 950, 261-7	71
1617	The hypothalamus in episodic brain disorders. 2002 , 1, 437-44	52
1616	Emerging roles for orphan G-protein-coupled receptors in the cardiovascular system. 2002 , 1, 206-213	
1615	Age-related changes in plasma orexin-A concentrations. 2002 , 37, 1127-30	32
1614	Target validation of G-protein coupled receptors. 2002 , 7, 235-46	319
1613	In silico identification of novel therapeutic targets. 2002 , 7, S64-9	9
1612	Sleep, feeding, and neuropeptides: roles of orexins and orexin receptors. 2002 , 12, 339-45	92
1611	Juvenile myoclonic epilepsy: linkage to chromosome 6p12 in Mexico families. 2002 , 113, 268-74	33

1610	Nicotinic receptor-mediated effects on appetite and food intake. 2002 , 53, 618-32	239
1609	Organization of human hypothalamus in fetal development. 2002 , 446, 301-24	93
1608	Childhood sleep disorders: diagnostic and therapeutic approaches. 2002 , 2, 150-7	5
1607	The SK-N-MC cell line expresses an orexin binding site different from recombinant orexin 1-type receptor. 2002 , 269, 1128-35	23
1606	Melanin-concentrating hormone neuron system: the Wide Web that controls the feeding. 2002 , 77, 149-60	17
1605	Orexin receptor-1 (OX-R1) immunoreactivity in chemically identified neurons of the hypothalamus: focus on orexin targets involved in control of food and water intake. 2002 , 15, 315-28	193
1604	Fasting stimulates tuberoinfundibular dopaminergic neuronal activity and inhibits prolactin secretion in oestrogen-primed ovariectomized rats: involvement of orexin A and neuropeptide Y. 2002 , 14, 745-52	17
1603	Resistance to the satiety action of leptin following chronic central leptin infusion is associated with the development of leptin resistance in neuropeptide Y neurones. 2002 , 14, 796-804	76
1602	Selective expression of Narp, a secreted neuronal pentraxin, in orexin neurons. 2002 , 82, 1561-5	79
1601	Orexin reverses cholecystokinin-induced reduction in feeding. 2002 , 4, 399-401	14
1600	Neuropeptides and appetite control. 2002 , 19, 619-27	125
1599	Multiple neural systems controlling food intake and body weight. 2002 , 26, 393-428	549
1598	EEG measurements by means of radiotelemetry after intracerebroventricular (ICV) cannulation in rodents. 2002 , 118, 89-96	27
1597	Orexin B immunoreactive fibers and terminals innervate the sensory and motor neurons of jaw-elevator muscles in the rat. 2002 , 44, 106-10	28
1596	Molecular pathways to obesity. 2002 , 26 Suppl 2, S18-27	72
1595	Reciprocal synaptic relationships between orexin- and melanin-concentrating hormone-containing neurons in the rat lateral hypothalamus: a novel circuit implicated in feeding regulation. 2002 , 26, 1523-32	105
1594	Sleep-waking discharge patterns of neurons recorded in the rat perifornical lateral hypothalamic area. 2002 , 538, 619-31	153
1593	Hypocretin-2 (orexin-B) modulation of superficial dorsal horn activity in rat. 2002 , 538, 517-25	68

1592	Hypocretin (orexin) enhances neuron activity and cell synchrony in developing mouse GFP-expressing locus coeruleus. 2002 , 541, 169-85	138
1591	Cellular mechanisms of orexin actions on paraventricular nucleus neurones in rat hypothalamus. 2002 , 545, 855-67	72
1590	Obesity therapy: altering the energy intake-and-expenditure balance sheet. 2002 , 1, 276-86	79
1589	The use of constitutively active GPCRs in drug discovery and functional genomics. 2002 , 1, 599-608	86
1588	The mouse: genetics meets behaviour. 2002 , 3, 114-23	136
1587	The hypocretins: setting the arousal threshold. 2002 , 3, 339-49	369
1586	Effects of fluoxetine administration on neuropeptide y and orexins in obese zucker rat hypothalamus. 2002 , 10, 532-40	24
1585	Analgesic effect of intrathecally administered orexin-A in the rat formalin test and in the rat hot plate test. 2002 , 137, 170-6	159
1584	Cloning and expression of a cDNA for a putative G protein-coupled receptor from the hepatopancreas of the crayfish, <i>Procambarus clarkii</i> . 2002 , 125, 25-33	4
1583	Orexins: from neuropeptides to energy homeostasis and sleep/wake regulation. 2002 , 80, 329-42	102
1582	Central regulation of food intake in the neonatal chick. 2002 , 73, 83-94	72
1581	Leptin and insulin action in the central nervous system. 2002 , 60, S20-9; discussion S68-84, 85-7	147
1580	The function of leptin in nutrition, weight, and physiology. 2002 , 60, S1-14; discussion S68-84, 85-7	311
1579	Neuropeptide Y: a physiological orexigen modulated by the feedback action of ghrelin and leptin. 2003 , 22, 49-56	88
1578	The in vitro regulation of growth hormone secretion by orexins. 2003 , 22, 57-66	14
1577	Variation in the expression of orexin and orexin receptors in the rat hypothalamus during the estrous cycle, pregnancy, parturition, and lactation. 2003 , 22, 127-34	26
1576	High levels of orexin A in the brain of the mouse model for phenylketonuria: possible role of orexin A in hyperactivity seen in children with PKU. 2003 , 28, 1891-4	10
1575	Brain mechanisms of sweetness and palatability of sugars. 2003 , 61, S5-9	39

1574	Orexins and their receptors: structural aspects and role in peripheral tissues. 2003 , 60, 72-87	89
1573	Cellular localization of orexins in human anterior pituitary. 2003 , 120, 259-64	38
1572	Fasting differentially regulates expression of agouti-related peptide, pro-opiomelanocortin, prepro-orexin, and vasoactive intestinal polypeptide mRNAs in the hypothalamus of Japanese quail. 2003 , 313, 217-25	69
1571	Orexin/Hypocretin: wired for wakefulness. 2003 , 13, R563-4	17
1570	Neuropeptides: opportunities for drug discovery. 2003 , 2, 463-72	234
1569	Refinement of behavioural traits in animals for the genetic dissection of eating disorders. 2003 , 480, 13-20	10
1568	Neuropeptides and anticipatory changes in behaviour and physiology: seasonal body weight regulation in the Siberian hamster. 2003 , 480, 43-50	36
1567	Activation of spinal orexin-1 receptor produces anti-allodynic effect in the rat carrageenan test. 2003 , 481, 175-80	32
1566	Partial arousal deficiency in SIDS victims and noradrenergic neuronal plasticity. 2003 , 75 Suppl, S61-4	3
1565	Sleep apnea in mice: a useful animal model for study of SIDS?. 2003 , 75 Suppl, S167-74	7
1564	Cardioacceleratory responses to hypocretin-1 injections into rostral ventromedial medulla. 2003 , 991, 84-95	69
1563	Collateral axonal projections from hypothalamic hypocretin neurons to cardiovascular sites in nucleus ambiguus and nucleus tractus solitarius. 2003 , 991, 133-41	60
1562	Effect of nicotine on the expression of leptin and forebrain leptin receptors in the rat. 2003 , 991, 222-31	43
1561	Stimulation of catecholamine synthesis by orexin-A in bovine adrenal medullary cells through orexin receptor 1. 2003 , 66, 141-7	18
1560	Localization of orexins and their receptors in the rat olfactory system: possible modulation of olfactory perception by a neuropeptide synthesized centrally or locally. 2003 , 960, 48-61	75
1559	Preoptic area warming inhibits wake-active neurons in the perifornical lateral hypothalamus. 2003 , 960, 165-73	25
1558	Glutamatergic afferent projections to the dorsal raphe nucleus of the rat. 2003 , 963, 57-71	130
1557	Paradoxical [correction of paradoxical] effect of orexin A: hypophagia induced by hyperthermia. 2003 , 961, 220-8	41

1556	Identification of neurons containing orexin-B (hypocretin-2) immunoreactivity in limbic structures. 2003 , 967, 123-31	37
1555	GABAA receptor epsilon subunit expression in identified peptidergic neurons of the rat hypothalamus. 2003 , 967, 285-9	55
1554	Orexin-A-sensitive site for energy expenditure localized in the arcuate nucleus of the hypothalamus. 2003 , 971, 128-34	33
1553	Hypocretinergic facilitation of synaptic activity of neurons in the nucleus pontis oralis of the cat. 2003 , 976, 253-8	22
1552	Estrogen alters the bradycardia response to hypocretin-1 in the nucleus tractus solitarius of the ovariectomized female. 2003 , 978, 14-23	25
1551	Food- and light-entrained circadian rhythms in rats with hypocretin-2-saporin ablations of the lateral hypothalamus. 2003 , 980, 161-8	41
1550	Effects of central hypocretin-1 administration on hemodynamic responses in young-adult and middle-aged rats. 2003 , 981, 143-50	47
1549	Cardiovascular responses to hypocretin-1 in nucleus ambiguus of the ovariectomized female rat. 2003 , 986, 148-56	17
1548	Immunoelectron microscopic examination of orexin-like immunoreactive fibers in the dorsal horn of the rat spinal cord. 2003 , 987, 86-92	19
1547	Leptin signaling in the hypothalamus: emphasis on energy homeostasis and leptin resistance. 2003 , 24, 225-53	234
1546	The orexin/hypocretin system: a critical regulator of neuroendocrine and autonomic function. 2003 , 24, 141-50	144
1545	Adrafinil disrupts performance on a delayed nonmatching-to-position task in aged beagle dogs. 2003 , 76, 161-8	9
1544	Expression of melanocortin 4 receptor mRNA in the central nervous system of the rat. 2003 , 457, 213-35	476
1543	Projections from the rhomboid nucleus of the bed nuclei of the stria terminalis: implications for cerebral hemisphere regulation of ingestive behaviors. 2003 , 463, 434-72	125
1542	Overlapping distributions of orexin/hypocretin- and dopamine-beta-hydroxylase immunoreactive fibers in rat brain regions mediating arousal, motivation, and stress. 2003 , 464, 220-37	297
1541	Hypothalamic orexin (hypocretin) neurons express vesicular glutamate transporters VGLUT1 or VGLUT2. 2003 , 465, 593-603	197
1540	The neurobiology, diagnosis, and treatment of narcolepsy. 2003 , 53, 154-66	206
1539	Perchance to dream: solving the mystery of sleep through genetic analysis. 2003 , 54, 179-202	66

1538	N-acyl 6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline: the first orexin-2 receptor selective non-peptidic antagonist. 2003 , 13, 4497-9	97
1537	Generation of a bioactive neuropeptide in a cell-free system. 2003 , 316, 34-40	7
1536	Development of an orexin-2 receptor selective agonist, [Ala(11), D-Leu(15)]orexin-B. 2003 , 13, 111-3	97
1535	Hypothalamic neuronal networks and feeding-related peptides involved in the regulation of feeding. 2003 , 78, 123-38	36
1534	Chemical coding of GABA(B) receptor-immunoreactive neurones in hypothalamic regions regulating body weight. 2003 , 15, 1-14	68
1533	Orexin-A immunoreactivity and prepro-orexin mRNA expression in hyperphagic rats induced by hypothalamic lesions and lactation. 2003 , 15, 51-60	13
1532	Effect of intracerebroventricular administration of the octadecaneuropeptide on the expression of pro-opiomelanocortin, neuropeptide Y and corticotropin-releasing hormone mRNAs in rat hypothalamus. 2003 , 15, 197-203	38
1531	Hypothalamic-pituitary-adrenal responses to centrally administered orexin-A are suppressed in pregnant rats. 2003 , 15, 633-7	56
1530	Links between the appetite regulating systems and the neuroendocrine hypothalamus: lessons from the sheep. 2003 , 15, 697-709	29
1529	Neuropeptide y targets in the hypothalamus: nitric oxide synthesizing neurones express Y1 receptor. 2003 , 15, 754-60	23
1528	Palatable solutions during paradoxical sleep deprivation: reduction of hypothalamic-pituitary-adrenal axis activity and lack of effect on energy imbalance. 2003 , 15, 815-21	47
1527	Changes in agouti-related peptide during the ring dove breeding cycle in relation to prolactin and parental hyperphagia. 2003 , 15, 1046-53	33
1526	History and perspectives of hypocretin/orexin research in sleep medicine. 2003 , 1, 43-54	3
1525	Inhibition of rostral basal forebrain neurons promotes wakefulness and induces FOS in orexin neurons. 2003 , 17, 1635-45	20
1524	Hypocretin-1 causes G protein activation and increases ACh release in rat pons. 2003 , 18, 1775-85	46
1523	Turnover of acinar and islet cells in the pancreas of monosodium glutamate-treated obese mice. 2003 , 11, 87-94	9
1522	Hypocretin deficiency in narcoleptic humans is associated with abdominal obesity. 2003 , 11, 1147-54	137
1521	Complications of obesity: the inflammatory link. Introduction. 2003 , 27 Suppl 3, S2-3	8

1520	Candidate genes for anorexia nervosa in the 1p33-36 linkage region: serotonin 1D and delta opioid receptor loci exhibit significant association to anorexia nervosa. 2003 , 8, 397-406	114
1519	Gastrointestinal-projecting neurones in the dorsal motor nucleus of the vagus exhibit direct and viscerotopically organized sensitivity to orexin. 2003 , 549, 37-56	55
1518	Orexins induce increased excitability and synchronisation of rat sympathetic preganglionic neurones. 2003 , 549, 809-21	86
1517	Salusins: newly identified bioactive peptides with hemodynamic and mitogenic activities. 2003 , 9, 1166-72	141
1516	Putative targets of CNS melanocortin receptor activity. 2003 , 994, 211-7	1
1515	Determination of endogenous peptides in the porcine brain: possible construction of peptidome, a fact database for endogenous peptides. 2003 , 792, 33-48	32
1514	Sibutramine decreases body weight gain and increases energy expenditure in obese Zucker rats without changes in NPY and orexins. 2003 , 6, 103-11	18
1513	Making sense of gut contents. 2003 , 38, 451-5	7
1512	Gastric leptin: a putative role in the short-term regulation of food intake. 2003 , 90, 735-41	65
1511	Cellular Localization of Prepro-Orexin and Orexin Receptors (Ox1R and Ox2R) in Merkel Cells. 2003 , 65-70	
1510	Diurnal variation of cerebrospinal fluid hypocretin-1 (Orexin-A) levels in control and depressed subjects. 2003 , 54, 96-104	206
1509	Melanin-concentrating hormone functions in the nervous system: food intake and stress. 2003 , 7, 495-511	63
1508	Localization of orexin-1 receptors to vagal afferent neurons in the rat and humans. 2003 , 124, 129-39	92
1507	Clinical aspects and pathophysiology of narcolepsy. 2003 , 114, 2000-17	95
1506	Ghrelin-induced food intake is mediated via the orexin pathway. 2003 , 144, 1506-12	361
1505	Hypothalamus of the human fetus. 2003 , 26, 253-70	83
1504	Synaptic interactions between ghrelin- and neuropeptide Y-containing neurons in the rat arcuate nucleus. 2003 , 24, 1921-8	54
1503	Orexin neurons project to diverse sympathetic outflow systems. 2003 , 122, 541-50	73

1502	Glucose regulates the release of orexin-a from the endocrine pancreas. 2003 , 52, 111-7	98
1501	Effects of neuromedin U on the pulsatile LH secretion in ovariectomized rats in association with feeding conditions. 2003 , 311, 721-7	16
1500	Relationship between CSF hypocretin levels and hypocretin neuronal loss. 2003 , 184, 1010-6	106
1499	Regulation of orexin neurons by the monoaminergic and cholinergic systems. 2003 , 303, 120-9	198
1498	Hypothalamic gene expression in long-term fasted rats: relationship with body fat. 2003 , 303, 1106-13	80
1497	Novel human G-protein-coupled receptors. 2003 , 305, 67-71	43
1496	The STC-1 cells express functional orexin-A receptors coupled to CCK release. 2003 , 309, 209-16	26
1495	Lateral hypothalamic neuropeptides in reward and drug addiction. 2003 , 73, 759-68	170
1494	The hypocretin/orexin system in health and disease. 2003 , 54, 87-95	69
1493	Orexin-A expression in human peripheral tissues. 2003 , 205, 43-50	134
1492	Modafinil increases histamine release in the anterior hypothalamus of rats. 2003 , 339, 143-6	99
1491	Evidence implicating a role for orexin-1 receptor modulation of paradoxical sleep in the rat. 2003 , 341, 256-8	76
1490	Galanin-like peptide is target for regulation by orexin in the rat hypothalamus. 2003 , 340, 209-12	30
1489	Differential kinetics of hypocretins in the cerebrospinal fluid after intracerebroventricular administration in rats. 2003 , 346, 182-6	39
1488	Anti-mechanical allodynic effect of intrathecal and intracerebroventricular injection of orexin-A in the rat neuropathic pain model. 2003 , 347, 183-6	59
1487	Orexin-immunoreactive inputs to rat sympathetic preganglionic neurons. 2003 , 351, 115-9	51
1486	Plasma orexin-A-like immunoreactivity in patients with sleep apnea hypopnea syndrome. 2003 , 24, 407-11	44
1485	Co-existence of leptin- and orexin-receptors in feeding-regulating neurons in the hypothalamic arcuate nucleus-a triple labeling study. 2003 , 24, 687-94	32

1484	Electron microscopic examination of the orexin immunoreactivity in the dorsal raphe nucleus. 2003 , 24, 925-30	17
1483	Haloperidol reduces the sympathetic and thermogenic activation induced by orexin A. 2003 , 45, 17-23	24
1482	Morphological study of orexin neurons in the hypothalamus of the Long-Evans rat, with special reference to co-expression of orexin and NADPH-diaphorase or nitric oxide synthase activities. 2003 , 46, 53-62	34
1481	Effects of lateral hypothalamic lesion with the neurotoxin hypocretin-2-saporin on sleep in Long-Evans rats. 2003 , 116, 223-35	99
1480	Orexin-A (hypocretin-1) impairs Morris water maze performance and CA1-Schaffer collateral long-term potentiation in rats. 2003 , 119, 1221-8	70
1479	Long-term alteration in bodyweight and food restriction does not affect the gene expression of either preproorexin or prodynorphin in the sheep. 2003 , 118, 217-26	27
1478	Precursor-protein convertase 1 gene expression in the mouse hypothalamus: differential regulation by ob gene mutation, energy deficit and administration of leptin, and coexpression with prepro-orexin. 2003 , 119, 713-20	38
1477	Orexin A (hypocretin-1) application at the medial preoptic area potentiates male sexual behavior in rats. 2003 , 116, 921-3	71
1476	State-dependent activity of neurons in the perifornical hypothalamic area during sleep and waking. 2003 , 119, 1209-19	90
1475	Colocalization of orexin a and glutamate immunoreactivity in axon terminals in the tuberomammillary nucleus in rats. 2003 , 119, 1033-44	161
1474	Fos immunoreactivity in hypocretin-synthesizing and hypocretin-1 receptor-expressing neurons: effects of diurnal and nocturnal spontaneous waking, stress and hypocretin-1 administration. 2003 , 121, 201-17	127
1473	Emerging roles for orphan G-protein-coupled receptors in the cardiovascular system. 2003 , 24, 30-5	71
1472	Altered action of dopamine and cholecystokinin on lateral hypothalamic neurons in rats raised under different feeding conditions. 2003 , 147, 89-94	17
1471	Neural regulation of blood pressure by leptin and the related peptides. 2003 , 114, 79-86	61
1470	Pregnancy-induced hyperphagia is associated with increased gene expression of hypothalamic agouti-related peptide in rats. 2003 , 114, 159-65	42
1469	Calcitonin receptor-stimulating peptide, a new member of the calcitonin gene-related peptide family. Its isolation from porcine brain, structure, tissue distribution, and biological activity. 2003 , 278, 12046-54	77
1468	The distribution and mechanism of action of ghrelin in the CNS demonstrates a novel hypothalamic circuit regulating energy homeostasis. 2003 , 37, 649-61	1299
1467	Distinct narcolepsy syndromes in Orexin receptor-2 and Orexin null mice: molecular genetic dissection of Non-REM and REM sleep regulatory processes. 2003 , 38, 715-30	508

1466	Hypothalamic orexin neurons regulate arousal according to energy balance in mice. 2003 , 38, 701-13	731
1465	Hypocretin (orexin) induces calcium transients in single spines postsynaptic to identified thalamocortical boutons in prefrontal slice. 2003 , 40, 139-50	109
1464	Weighing the role of hypothalamic feeding neurotransmitters. 2003 , 40, 1059-61	98
1463	Peptide and trace amine orphan receptors: prospects for new therapeutic targets. 2003 , 3, 127-34	24
1462	Functional genomics of sleep. 2003 , 135, 207-20	14
1461	Distribution, function, and properties of leptin receptors in the brain. 2003 , 224, 1-27	62
1460	The NMR-derived conformation of orexin-A: an orphan G-protein coupled receptor agonist involved in appetite regulation and sleep. 2003 , 21, 201-10	7
1459	NMR conformational studies of micelle-bound orexin-B: a neuropeptide involved in the sleep/awake cycle and feeding regulation. 2003 , 21, 341-51	10
1458	Effects of orexin (hypocretin) on GIRK channels. 2003 , 90, 693-702	80
1457	Chapter 28. Recent development in cheminformatics and chemogenomics. 2003 , 38, 285-294	3
1456	Identification of natural ligands for the orphan G protein-coupled receptors GPR7 and GPR8. 2003 , 278, 776-83	95
1455	cDNA cloning of chicken orexin receptor and tissue distribution: sexually dimorphic expression in chicken gonads. 2003 , 31, 499-508	45
1454	Endocrine responses to short-term feed deprivation in weanling pigs. 2003 , 178, 541-51	46
1453	Central orexin A has site-specific effects on luteinizing hormone release in female rats. 2003 , 144, 3225-36	77
1452	Characterization of a family of endogenous neuropeptide ligands for the G protein-coupled receptors GPR7 and GPR8. 2003 , 100, 6251-6	164
1451	Ghrelin directly interacts with neuropeptide-Y-containing neurons in the rat arcuate nucleus: Ca ²⁺ signaling via protein kinase A and N-type channel-dependent mechanisms and cross-talk with leptin and orexin. 2003 , 52, 948-56	294
1450	The genetics of narcolepsy. 2003 , 4, 459-83	93
1449	Hypersensitization of the Orexin 1 receptor by the CB1 receptor: evidence for cross-talk blocked by the specific CB1 antagonist, SR141716. 2003 , 278, 23731-7	148

1448	Identification of relaxin-3/INSL7 as an endogenous ligand for the orphan G-protein-coupled receptor GPCR135. 2003 , 278, 50754-64	272
1447	Hypothalamic levels of NPY, MCH, and prepro-orexin mRNA during pregnancy and lactation in the rat: role of prolactin. 2003 , 17, 1392-400	90
1446	Identification and characterization of a novel RF-amide peptide ligand for orphan G-protein-coupled receptor SP9155. 2003 , 278, 27652-7	131
1445	Distinct recognition of OX1 and OX2 receptors by orexin peptides. 2003 , 305, 507-14	141
1444	Generation of the melatonin endocrine message in mammals: a review of the complex regulation of melatonin synthesis by norepinephrine, peptides, and other pineal transmitters. 2003 , 55, 325-95	493
1443	Antiallodynic effects of intrathecal orexins in a rat model of postoperative pain. 2003 , 307, 1065-71	68
1442	Arcuate nucleus-specific leptin receptor gene therapy attenuates the obesity phenotype of Koletsky (fa(k)/fa(k)) rats. 2003 , 144, 2016-24	140
1441	Agouti-related peptide, neuropeptide Y, and somatostatin-producing neurons are targets for ghrelin actions in the rat hypothalamus. 2003 , 144, 544-51	188
1440	Plasma orexin-A levels and body composition in COPD. 2003 , 123, 1060-5	21
1439	Intraventricular melanin-concentrating hormone stimulates water intake independent of food intake. 2003 , 284, R494-9	50
1438	Pharmacogenomics in the treatment of narcolepsy. 2003 , 4, 23-33	18
1437	Fasting activates the nonhuman primate hypocretin (orexin) system and its postsynaptic targets. 2003 , 144, 3774-8	97
1436	Tetrahydroisoquinolines as Orexin Receptor Antagonists: Strategies for Lead Optimization by Solution-Phase Chemistry. 2003 , 57, 270-275	24
1435	Hypothalamic neuropeptide Y/Y1 receptor pathway activated by a reduction in circulating leptin, but not by an increase in circulating ghrelin, contributes to hyperphagia associated with triiodothyronine-induced thyrotoxicosis. 2003 , 78, 321-30	47
1434	Minireview: From anorexia to obesity--the yin and yang of body weight control. 2003 , 144, 3749-56	309
1433	Gonadal steroids differentially regulate the messenger ribonucleic acid expression of pituitary orexin type 1 receptors and adrenal orexin type 2 receptors. 2003 , 144, 1219-25	55
1432	. 2003 , 6, 353-360	71
1431	Orexin a elicits arousal electroencephalography without sympathetic cardiovascular activation in isoflurane-anesthetized rats. 2003 , 97, 1663-1666	29

1430	Cardiac effects of hypocretin-1 in nucleus ambiguus. 2003 , 284, R1611-20	41
1429	M 1 -M 5 Muscarinic Receptor Knockout Mice as Novel Tools to Study the Physiological Roles of the Muscarinic Cholinergic System. 2003 , 9, 279-290	46
1428	Peptides that regulate food intake: orexin gene expression is increased during states of hypertriglyceridemia. 2003 , 284, R1454-65	89
1427	The level of hypocretin 1 (orexin A) in cerebrospinal fluid and the diagnosis of narcolepsy and other somnolent disorders. 2003 , 42, 634-5	3
1426	Hypersomnia and low CSF hypocretin-1 (orexin-A) concentration in a patient with multiple sclerosis showing bilateral hypothalamic lesions. 2003 , 42, 743-5	49
1425	[Roles of biologically active peptide in regulation of feeding behavior and energy homeostasis]. 2003 , 122, 236-42	1
1424	Orexin receptor type-1 couples exclusively to pertussis toxin-insensitive G-proteins, while orexin receptor type-2 couples to both pertussis toxin-sensitive and -insensitive G-proteins. 2003 , 92, 259-66	137
1423	Orexin-A depolarizes nucleus tractus solitarius neurons through effects on nonselective cationic and K ⁺ conductances. 2003 , 89, 2167-75	88
1422	From the Human Genome to New Drugs: The Potential of Orphan G-protein-coupled Receptors. 2003 , 95-121	1
1421	Attenuated defense response and low basal blood pressure in orexin knockout mice. 2003 , 285, R581-93	242
1420	Plasma orexin-A levels in obstructive sleep apnea-hypopnea syndrome. 2003 , 124, 1381-5	51
1419	Narcolepsy: differential diagnosis or etiology in some cases of bipolar disorder and schizophrenia?. 2003 , 8, 120-6	28
1418	Cardiovascular effects of hypocretin-1 in nucleus of the solitary tract. 2003 , 284, H1369-77	59
1417	Effects of bilateral auricular acupuncture stimulation on body weight in healthy volunteers and mildly obese patients. 2003 , 228, 1201-7	24
1416	Involvement of novel feeding-related peptides in neuroendocrine response to stress. 2003 , 228, 1168-74	25
1415	Short fasting dramatically decreases rat duodenal secretory responsiveness to orexin A but not to VIP or melatonin. 2003 , 285, G1091-6	15
1414	Cardiovascular effects of leptin and orexins. 2003 , 284, R639-51	62
1413	References. 2003 , 79, 297-476	

1412	Orexin receptors and G-protein coupling: evidence for another "promiscuous" seven transmembrane domain receptor. 2003 , 93, 126-8	27
1411	Hypocretinergic Neurons are Primarily involved in Activation of the Somatomotor System. 2003 ,	1
1410	Involvement of the lateral hypothalamic peptide orexin in morphine dependence and withdrawal. 2003 , 23, 3106-11	295
1409	Circadian and homeostatic regulation of hypocretin in a primate model: implications for the consolidation of wakefulness. 2003 , 23, 3555-60	231
1408	Orexine: Wirkungsspektrum und mögliche therapeutische Indikationen multifunktionaler Peptide. 2003 , 01, 35-9	
1407	The wake-promoting hypocretin-orexin neurons are in an intrinsic state of membrane depolarization. 2003 , 23, 1557-62	144
1406	Selective enhancement of synaptic inhibition by hypocretin (orexin) in rat vagal motor neurons: implications for autonomic regulation. 2003 , 23, 3844-54	81
1405	Critical role of dorsomedial hypothalamic nucleus in a wide range of behavioral circadian rhythms. 2003 , 23, 10691-702	415
1404	Genetics of sleep and sleep disorders. 2003 , 8, e381-97	35
1403	Orexin neurons express a functional pancreatic polypeptide Y4 receptor. 2003 , 23, 1487-97	89
1402	STRATEGIES IN THE SEARCH FOR NEW LEAD COMPOUNDS OR ORIGINAL WORKING HYPOTHESES. 2003 , 69-89	2
1401	Transgenic mice expressing green fluorescent protein under the control of the melanocortin-4 receptor promoter. 2003 , 23, 7143-54	315
1400	Sleep networks and the anatomic and physiologic connections with respiratory control. 2003 , 8, d946-62	24
1399	Nucleus accumbens mu-opioids regulate intake of a high-fat diet via activation of a distributed brain network. 2003 , 23, 2882-8	177
1398	Orexin excites GABAergic neurons of the arcuate nucleus by activating the sodium-calcium exchanger. 2003 , 23, 4951-7	137
1397	Excitatory effects of orexin-A on nucleus tractus solitarius neurons are mediated by phospholipase C and protein kinase C. 2003 , 23, 6215-22	77
1396	Excitatory effects of hypocretin-1 (orexin-A) in the trigeminal motor nucleus are reversed by NMDA antagonism. 2003 , 89, 2591-600	82
1395	The other side of the orexins: endocrine and metabolic actions. 2003 , 284, E13-7	49

1394	Somatotropic axis in hypocretin-deficient narcoleptic humans: altered circadian distribution of GH-secretory events. 2003 , 284, E641-7	43
1393	Physiological regulation and NO-dependent inhibition of migrating myoelectric complex in the rat small bowel by OXA. 2003 , 285, G688-95	20
1392	Photoperiod effects on gene expression for hypothalamic appetite-regulating peptides and food intake in the ram. 2003 , 284, R101-15	33
1391	The orexins: linking circulatory control with behavior. 2003 , 285, R519-21	7
1390	Changes in orexin-A and neuropeptide Y expression in the hypothalamus of the fasted and high-fat diet fed rats. 2004 , 5, 295	31
1389	In vitro and in vivo effects of ghrelin on luteinizing hormone and growth hormone release in goldfish. 2004 , 286, R1093-101	92
1388	Transplantation of hypocretin neurons into the pontine reticular formation: preliminary results. 2004 , 27, 1465-70	45
1387	Orexin (hypocretin) effects on constitutively active inward rectifier K ⁺ channels in cultured nucleus basalis neurons. 2004 , 92, 3183-91	36
1386	Orexin-A does not stimulate food intake in old rats. 2004 , 287, G1182-7	29
1385	The diurnal rhythm of hypocretin in young and old F344 rats. 2004 , 27, 851-6	78
1384	Plasma levels of orexin-a and leptin in obese children. 2004 , 13, 47-53	8
1383	Locus Coeruleus, A5 and A7 Noradrenergic Cell Groups. 2004 , 259-294	51
1382	Adrenergic signaling plays a critical role in the maintenance of waking and in the regulation of REM sleep. 2004 , 92, 2071-82	87
1381	Orexin 1 receptor messenger ribonucleic acid expression and stimulation of testosterone secretion by orexin-A in rat testis. 2004 , 145, 2297-306	66
1380	Postgenomic characterization of G-protein-coupled receptors. 2004 , 5, 657-72	30
1379	Genomic organization of mouse orexin receptors: characterization of two novel tissue-specific splice variants. 2004 , 18, 2790-804	44
1378	Narcolepsy and excessive daytime sleepiness. 2004 , 329, 724-8	41
1377	A polymorphism of the hypocretin receptor 2 gene is associated with cluster headache. 2004 , 63, 1286-8	101

1376	Orexins (hypocretins) and adrenal function. 2004 , 36, 370-5	27
1375	Neurophysiological mechanisms of sleep and wakefulness: a question of balance. 2004 , 24, 211-23	45
1374	Minireview: Diversity and complexity of signaling through peptidergic G protein-coupled receptors. 2004 , 145, 2645-52	59
1373	Differential effects of adrenalectomy on melanin-concentrating hormone and orexin A. 2004 , 145, 3404-12	16
1372	Narcolepsy and syndromes of primary excessive daytime somnolence. 2004 , 24, 271-82	38
1371	Hypocretin (orexin): role in normal behavior and neuropathology. 2004 , 55, 125-48	216
1370	The receptor-Galpha fusion protein as a tool for ligand screening: a model study using a nociceptin receptor-Galpha2 fusion protein. 2004 , 135, 597-604	15
1369	Serotonergic regulation of the orexin/hypocretin neurons through the 5-HT1A receptor. 2004 , 24, 7159-66	162
1368	Brain circuits regulating energy homeostasis. 2004 , 10, 235-46	55
1367	The orexin/hypocretin system in zebrafish is connected to the aminergic and cholinergic systems. 2004 , 24, 2678-89	228
1366	Orexin-A infusion in the locus ceruleus triggers norepinephrine (NE) release and NE-induced long-term potentiation in the dentate gyrus. 2004 , 24, 7421-6	87
1365	Exclusive postsynaptic action of hypocretin-orexin on sublayer 6b cortical neurons. 2004 , 24, 6760-4	125
1364	BacMam recombinant baculoviruses in G protein-coupled receptor drug discovery. 2004 , 10, 99-107	46
1363	Feeding and temperature responses to intravenous leptin infusion are differential predictors of obesity in rats. 2004 , 286, R756-63	9
1362	Orexin A and B levels in the hypothalamus of female rats: the effects of the estrous cycle and age. 2004 , 150, 737-42	64
1361	Orexin neurons function in an efferent pathway of a food-entrainable circadian oscillator in eliciting food-anticipatory activity and wakefulness. 2004 , 24, 10493-501	168
1360	Plasma concentrations of orexins in children. 2004 , 48, 215-20	24
1359	Orexin peptides prevent cataplexy and improve wakefulness in an orexin neuron-ablated model of narcolepsy in mice. 2004 , 101, 4649-54	263

1358	Clinical significance of daytime plasma orexin-A-like immunoreactivity concentrations in patients with obstructive sleep apnea hypopnea syndrome. 2004 , 71, 380-4	33
1357	Orexins and their receptors in the human retina. 2004 , 71, 211-6	16
1356	Induction of brain-region-specific forms of obesity by agouti. 2004 , 24, 10176-81	27
1355	Rapid inhibition of leptin signaling by glucocorticoids in vitro and in vivo. 2004 , 279, 19658-64	22
1354	The C-terminal nonapeptide of mature chemerin activates the chemerin receptor with low nanomolar potency. 2004 , 279, 9956-62	139
1353	Hypocretin/orexin innervation and excitation of identified septohippocampal cholinergic neurons. 2004 , 24, 3527-36	124
1352	Expression of a poly-glutamine-ataxin-3 transgene in orexin neurons induces narcolepsy-cataplexy in the rat. 2004 , 24, 4469-77	161
1351	Simultaneous absence of dopamine D1 and D2 receptor-mediated signaling is lethal in mice. 2004 , 101, 11465-70	49
1350	Interaction between the corticotropin-releasing factor system and hypocretins (orexins): a novel circuit mediating stress response. 2004 , 24, 11439-48	353
1349	Establishment and primary application of a highly-sensitive orexin-A radioimmunoassay. 2004 , 25, 45-55	5
1348	Sleep rhythmicity and homeostasis in mice with targeted disruption of mPeriod genes. 2004 , 287, R47-57	117
1347	Activation of a subpopulation of orexin/hypocretin-containing hypothalamic neurons by GABA _A receptor-mediated inhibition of the nucleus accumbens shell, but not by exposure to a novel environment. 2004 , 19, 376-86	105
1346	Gene expression profiling reveals multiple novel intrinsic and extrinsic factors associated with axonal regeneration failure. 2004 , 19, 32-42	28
1345	Orexin (hypocretin)/dynorphin neurons control GABAergic inputs to tuberomammillary neurons. 2004 , 19, 1278-84	91
1344	Orexins (hypocretins) directly interact with neuropeptide Y, POMC and glucose-responsive neurons to regulate Ca ²⁺ signaling in a reciprocal manner to leptin: orexigenic neuronal pathways in the mediobasal hypothalamus. 2004 , 19, 1524-34	201
1343	Reduced food anticipatory activity in genetically orexin (hypocretin) neuron-ablated mice. 2004 , 20, 3054-62	150
1342	Low-voltage-activated A-current controls the firing dynamics of mouse hypothalamic orexin neurons. 2004 , 20, 3281-5	25
1341	Extracellular GABA in the medial hypothalamus is increased following hypocretin-1 administration. 2004 , 182, 89-94	11

- 1340 Characterization of subpopulations of neurons producing melanin-concentrating hormone in the rat ventral diencephalon. **2004**, 91, 911-9 64
- 1339 Integrating hypocretins/orexins into an overall neural circuit model of sleep-wake regulation. **2004**, 2, S15-S16
- 1338 Merkel cells, a new localization of prepro-orexin and orexin receptors. **2004**, 204, 117-22 15
- 1337 Orexin-A regulates growth hormone-releasing hormone mRNA content in a nucleus-specific manner and somatostatin mRNA content in a growth hormone-dependent fashion in the rat hypothalamus. **2004**, 19, 2080-8 32
- 1336 Effects of hypocretin2-saporin and antidopamine-beta-hydroxylase-saporin neurotoxic lesions of the dorsolateral pons on sleep and muscle tone. **2004**, 19, 2741-52 39
- 1335 Novel G-protein coupled receptor ligands and neurohypophysial hormones. **2004**, 16, 378-82 5
- 1334 The floating blueprint of hypothalamic feeding circuits. **2004**, 5, 662-7 83
- 1333 Characterisation of the binding of [3H]-SB-674042, a novel nonpeptide antagonist, to the human orexin-1 receptor. **2004**, 141, 340-6 114
- 1332 The expanding family of -RFamide peptides and their effects on feeding behaviour. **2004**, 89, 229-35 154
- 1331 Locomotor-dependent and -independent components to hypocretin-1 (orexin A) regulation in sleep-wake consolidating monkeys. **2004**, 557, 1045-53 32
- 1330 Developmental changes in CSF hypocretin-1 (orexin-A) levels in normal and genetically narcoleptic Doberman pinschers. **2004**, 560, 587-92 18
- 1329 Stereological analysis of the hypothalamic hypocretin/orexin neurons in an animal model of depression. **2004**, 38, 311-5 81
- 1328 Localization of orexin-A-like immunoreactivity in prolactin cells in the bullfrog (*Rana catesbeiana*) pituitary. **2004**, 135, 186-92 20
- 1327 Orphan G protein-coupled receptors and obesity. **2004**, 500, 243-53 32
- 1326 Cell-type specific calcium signaling by corticotropin-releasing factor type 1 (CRF1) and 2a (CRF2(a)) receptors: phospholipase C-mediated responses in human embryonic kidney 293 but not SK-N-MC neuroblastoma cells. **2004**, 68, 1833-44 34
- 1325 Increased hypocretin-1 levels in cerebrospinal fluid after REM sleep deprivation. **2004**, 995, 1-6 61
- 1324 Distribution of hypocretin (orexin) immunoreactivity in the feline pons and medulla. **2004**, 995, 205-17 53
- 1323 Specific alteration of the expression of selected hypothalamic neuropeptides during acute and late mouse brain infection using a morbillivirus: relevance to the late-onset obesity?. **2004**, 1022, 173-81 16

1322	Sleep deprivation increases the activation of nuclear factor kappa B in lateral hypothalamic cells. 2004 , 1004, 91-7	41
1321	Acute high-fat diet paradigms link galanin to triglycerides and their transport and metabolism in muscle. 2004 , 1008, 168-78	71
1320	Injection of orexin A into the diagonal band of Broca induces sympathetic and hyperthermic reactions. 2004 , 1018, 265-71	40
1319	Effects of inflammation produced by chronic lipopolysaccharide administration on the survival of hypocretin neurons and sleep. 2004 , 1019, 162-9	30
1318	The orexins: a novel family of sleep regulating neuropeptides. 2004 , 15, 75-77	1
1317	Different neuronal phenotypes in the lateral hypothalamus and their role in sleep and wakefulness. 2004 , 29, 41-59	53
1316	Functional diversity of ventral midbrain dopamine and GABAergic neurons. 2004 , 29, 243-59	58
1315	[The neurotransmitter, hypocretin. An overview]. 2004 , 75, 317-23	1
1314	Glucose hypometabolism of hypothalamus and thalamus in narcolepsy. 2004 , 56, 437-40	65
1313	Mechanism of action of voltage-gated K ⁺ channel antibodies in acquired neuromyotonia. 2004 , 56, 440-4	46
1312	Demonstration of an orexinergic central innervation of the pineal gland of the pig. 2004 , 471, 113-27	24
1311	Gene expression profile in the livers of rats orally administered ethinylestradiol for 28 days using a microarray technique. 2004 , 200, 179-92	23
1310	Dissociated histaminergic neuron cultures from the tuberomammillary nucleus of rats: culture methods and ghrelin effects. 2004 , 132, 177-84	21
1309	Novel substituted 4-phenyl-[1,3]dioxanes: potent and selective orexin receptor 2 (OX(2)R) antagonists. 2004 , 14, 4225-9	76
1308	Neuropeptide Y inhibits hypocretin/orexin neurons by multiple presynaptic and postsynaptic mechanisms: tonic depression of the hypothalamic arousal system. 2004 , 24, 8741-51	147
1307	A solid-state NMR investigation of orexin-B. 2004 , 82, 1554-1563	7
1306	Orphan G protein-coupled receptors: targets for new therapeutic interventions. 2004 , 36, 204-14	44
1305	The identification of ligands at orphan G-protein coupled receptors. 2004 , 44, 43-66	183

1304	Structure-activity studies of orexin a and orexin B at the human orexin 1 and orexin 2 receptors led to orexin 2 receptor selective and orexin 1 receptor preferring ligands. 2004 , 47, 1153-60	59
1303	Narcolepsy and other disorders of excessive sleepiness. 2004 , 88, 597-610, vii-viii	10
1302	Hypersomnias. 2004 , 1, 223-245	1
1301	Modafinil improves cognition and response inhibition in adult attention-deficit/hyperactivity disorder. 2004 , 55, 1031-40	237
1300	Ghrelin, appetite, and gastric motility: the emerging role of the stomach as an endocrine organ. 2004 , 18, 439-56	327
1299	Partial arousal deficiency in SIDS victims and noradrenergic neuronal plasticity. 2004 , 10, 185-187	1
1298	Sleep apnea in mice: a useful animal model for study of SIDS?. 2004 , 10, 253-257	4
1297	Effect of 5-HT _{1A} receptor activation on hypothalamic glucose. 2004 , 50, 359-65	9
1296	Orexigenic actions of ghrelin in goldfish: feeding-induced changes in brain and gut mRNA expression and serum levels, and responses to central and peripheral injections. 2004 , 79, 100-8	166
1295	Circuitries involved in the control of energy homeostasis and the hypothalamic-pituitary-adrenal axis activity. 2004 , 3, 269-77	18
1294	Expression of human prepro-orexin and signaling characteristics of orexin receptors in the male reproductive system. 2004 , 89, 1957-62	77
1293	Hypocretines, nutrition, sommeil normal et pathologique. 2004 , 1, 17-24	
1292	Orexins acting at native OX(1) receptor in colon cancer and neuroblastoma cells or at recombinant OX(1) receptor suppress cell growth by inducing apoptosis. 2004 , 279, 45875-86	78
1291	Hypocretinergic control of spinal cord motoneurons. 2004 , 24, 5336-45	75
1290	A review on electron microscopy and neurotransmitter systems. 2004 , 47, 5-17	52
1289	High level of orexin A observed in the phenylketonuria mouse brain is due to the abnormal expression of prepro-orexin. 2004 , 317, 522-6	10
1288	The electrophysiology of feeding circuits. 2004 , 15, 488-99	112
1287	Techniques: Cardiovascular pharmacology and drug discovery in the 21st century. 2004 , 25, 225-33	16

1286	Differential modulation of nociceptive dural input to [hypocretin] orexin A and B receptor activation in the posterior hypothalamic area. 2004 , 109, 367-378	206
1285	Functional opioid pathways are necessary for hypocretin-1 (orexin-A)-induced feeding. 2004 , 25, 307-14	44
1284	Hypothalamic control of energy balance: different peptides, different functions. 2004 , 25, 473-504	193
1283	Orexin-A (Hypocretin-1) and leptin enhance LTP in the dentate gyrus of rats in vivo. 2004 , 25, 991-6	153
1282	Ultrastructure of orexin-1 receptor immunoreactivities in the spinal cord dorsal horn. 2004 , 25, 1307-11	10
1281	Diurnal levels of Fos immunoreactivity are elevated within hypocretin neurons in lactating mice. 2004 , 25, 1927-34	11
1280	Food cravings during acute hypoglycaemia in adults with Type 1 diabetes. 2004 , 80, 675-82	36
1279	Differential effects of the selective orexin-1 receptor antagonist SB-334867 and lithium chloride on the behavioural satiety sequence in rats. 2004 , 81, 129-40	60
1278	Anabolic neuropeptides. 2004 , 81, 211-22	61
1277	Neuropeptide S: a neuropeptide promoting arousal and anxiolytic-like effects. 2004 , 43, 487-97	415
1276	Pharmacological characterisation of the orexin receptor subtype mediating postsynaptic excitation in the rat dorsal raphe nucleus. 2004 , 46, 1168-76	41
1275	Cortical spreading depression blocks the hyperthermic reaction induced by orexin A. 2004 , 123, 567-74	18
1274	Individual differences in wheel-running rhythms are related to temporal and spatial patterns of activation of orexin A and B cells in a diurnal rodent (<i>Arvicanthis niloticus</i>). 2004 , 127, 25-34	46
1273	Orexins/hypocretins cause sharp wave- and theta-related synaptic plasticity in the hippocampus via glutamatergic, gabaergic, noradrenergic, and cholinergic signaling. 2004 , 127, 519-28	86
1272	Increased hypocretin-1 (orexin-a) levels in cerebrospinal fluid of rats after short-term forced activity. 2004 , 117, 155-8	75
1271	Centrally administered orexin-A activates corticotropin-releasing factor-containing neurons in the hypothalamic paraventricular nucleus and central amygdaloid nucleus of rats: possible involvement of central orexins on stress-activated central CRF neurons. 2004 , 118, 183-91	129
1270	Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor. 2004 , 119, 113-24	25
1269	Pharmacokinetic profile of orexin A and effects on plasma insulin and glucagon in the rat. 2004 , 119, 209-12	30

1268	Comparison of hypocretin/orexin and melanin-concentrating hormone neurons and axonal projections in the embryonic and postnatal rat brain. 2004 , 27, 165-81	50
1267	Prepro-orexin mRNA expression in the rat brain is increased during pregnancy. 2004 , 368, 73-7	18
1266	Lateral hypothalamic acetylcholinesterase-immunoreactive neurons co-express either orexin or melanin concentrating hormone. 2004 , 370, 123-6	15
1265	[Narcolepsy, from Westphal to hypocretin]. 2004 , 33, 1593-600	
1264	Physiological properties of hypothalamic MCH neurons identified with selective expression of reporter gene after recombinant virus infection. 2004 , 42, 635-52	189
1263	Sleep, sleep disorders and hypocretin (orexin). 2004 , 5 Suppl 1, S2-8	75
1262	Peripheral and central signals in the control of eating in normal, obese and binge-eating human subjects. 2004 , 92 Suppl 1, S47-57	95
1261	Neuropeptides in hypothalamic neuronal disorders. 2004 , 240, 305-75	54
1260	The effect of age on prepro-orexin gene expression and contents of orexin A and B in the rat brain. 2004 , 25, 231-8	56
1259	Lesions of the suprachiasmatic nucleus eliminate the daily rhythm of hypocretin-1 release. 2004 , 27, 619-27	115
1258	β -Adrenergic Receptor Agonists and Other Potential Anti-obesity Agents. 2004 , 68, 69	0
1257	Leptin resistance and enhancement of feeding facilitation by melanin-concentrating hormone in mice lacking bombesin receptor subtype-3. 2004 , 53, 570-6	27
1256	Hypersomnias. 2004 , 1, 1-15	1
1255	References. 2004 , 399-578	
1254	Narcolepsie. 2004 , 1, 1-7	
1253	FOS expression in orexin neurons following muscimol perfusion of preoptic area. 2004 , 15, 1127-31	13
1252	Orexin A suppresses in vivo GH secretion. 2004 , 150, 731-6	39
1251	Solution structure of human orexin-A: regulator of appetite and wakefulness. 2004 , 37, 565-73	18

1250	BacMam Recombinant Baculoviruses in G Protein-Coupled Receptor Drug Discovery. 2004 , 10, 99-107	9
1249	Hypocretin/orexin peptide signaling in the ascending arousal system: elevation of intracellular calcium in the mouse dorsal raphe and laterodorsal tegmentum. 2004 , 92, 221-35	84
1248	Pulsatile LH release is diminished, whereas FSH secretion is normal, in hypocretin-deficient narcoleptic men. 2004 , 287, E630-6	43
1247	Orexin A (hypocretin 1) injected into hypothalamic paraventricular nucleus and spontaneous physical activity in rats. 2004 , 286, E551-9	115
1246	Hypothalamus-brain stem circuitry responsible for vagal efferent signaling to the pancreas evoked by hypoglycemia in rat. 2004 , 91, 1734-47	44
1245	Short-term resistance to diet-induced obesity in A/J mice is not associated with regulation of hypothalamic neuropeptides. 2004 , 287, E662-70	20
1244	The regulation of feeding: a cross talk between peripheral and central signalling. 2005 , 18, 201-12	22
1243	Hypothalamic orexin-a projections to midline thalamic nuclei in the rat. 2005 , 9, 145-152	2
1242	Low plasma orexin-A levels were improved by continuous positive airway pressure treatment in patients with severe obstructive sleep apnea-hypopnea syndrome. 2005 , 127, 731-7	51
1241	ENERGY PROCESSES UNDERLYING THE SLEEP/WAKE CYCLE. 2005 , 3-21	2
1240	Steroid Hormones, their receptors and neuroendocrine system. 2005 , 72, 316-25	47
1239	Molecular Genetic Advances in Sleep Research and Their Relevance to Sleep Medicine. 2005 ,	
1238	Signaling pathways of hypocretin-1 actions on pyramidal neurons in the rat prefrontal cortex. 2005 , 16, 1529-33	13
1237	Shared genetic risk factors for obstructive sleep apnea and obesity. 2005 , 99, 1600-6	55
1236	Distribution and Neuronal Networks of Novel GPCR Ligands in Feeding Regulation. 2005 , 38, 189-198	
1235	[Stress-induced gene expression in the hypothalamus]. 2005 , 126, 179-83	1
1234	Direct excitation of hypocretin/orexin cells by extracellular ATP at P2X receptors. 2005 , 94, 2195-206	56
1233	Persistent pain and stress activate pain-inhibitory orexin pathways. 2005 , 16, 5-8	118

1232	Mechanisms of orexin A-evoked changes of intracellular calcium in primary cultured cortical neurons. 2005 , 16, 783-6	10
1231	The biology of obesity. 2005 , 64, 31-8	68
1230	The Ne System as a Target for Hypocretin Neurons. 2005 , 137-152	
1229	Chapter 13 Narcolepsy. 2005 , 6, 155-177	0
1228	Dopamine-Hypocretin/Orexin Interactions. 2005 , 339-351	1
1227	Narcolepsy and Syndromes of Central Nervous System Mediated Sleepiness. 2005 , 3, 585-597	1
1226	The sustainability of interactions between the orexin-1 receptor and beta-arrestin-2 is defined by a single C-terminal cluster of hydroxy amino acids and modulates the kinetics of ERK MAPK regulation. 2005 , 387, 573-84	63
1225	In Vivo Pharmacology of Orexin (Hypocretin) Receptors. 2005 , 205-220	2
1224	Central Regulation of Feeding. 2005 ,	
1223	Orexin a stimulates hypothalamic-pituitary-adrenal (HPA) axis function, but not food intake, in the absence of full hypothalamic NPY-ergic activity. 2005 , 26, 99-106	27
1222	Stress and arousal: the corticotrophin-releasing factor/hypocretin circuitry. 2005 , 32, 285-94	101
1221	Ventricular cerebrospinal fluid hypocretin-1 inversely correlates with glucose levels in cerebrospinal fluid and serum from patients with neurological injuries. 2005 , 3, 230-3	6
1220	Complex effects of stromal cell-derived factor-1 alpha on melanin-concentrating hormone neuron excitability. 2005 , 21, 701-10	52
1219	Dopaminergic regulation of orexin neurons. 2005 , 21, 2993-3001	74
1218	Hyperthermic reactions induced by orexin A: role of the ventromedial hypothalamus. 2005 , 22, 1169-75	40
1217	Orexin, drugs and motivated behaviors. 2005 , 8, 1286-8	40
1216	The hardship of obesity: a soft-wired hypothalamus. 2005 , 8, 561-5	198
1215	Body weight is regulated by the brain: a link between feeding and emotion. 2005 , 10, 132-46	138

1214	A role for lateral hypothalamic orexin neurons in reward seeking. 2005 , 437, 556-9	1007
1213	Hypothalamic regulation of sleep and circadian rhythms. 2005 , 437, 1257-63	1864
1212	The hypocretins and sleep. 2005 , 272, 5675-88	79
1211	How palatable food disrupts appetite regulation. 2005 , 97, 61-73	219
1210	Expression of feeding-related peptide receptors mRNA in GT1-7 cell line and roles of leptin and orexins in control of GnRH secretion. 2005 , 26, 976-81	21
1209	Differential sensitivity of GABAergic and glycinergic inputs to orexin-A in preganglionic cardiac vagal neurons of newborn rats. 2005 , 26, 1442-7	4
1208	Two ligands for a GPCR, proton vs lysolipid. 2005 , 26, 1435-41	27
1207	Orexin A promotes histamine, but not norepinephrine or serotonin, release in frontal cortex of mice. 2005 , 26, 155-9	21
1206	Structure, distribution and physiological functions of ghrelin in fish. 2005 , 140, 396-408	97
1205	Distribution of orexin/hypocretin immunoreactivity in the nervous system of the green Treefrog, <i>Hyla cinerea</i> . 2005 , 1041, 231-6	28
1204	Orexin-A (hypocretin-1) is possibly involved in generation of anxiety-like behavior. 2005 , 1044, 116-21	120
1203	Spinal orexin-1 receptors mediate anti-hyperalgesic effects of intrathecally-administered orexins in diabetic neuropathic pain model rats. 2005 , 1044, 76-86	60
1202	Mode of leptin action in chicken hypothalamus. 2005 , 1047, 214-23	57
1201	Selective stimulation of orexin receptor type 2 promotes wakefulness in freely behaving rats. 2005 , 1048, 138-45	67
1200	Orexin A in the nucleus accumbens stimulates feeding and locomotor activity. 2005 , 1050, 156-62	143
1199	Localization of orexin-A-immunoreactive fibers in the mesencephalic trigeminal nucleus of the rat. 2005 , 1054, 82-7	20
1198	Retrograde study of hypocretin-1 (orexin-A) projections to subdivisions of the dorsal raphe nucleus in the rat. 2005 , 1059, 35-45	50
1197	Orexin (hypocretin) innervation of the paraventricular nucleus of the thalamus. 2005 , 1059, 179-88	130

1196	NMDA receptors mediate feeding elicited by neuropeptide Y in the lateral and perifornical hypothalamus. 2005 , 1063, 1-8	26
1195	Hypocretins (orexins) and sleep-wake disorders. 2005 , 4, 673-82	121
1194	Metabolic state signalling through central hypocretin/orexin neurons. 2005 , 9, 795-803	43
1193	Cross genome phylogenetic analysis of human and Drosophila G protein-coupled receptors: application to functional annotation of orphan receptors. 2005 , 6, 106	46
1192	Retrograde double-labeling study of common afferent projections to the dorsal raphe and the nuclear core of the locus coeruleus in the rat. 2005 , 481, 179-93	76
1191	Organization of hypocretin/orexin efferents to locus coeruleus and basal forebrain arousal-related structures. 2005 , 481, 160-78	127
1190	Orexin-A projections to the caudal medulla and orexin-induced c-Fos expression, food intake, and autonomic function. 2005 , 485, 127-42	114
1189	Differential distribution of hypocretin (orexin) and melanin-concentrating hormone in the goldfish brain. 2005 , 488, 476-91	83
1188	Water deprivation increases the expression of neuronal nitric oxide synthase (nNOS) but not orexin-A in the lateral hypothalamic area of the rat. 2005 , 490, 180-93	13
1187	Unitary hypothesis for multiple triggers of the pain and strain of migraine. 2005 , 493, 9-14	160
1186	Postsynaptic excitation of prefrontal cortical pyramidal neurons by hypocretin-1/orexin A through the inhibition of potassium currents. 2005 , 82, 729-36	36
1185	Centrally administered orexin A increases motivation for sweet pellets in rats. 2005 , 182, 75-83	79
1184	Expression pattern of the orphan receptor LGR4/GPR48 gene in the mouse. 2005 , 124, 35-50	65
1183	Orexin inputs to caudal raphe neurons involved in thermal, cardiovascular, and gastrointestinal regulation. 2005 , 123, 147-56	99
1182	Role of neuropeptide Y and proopiomelanocortin in fluoxetine-induced anorexia. 2005 , 28, 716-21	16
1181	Multi-transcriptional profiling of melanin-concentrating hormone and orexin-containing neurons. 2005 , 25, 1209-23	80
1180	Regulation of Energy Balance in Birds by the Neuroendocrine Hypothalamus. 2005 , 42, 161-181	52
1179	Intracellular Signal Pathways Utilized by the Hypocretin/Orexin Receptors. 2005 , 221-231	11

1178	The Hypocretins in Cardiovascular Regulation. 2005 , 425-435	
1177	The Hypocretins/Orexins and the Hypothalamo-Pituitary-Adrenal Axis. 2005 , 371-383	
1176	[Sleep-wake cycle mechanisms]. 2005 , 27 Suppl 1, 33-9	18
1175	History of the Development of Sleep Medicine in the United States. 2005 , 01, 61-82	63
1174	Control of Food Intake. 2005 , 171, 1-20	
1173	The Discovery of the Hypocretins. 2005 , 3-11	
1172	Orexins (Hypocretins) in the Gut. 2005 , 385-393	
1171	Individual differences in rhythms of behavioral sleep and its neural substrates in Nile grass rats. 2005 , 20, 526-37	26
1170	Hormonal responses to fasting and refeeding in chronic renal failure patients. 2005 , 288, E47-55	13
1169	F-DIO obesity-prone rat is insulin resistant before obesity onset. 2005 , 289, R704-11	46
1168	Altered setting of the pituitary-thyroid ensemble in hypocretin-deficient narcoleptic men. 2005 , 288, E892-9	28
1167	Ghrelin is an orexigenic and metabolic signaling peptide in the arcuate and paraventricular nuclei. 2005 , 289, R353-R358	92
1166	Diminished feeding responsiveness to orexin A (hypocretin 1) in aged rats is accompanied by decreased neuronal activation. 2005 , 289, R359-R366	20
1165	Discovery of novel regulatory peptides by reverse pharmacology: spotlight on chemerin and the RF-amide peptides metastin and QRFP. 2005 , 6, 265-78	19
1164	Sensory-Motor Integration in the Medial Medulla. 2005 , 3, 115-143	4
1163	The brain-adipose axis: a review of involvement of molecules. 2005 , 8, 7-20	26
1162	Hypothalamic neuropeptide expression following chronic food restriction in sedentary and wheel-running rats. 2005 , 35, 381-90	87
1161	The G Protein-Coupled Receptors Handbook. 2005 ,	3

1160	Neuroanatomical pathways for thyroid hormone feedback in the human hypothalamus. 2005 , 90, 4322-34	115
1159	Sequential phosphorylation mediates receptor- and kinase-induced inhibition of TREK-1 background potassium channels. 2005 , 280, 30175-84	118
1158	Hypocretin-1 (orexin-A) facilitates inhibitory and diminishes excitatory synaptic pathways to cardiac vagal neurons in the nucleus ambiguus. 2005 , 314, 1322-7	36
1157	The wake-promoting hypocretin/orexin neurons change their response to noradrenaline after sleep deprivation. 2005 , 25, 4127-30	58
1156	Sleepless in America: a pathway to obesity and the metabolic syndrome?. 2005 , 165, 15-6	71
1155	Orexin-A-induced Ca ²⁺ entry: evidence for involvement of trpc channels and protein kinase C regulation. 2005 , 280, 1771-81	60
1154	Preproorexin and orexin receptors are expressed in cortisol-secreting adrenocortical adenomas, and orexins stimulate in vitro cortisol secretion and growth of tumor cells. 2005 , 90, 3544-9	49
1153	Inhibitory effect of exogenous orexin a on gastric emptying, plasma leptin, and the distribution of orexin and orexin receptors in the gut and pancreas in man. 2005 , 90, 2370-7	78
1152	G-protein-coupled receptor deorphanizations. 2005 , 65, 179-209	6
1151	Immunolocalization of orexin-1 receptor the pancreas of normal and diabetic rats. 2005 , 19, 347-379	4
1150	Pattern of orexin expression and direct biological actions of orexin-a in rat testis. 2005 , 146, 5164-75	65
1149	Orexin expression and function: glucocorticoid manipulation, stress, and feeding studies. 2005 , 146, 3724-31	29
1148	Dual regulatory effects of orexins on sympathetic nerve activity innervating brown adipose tissue in rats. 2005 , 146, 2744-8	44
1147	NEUROTRANSMITTERS, NEUROMODULATORS, AND SLEEP. 2005 , 45-75	1
1146	Glucose-sensing neurons of the hypothalamus. 2005 , 360, 2227-35	199
1145	Cholecystinin activates orexin/hypocretin neurons through the cholecystinin A receptor. 2005 , 25, 7459-69	122
1144	Anatomy of the Hypocretin System. 2005 , 61-75	2
1143	The Orexin/Hypocretin System. 2005 ,	4

1142	Food deprivation differentially modulates orexin receptor expression and signaling in rat hypothalamus and adrenal cortex. 2005 , 288, E1089-100	83
1141	The wake-promoting peptide orexin-B inhibits glutamatergic transmission to dorsal raphe nucleus serotonin neurons through retrograde endocannabinoid signaling. 2005 , 25, 896-905	121
1140	Orexin 1 receptor activation attenuates neurogenic dural vasodilation in an animal model of trigeminovascular nociception. 2005 , 315, 1380-5	101
1139	Orexin and Orexin Receptors. 2005 , 13-23	5
1138	The emerging roles of leptin and ghrelin in cardiovascular physiology and pathophysiology. 2005 , 3, 169-80	46
1137	Differences in the appetite-stimulating effect of orexin, neuropeptide Y and ghrelin among young, adult and old rats. 2005 , 82, 256-63	30
1136	Role for hypocretin in mediating stress-induced reinstatement of cocaine-seeking behavior. 2005 , 102, 19168-73	422
1135	OX1 orexin receptors couple to adenylyl cyclase regulation via multiple mechanisms. 2005 , 280, 6570-9	96
1134	Orexin loss in Huntington's disease. 2005 , 14, 39-47	222
1133	Neuropeptide S and its receptor: a newly deorphanized G protein-coupled receptor system. 2005 , 11, 532-8	41
1132	Sleep and aging: molecular approaches within a systems neurobiology context. 2005 , 17, 165-191	
1131	Orexins modulate the growth of cultured rat adrenocortical cells, acting through type 1 and type 2 receptors coupled to the MAPK p42/p44- and p38-dependent cascades. 2005 , 15, 847	
1130	Evidence that orexins A and B stimulate insulin secretion from rat pancreatic islets via both receptor subtypes. 2005 , 15, 969	2
1129	Histaminergic neurons are involved in the orexigenic effect of orexin-A. 2005 , 82, 70-7	20
1128	The duodenal mucosal bicarbonate secretion. 2005 , 110, 115-49	7
1127	Cerebral perfusion abnormality in narcolepsy with cataplexy. 2005 , 28, 410-6	71
1126	State-dependent effects of orexins on the serotonergic dorsal raphe neurons in the rat. 2005 , 126, 43-7	38
1125	Narcolepsy and disorders of excessive somnolence. 2005 , 32, 389-413	13

1124	Ghrelin: structure and function. 2005 , 85, 495-522	1246
1123	Gastroduodenal mucus bicarbonate barrier: protection against acid and pepsin. 2005 , 288, C1-19	432
1122	Sleep-wake and other biological rhythms: functional neuroanatomy. 2005 , 24, 205-35, vii	13
1121	The neurology of sleep. 2005 , 23, 967-89, v	8
1120	Neurohormonal pathways regulating food intake and changes after Roux-en-Y gastric bypass. 2005 , 1, 486-95	10
1119	Gut peptide hormones: importance for food intake. 2005 , 40, 250-8	7
1118	Analgesic Effects of Orexins. 2005 , 1, 47-53	
1117	The G protein-coupled receptors: pharmacogenetics and disease. 2005 , 42, 311-92	71
1116	Orexin stimulates breathing via medullary and spinal pathways. 2005 , 98, 1387-95	118
1115	Hormonal regulation of food intake. 2005 , 85, 1131-58	267
1114	Current knowledge in the neurophysiologic modulation of obesity. 2005 , 54, 1202-17	12
1113	Opposite effects of sleep rebound on orexin OX1 and OX2 receptor expression in rat brain. 2005 , 136, 148-57	17
1112	Age-related ultrastructural changes in hypocretineric terminals in the brainstem and spinal cord of cats. 2005 , 373, 171-4	12
1111	A selective orexin-1 receptor antagonist, SB334867, blocks 2-DG-induced gastric acid secretion in rats. 2005 , 376, 137-42	32
1110	Difference in obesity phenotype between orexin-knockout mice and orexin neuron-deficient mice with same genetic background and environmental conditions. 2005 , 380, 239-42	160
1109	Caloric restriction and physical activity in zebrafish (<i>Danio rerio</i>). 2005 , 383, 99-104	96
1108	Respiratory and cardiovascular actions of orexin-A in mice. 2005 , 385, 131-6	81
1107	Comparison of melanin-concentrating hormone and hypocretin/orexin mRNA expression patterns in a new parceling scheme of the lateral hypothalamic zone. 2005 , 387, 80-4	130

1106	Orexins cause depolarization via nonselective cationic and K ⁺ channels in isolated locus coeruleus neurons. 2005 , 51, 55-65	53
1105	Neuronal distribution of melanin-concentrating hormone, cocaine- and amphetamine-regulated transcript and orexin B in the brain of the Djungarian hamster (<i>Phodopus sungorus</i>). 2005 , 29, 137-48	31
1104	Cerebrospinal fluid orexin in aneurysmal subarachnoid haemorrhage - a pilot study. 2005 , 12, 758-62	8
1103	Orexins stimulate glucocorticoid secretion from cultured rat and human adrenocortical cells, exclusively acting via the OX1 receptor. 2005 , 96, 423-9	41
1102	Molecular mechanisms of the neural melanocortin receptor dysfunction in severe early onset obesity. 2005 , 239, 1-14	151
1101	Anorexia and weight loss in male rats 24 h following single dose treatment with orexin-1 receptor antagonist SB-334867. 2005 , 157, 331-41	52
1100	Specific activation of histaminergic neurons during daily feeding anticipatory behavior in rats. 2005 , 158, 311-9	41
1099	Satiety enhancement by selective orexin-1 receptor antagonist SB-334867: influence of test context and profile comparison with CCK-8S. 2005 , 160, 11-24	32
1098	Peptide S is a novel potent inhibitor of voluntary and fast-induced food intake in rats. 2005 , 332, 859-65	88
1097	CSF markers in sleep neurobiology. 2005 , 362, 12-25	2
1096	Input organization and plasticity of hypocretin neurons: possible clues to obesity's association with insomnia. 2005 , 1, 279-86	161
1095	Orexin-B modulates luteinizing hormone and growth hormone secretion from porcine pituitary cells in culture. 2005 , 28, 331-7	27
1094	Regulatory roles of leptin in reproduction and metabolism: a comparative review. 2005 , 29, 166-85	143
1093	Circadian regulation of sleep in mammals: role of the suprachiasmatic nucleus. 2005 , 49, 429-54	228
1092	Neurogenesis in the ependymal layer of the adult rat 3rd ventricle. 2005 , 192, 251-64	245
1091	Enhanced antinociception by intracerebroventricularly administered orexin A in histamine H1 or H2 receptor gene knockout mice. 2005 , 118, 254-62	38
1090	Effects of orexins/hypocretins on neuronal activity in the paraventricular nucleus of the thalamus in rats in vitro. 2005 , 26, 471-81	82
1089	Effect of CCK-8 on insulin-induced hyperphagia and hypothalamic orexigenic neuropeptide expression in the rat. 2005 , 26, 437-45	8

1088	Agouti-related protein: more than a melanocortin-4 receptor antagonist?. 2005 , 26, 1759-70	24
1087	Orexin-A-induced feeding is dependent on nitric oxide. 2005 , 26, 759-65	45
1086	Enhanced antinociception by intracerebroventricularly and intrathecally-administered orexin A and B (hypocretin-1 and -2) in mice. 2005 , 26, 767-77	83
1085	Effect of a selective OX1R antagonist on food intake and body weight in two strains of rats that differ in susceptibility to dietary-induced obesity. 2005 , 26, 2331-8	43
1084	CSF hypocretin-1/orexin-A concentrations in patients with subarachnoid hemorrhage (SAH). 2005 , 26, 2339-43	16
1083	Immunohistochemical localization of orexin-B, orexin-1 receptor, ghrelin, GHS-R in the lacrimal gland of normal and diabetic rats. 2005 , 26, 2585-9	7
1082	Effects of various mu- and delta-opioid ligands on food intake in the meat-type chick. 2005 , 85, 519-23	35
1081	Signals that influence food intake and body weight. 2005 , 86, 709-16	100
1080	Non-sleep effects of hypocretin/orexin. 2005 , 9, 243-52	54
1079	Roles of orexin/hypocretin in regulation of sleep/wakefulness and energy homeostasis. 2005 , 9, 231-41	214
1078	Hypocretins (orexins): clinical impact of the discovery of a neurotransmitter. 2005 , 9, 253-68	44
1077	Symptomatic narcolepsy, cataplexy and hypersomnia, and their implications in the hypothalamic hypocretin/orexin system. 2005 , 9, 269-310	273
1076	Hypocretin/orexin: maintenance of wakefulness and a multiplicity of other roles. 2005 , 9, 227-30	20
1075	Input of orexin/hypocretin neurons revealed by a genetically encoded tracer in mice. 2005 , 46, 297-308	389
1074	Behavioral correlates of activity in identified hypocretin/orexin neurons. 2005 , 46, 787-98	683
1073	Hypocretins: waking, arousal, or action?. 2005 , 46, 696-8	23
1072	Integration of endocannabinoid and leptin signaling in an appetite-related neural circuit. 2005 , 48, 1055-66	190
1071	Stimulation of cortical acetylcholine release by orexin A. 2005 , 130, 541-7	69

1070	Functional mapping of the prosencephalic systems involved in organizing predatory behavior in rats. 2005 , 130, 1055-67	47
1069	Influence of feeding status on neuronal activity in the hypothalamus during lipopolysaccharide-induced anorexia in rats. 2005 , 134, 933-46	48
1068	Activation of lateral hypothalamic neurons stimulates brown adipose tissue thermogenesis. 2005 , 135, 627-38	71
1067	Expression of orexin receptors in the brain and peripheral tissues of the male sheep. 2005 , 124, 81-7	62
1066	Food intake in rhesus monkeys following central administration of orexins. 2005 , 124, 209-14	9
1065	Reverse pharmacology of orexin: from an orphan GPCR to integrative physiology. 2005 , 126, 3-10	40
1064	Electron microscopy examination of galanin-like peptide (GALP)-containing neurons in the rat hypothalamus. 2005 , 126, 73-8	8
1063	The orexinergic synaptic innervation of serotonin- and orexin 1-receptor-containing neurons in the dorsal raphe nucleus. 2005 , 126, 35-42	39
1062	Orexin-1 receptor expression after global ischemia in mice. 2005 , 126, 49-54	37
1061	Neuronal interactions between galanin-like-peptide- and orexin- or melanin-concentrating hormone-containing neurons. 2005 , 126, 79-83	34
1060	Orexin A effects on the olfactory bulb spontaneous activity and odor responsiveness in freely breathing rats. 2005 , 129, 49-61	44
1059	Characterization of orexin A immunoreactivity in the rat area postrema. 2005 , 129, 17-23	8
1058	Apelin, orexin-A and leptin plasma levels in morbid obesity and effect of gastric banding. 2005 , 130, 7-13	175
1057	Stimulatory effect of endogenous orexin A on gastric emptying and acid secretion independent of gastrin. 2005 , 132, 9-16	35
1056	Neuropeptide-processing enzymes: applications for drug discovery. 2005 , 7, E449-55	85
1055	Association of an orexin 1 receptor 408Val variant with polydipsia-hyponatremia in schizophrenic subjects. 2005 , 58, 401-7	31
1054	Hormonal mediation of energy homeostasis in obesity, diabetes and related disorders. 2005 , 2, 321-326	2
1053	Unraveling neuronal circuitry regulating energy homeostasis: Plasticity in feeding circuits. 2005 , 2, 191-196	2

1052	Chapter I The organization and circuits of mesencephalic dopaminergic neurons and the distribution of dopamine receptors in the brain. 2005 , 1-107	36
1051	Bioinformatics and Drug Discovery. 2006 ,	1
1050	The Epididymis. 2006 , 1071-1148	109
1049	Gastrointestinal Peptide Hormones Regulating Energy and Glucose Homeostasis. 2006 , 161-181	1
1048	Neuromodulators: Sections 4.1 & 4.18. 143-254	
1047	Narcolepsy and the hypocretin system--where motion meets emotion. 2006 , 2, 548-56	60
1046	Direct involvement of orexinergic systems in the activation of the mesolimbic dopamine pathway and related behaviors induced by morphine. 2006 , 26, 398-405	426
1045	Antagonists of the orexin receptors. 2006 , 16, 631-646	9
1044	Hypocretin Status in Neurological Disorders in Relation to Excessive Sleepiness and Cataplexy. 2006 , 287-316	0
1043	Hypocretin/Orexin Replacement Therapy in Hypocretin/Orexin-Deficient Narcolepsy. 2006 , 367-388	
1042	Molecular genetics and treatment of narcolepsy. 2006 , 38, 252-62	34
1041	Genomewide association analysis of human narcolepsy and a new resistance gene. 2006 , 79, 252-63	57
1040	Adrenal expression of orexin receptor subtypes is differentially regulated in experimental streptozotocin induced type-1 diabetes. 2006 , 27, 2764-9	10
1039	Narcolepsy. 2006 , 1, 47-61	2
1038	Role of obesity, insulin resistance, and steatosis in hepatitis C virus infection. 2006 , 10, 793-819	14
1037	Structure-brain exposure relationships. 2006 , 49, 7559-83	466
1036	Cellular and molecular biology of orphan G protein-coupled receptors. 2006 , 252, 163-218	42
1035	Metabolic mechanism of wakefulness (and hunger) and sleep (and satiety): Role of adenosine triphosphate and hypocretin and other peptides. 2006 , 55, S24-9	36

1034	Sleep and energy balance: Interactive homeostatic systems. 2006 , 55, S30-5	58
1033	Narcolepsy and the hypocretins. 2006 , 55, S36-9	20
1032	The 5-HT _{2C} receptor and antipsychotic-induced weight gain - mechanisms and genetics. 2006 , 20, 15-8	123
1031	Staying awake for dinner: hypothalamic integration of sleep, feeding, and circadian rhythms. 2006 , 153, 243-52	133
1030	To be or NUCB2, is nesfatin the answer?. 2006 , 4, 421-2	24
1029	Multiple components of the defense response depend on orexin: evidence from orexin knockout mice and orexin neuron-ablated mice. 2006 , 126-127, 139-45	46
1028	Expression pattern of FOS in orexin neurons during sleep induced by an adenosine A _{2A} receptor agonist. 2006 , 170, 277-86	21
1027	Functional inactivation of orexin 1 receptors in CA1 region impairs acquisition, consolidation and retrieval in Morris water maze task. 2006 , 173, 47-52	94
1026	Involvement of specific orexigenic neuropeptides in sweetener-induced overconsumption in rats. 2006 , 175, 241-8	69
1025	Hypothalamic orexigenic peptides are overexpressed in young Long-Evans rats after early life exposure to fat-rich diets. 2006 , 342, 452-8	34
1024	G protein-coupled receptor 30 is an estrogen receptor in the plasma membrane. 2006 , 346, 904-10	274
1023	The melanocortins and melanin-concentrating hormone in the central regulation of feeding behavior and energy homeostasis. 2006 , 329, 623-38; discussion 653-5	96
1022	Functional neuroanatomy of thyroid hormone feedback in the human hypothalamus and pituitary gland. 2006 , 251, 1-8	65
1021	Distribution of orexin/hypocretin immunoreactivity in the brain of a male songbird, the house finch, <i>Carpodacus mexicanus</i> . 2006 , 32, 81-9	21
1020	Postnatal development of orexin-A and orexin-B like immunoreactivities in the Eastern grey kangaroo (<i>Macropus giganteus</i>) hypothalamus. 2006 , 392, 124-8	9
1019	Modulatory effects of hypocretin-1/orexin-A with glutamate and gamma-aminobutyric acid on freshly isolated pyramidal neurons from the rat prefrontal cortex. 2006 , 399, 101-5	21
1018	Survival rates through time of hypocretin grafted neurons within their projection site. 2006 , 404, 93-7	23
1017	Neuropeptide-Y Y ₂ -receptor agonist, PYY ₃₋₃₆ promotes non-rapid eye movement sleep in rat. 2006 , 54, 165-70	15

1016	Fasting-induced reduction in locomotor activity and reduced response of orexin neurons in carnitine-deficient mice. 2006 , 55, 78-86	23
1015	Orexin-A microinjection mediated food and water intake are antagonized by selective orexin-1 receptor antagonist in the bed nucleus of stria terminalis. 2006 , 1291, 141-144	4
1014	Effect of intraperitoneal CCK-8 on food intake and brain orexin-A after 48 h of fasting in the rat. 2006 , 133, 139-46	16
1013	Habituation of insulin-induced hypoglycemic transcription activation of lateral hypothalamic orexin-A-containing neurons to recurring exposure. 2006 , 135, 1-6	21
1012	CNS determinants of sleep-related worsening of airway functions: implications for nocturnal asthma. 2006 , 151, 1-30	10
1011	Kleine-Levin syndrome in a 14-year-old girl: CSF hypocretin-1 measurements. 2006 , 7, 649-51	30
1010	Expression of orexin-A and orexin receptors in the kidney and the presence of orexin-A-like immunoreactivity in human urine. 2006 , 27, 871-7	15
1009	Sex difference in body weight gain and leptin signaling in hypocretin/orexin deficient mouse models. 2006 , 27, 2326-31	41
1008	Integration of feeding and spontaneous physical activity: role for orexin. 2006 , 88, 294-301	74
1007	Orexin A in the VTA is critical for the induction of synaptic plasticity and behavioral sensitization to cocaine. 2006 , 49, 589-601	584
1006	Tandem-pore K ⁺ channels mediate inhibition of orexin neurons by glucose. 2006 , 50, 711-22	235
1005	Thoughts for food: brain mechanisms and peripheral energy balance. 2006 , 51, 691-702	88
1004	GABA(A) receptors mediate orexin-A induced stimulation of food intake. 2006 , 50, 16-24	30
1003	Modulation of thalamic neuron excitability by orexins. 2006 , 51, 414-25	47
1002	Orexin A affects ascending contraction depending on downstream cholinergic neurons and descending relaxation through independent pathways in mouse jejunum. 2006 , 51, 466-73	6
1001	Neuronal mechanisms of active (rapid eye movement) sleep induced by microinjections of hypocretin into the nucleus pontis oralis of the cat. 2006 , 140, 335-42	11
1000	Differential effect of orexins (hypocretins) on serotonin release in the dorsal and median raphe nuclei of freely behaving rats. 2006 , 141, 1101-5	61
999	Orexin A mediation of time spent moving in rats: neural mechanisms. 2006 , 142, 29-36	83

998	Excitatory action of hypocretin/orexin on neurons of the central medial amygdala. 2006 , 142, 999-1004	86
997	Arousal and reward: a dichotomy in orexin function. 2006 , 29, 571-7	474
996	The neurobiology of hypocretins (orexins), narcolepsy and related therapeutic interventions. 2006 , 27, 368-74	113
995	Neuroendocrine Control of the Ovarian Cycle of the Rat. 2006 , 2327-2388	40
994	Orexins and the Autonomic Nervous System. 2006 , 107-117	
993	Neuroendocrine Role of the Orexins (Hypocretins). 2006 , 119-130	
992	Hypocretin/Orexin Tonus and Vigilance Control. 2006 , 155-173	1
991	Neuroendocrinology of Human Narcolepsy. 2006 , 329-339	
990	Pharmacology of Hypocretin/Orexin Peptides and Small Molecules. 2006 , 349-357	
989	Afferent System of Orexin Neurons. 2006 , 61-70	2
988	Neuronal Responses to Hypocretin/Orexin. 2006 , 45-60	2
987	Rodent Models of Human Narcolepsy-Cataplexy. 2006 , 255-266	1
986	Hypocretin Measures in Psychiatric Disorders. 2006 , 317-327	
985	Strategies for the Design of pGPCR-targeted Libraries. 2006 , 137-164	4
984	[Hypocretins: between desire and needs... toward the understanding of a new hypothalamic brain pathway involved in motivation and addiction]. 2006 , 22, 573-5	3
983	Lack of ghrelin secretion in response to fasting in cholecystokinin-A (-1), -B (-2) receptor-deficient mice. 2006 , 56, 441-7	9
982	[Feeding regulatory peptides: hopes and limits for the treatment of obesities]. 2006 , 200, 7-16	1
981	History and Overview of Orexin/Hypocretin Research. 2006 , 3-10	

980	Prefrontal cortex-projecting glutamatergic thalamic paraventricular nucleus-excited by hypocretin: a feedforward circuit that may enhance cognitive arousal. 2006 , 95, 1656-68	120
979	. 2006 ,	5
978	Sleep Circuitry and the Hypnotic Mechanism of GABAA Drugs. 2006 , 02,	37
977	Emerging Concepts in GPCR Research and Their Implications for Drug Discovery. 2006 ,	
976	Animal models for sleep disorders. 504-543	
975	The Orexin/Hypocretin System and Stress and Emotion. 2006 , 131-140	
974	The Influence of Orexin on Sleep and Wakefulness. 2006 , 221-240	
973	Orexin System and Feeding Behavior. 2006 , 99-106	
972	Gut-brain communication: how does it stand after bariatric surgery?. 2006 , 9, 629-36	8
971	The hypothalamus and obesity. 2006 , 1, 305-14	24
970	Rescue of Narcoleptic Orexin Neuron-Ablated Mice by Ectopic Overexpression of Orexin Peptides. 2006 , 359-366	1
969	Orexins increase cortical acetylcholine release and electroencephalographic activation through orexin-1 receptor in the rat basal forebrain during isoflurane anesthesia. 2006 , 104, 1023-32	58
968	Orexin neurons are directly and indirectly regulated by catecholamines in a complex manner. 2006 , 96, 284-98	101
967	[Orexin nervous system and narcolepsy]. 2006 , 95, 748-55	1
966	[Finding a novel target for depression through the orphan receptor strategy]. 2006 , 127, 190-5	
965	Ligand profiling and identification technology for searching bioactive ligands. 2006 , 6, 1741-9	1
964	Structural properties of orexins for activation of their receptors. 2006 , 12, 258-66	20
963	Orexin-A is composed of a highly conserved C-terminal and a specific, hydrophilic N-terminal region, revealing the structural basis of specific recognition by the orexin-1 receptor. 2006 , 12, 443-54	22

962	The paraventricular nucleus of the thalamus as an interface between the orexin and CART peptides and the shell of the nucleus accumbens. 2006 , 59, 480-90	76
961	Effects of arousal- and feeding-related neuropeptides on dopaminergic and GABAergic neurons in the ventral tegmental area of the rat. 2006 , 23, 2677-85	140
960	Sleep-active neurons in the preoptic area project to the hypothalamic paraventricular nucleus and perifornical lateral hypothalamus. 2006 , 23, 3284-96	60
959	REM sleep changes in rats induced by siRNA-mediated orexin knockdown. 2006 , 24, 2039-48	60
958	Effects of hypocretin-1 in 192-IgG-saporin-lesioned rats. 2006 , 24, 2084-8	22
957	Relationship between the perifornical hypothalamic area and oral pontine reticular nucleus in the rat. Possible implication of the hypocretinergic projection in the control of rapid eye movement sleep. 2006 , 24, 2834-42	35
956	Modulation of nociceptive dural input to the trigeminal nucleus caudalis via activation of the orexin 1 receptor in the rat. 2006 , 24, 2825-33	102
955	Gut peptides and the regulation of appetite. 2006 , 7, 163-82	162
954	Pattern of hypocretin (orexin) soma and axon loss, and gliosis, in human narcolepsy. 2003 , 13, 340-51	103
953	Neurobiological basis of state-dependent control of motor behaviors. 2006 , 4, 87-104	7
952	Altered neuropeptide processing in prefrontal cortex of Cpe (fat/fat) mice: implications for neuropeptide discovery. 2006 , 96, 1169-81	48
951	Behavioral and sleep/wake characteristics of mice lacking norepinephrine and hypocretin. 2006 , 5, 451-7	16
950	Galanin-like peptide promotes feeding behaviour via activation of orexinergic neurones in the rat lateral hypothalamus. 2006 , 18, 33-41	30
949	Regulation by orexin of feeding behaviour and locomotor activity in the goldfish. 2006 , 18, 290-7	116
948	Hypocretin-1 dose-dependently modulates maternal behaviour in mice. 2006 , 18, 553-66	37
947	Metabolic cycles as an underlying basis of biological oscillations. 2006 , 7, 696-701	167
946	7 TM RECEPTORS. 2006 , 147, S5-S81	1
945	The orexin system regulates alcohol-seeking in rats. 2006 , 148, 752-9	310

944	GABA(B) receptor-mediated modulation of hypocretin/orexin neurones in mouse hypothalamus. 2006 , 574, 399-414	74
943	ICV injection of orexin A induces synthesis of total RNA and mRNA encoding preorexin in various cerebral regions of the rat. 2006 , 31, 527-532	2
942	Implantable gastric stimulation alters expression of oxytocin- and orexin-containing neurons in the hypothalamus of rats. 2006 , 16, 762-9	34
941	Centrally administered neuropeptide S activates orexin-containing neurons in the hypothalamus and stimulates feeding in rats. 2006 , 30, 75-9	51
940	Recognition of GPCRs by peptide ligands and membrane compartments theory: structural studies of endogenous peptide hormones in membrane environment. 2006 , 26, 131-58	29
939	Involvement of hypocretin neurons in multiple system atrophy. 2007 , 113, 75-80	53
938	Genes involved in obesity: Adipocytes, brain and microflora. 2006 , 1, 189-212	6
937	Activation of orexin neurons by acute nicotine. 2006 , 535, 172-6	73
936	Agonist potency differentiates G protein activation and Ca ²⁺ signalling by the orexin receptor type 1. 2006 , 71, 827-36	47
935	Characterization of Gpr101 expression and G-protein coupling selectivity. 2006 , 1087, 1-14	38
934	Distribution of urocortin 3 neurons innervating the ventral premammillary nucleus in the rat brain. 2006 , 1089, 116-25	27
933	Differential expression of mouse orexin receptor type-2 (OX2R) variants in the mouse brain. 2006 , 1103, 20-4	9
932	Unexpected expression of orexin-B in basal conditions and increased levels in the adult rat hippocampus during pilocarpine-induced epileptogenesis. 2006 , 1109, 164-75	20
931	Nitric oxide directly inhibits ghrelin-activated neurons of the arcuate nucleus. 2006 , 1125, 37-45	23
930	Orexin A in the rostralateral hypothalamic area induces feeding by modulating GABAergic transmission. 2006 , 1125, 60-6	25
929	Paradoxical (REM) sleep genesis: the switch from an aminergic-cholinergic to a GABAergic-glutamatergic hypothesis. 2006 , 100, 271-83	147
928	Orphan neuropeptides. Novel neuropeptides modulating sleep or feeding. 2006 , 40, 233-43	7
927	CSF orexin A concentrations and expressions of the orexin-1 receptor in rat hippocampus after cardiac arrest. 2006 , 40, 245-50	23

926	Role of neuropeptides in appetite regulation and obesity--a review. 2006 , 40, 375-401	329
925	Quetiapine lowers sympathetic and hyperthermic reactions due to cerebral injection of orexin A. 2006 , 40, 357-63	26
924	Behavioural and hypothalamic molecular effects of the anti-cancer agent cisplatin in the rat: A model of chemotherapy-related malaise?. 2006 , 83, 9-20	42
923	Orphan GPCRs and their ligands. 2006 , 110, 525-32	68
922	Afferents to the orexin neurons of the rat brain. 2006 , 494, 845-61	457
921	Vesicular glutamate (VGlut), GABA (VGAT), and acetylcholine (VACht) transporters in basal forebrain axon terminals innervating the lateral hypothalamus. 2006 , 496, 453-67	49
920	Peptidomics: identification and quantification of endogenous peptides in neuroendocrine tissues. 2006 , 25, 327-44	186
919	FAS inhibitor cerulenin reduces food intake and melanocortin receptor gene expression without modulating the other (an)orexigenic neuropeptides in chickens. 2006 , 291, R138-47	30
918	Controlling Biochemical Weapons. 2006 ,	11
917	Sleep disorders in children and adolescents. 2006 , 332, 828-32	50
916	Orexin-induced apoptosis: the key role of the seven-transmembrane domain orexin type 2 receptor. 2006 , 147, 4977-84	45
915	New strategies in drug discovery. 2006 , 316, 1-11	5
914	Neuroendocrine stress but not feeding responses to centrally administered neuropeptide Y are suppressed in pregnant rats. 2006 , 147, 3737-45	36
913	Occurrence of sleep disorders in the families of narcoleptic patients. 2006 , 67, 703-5	8
912	Ghrelin increases neuropeptide Y and agouti-related peptide gene expression in the arcuate nucleus in rat hypothalamic organotypic cultures. 2006 , 147, 5102-9	65
911	Orexin A induces GnRH gene expression and secretion from GT1-7 hypothalamic GnRH neurons. 2006 , 84, 353-63	39
910	Neuropeptide S stimulates the hypothalamo-pituitary-adrenal axis and inhibits food intake. 2006 , 147, 3510-8	155
909	Orexin neuron-mediated skeletal muscle vasodilation and shift of baroreflex during defense response in mice. 2006 , 290, R1654-63	80

908	Orexins: neuropeptides for all seasons and functions. 2006 , 291, R885-8	4
907	The etiology of hypertension in the metabolic syndrome part four: the systemic perspective--the role of the neuroendocrine and immune systems, and the challenge of integration. 2006 , 4, 349-81	3
906	Role of Neuronal Glucosensing in the Regulation of Energy Homeostasis. 2006 , 55, S122-S130	41
905	Hypocretin Deficiency in Human Narcolepsy. 2006 , 269-286	
904	Structure-activity relationship studies: methods and ligand design for G-protein coupled peptide receptors. 2006 , 7, 335-53	7
903	Orexin and Orexin Receptors. 2006 , 13-20	
902	Orexins, energy balance, temperature, sleep-wake cycle. 2006 , 291, R530-2	12
901	Hypocretin/orexin overexpression induces an insomnia-like phenotype in zebrafish. 2006 , 26, 13400-10	362
900	Bombesin, but not amylin, blocks the orexigenic effect of peripheral ghrelin. 2006 , 291, R903-13	17
899	Hypocretin/orexin selectively increases dopamine efflux within the prefrontal cortex: involvement of the ventral tegmental area. 2006 , 31, 384-95	154
898	Orexin receptor expression in human adipose tissue: effects of orexin-A and orexin-B. 2006 , 191, 129-36	69
897	A role for the periaqueductal gray in switching adaptive behavioral responses. 2006 , 26, 2583-9	75
896	Addiction and arousal: alternative roles of hypothalamic peptides. 2006 , 26, 10372-5	75
895	Hypocretin (orexin) receptor subtypes differentially enhance acetylcholine release and activate g protein subtypes in rat pontine reticular formation. 2006 , 317, 163-71	35
894	Central and/or peripheral immunoreactivity of orexin-A in pregnant rats and women. 2006 , 36, 131-8	15
893	OX1 orexin receptors activate extracellular signal-regulated kinase in Chinese hamster ovary cells via multiple mechanisms: the role of Ca ²⁺ influx in OX1 receptor signaling. 2006 , 20, 80-99	72
892	Sleep Disorders in Women. 2006 ,	3
891	Clinical Pharmacology of Sleep. 2006 ,	1

890	Neuropeptide W is present in antral G cells of rat, mouse, and human stomach. 2006 , 188, 49-57	29
889	The orexins/hypocretins and schizophrenia. 2007 , 33, 1277-83	26
888	The orexin-1 antagonist SB-334867 blocks antipsychotic treatment emergent catalepsy: implications for the treatment of extrapyramidal symptoms. 2007 , 33, 1291-7	12
887	Orexin-1 receptor-cannabinoid CB1 receptor heterodimerization results in both ligand-dependent and -independent coordinated alterations of receptor localization and function. 2006 , 281, 38812-24	179
886	Bidirectional dopaminergic modulation of excitatory synaptic transmission in orexin neurons. 2006 , 26, 10043-50	53
885	Cluster headache is associated with the G1246A polymorphism in the hypocretin receptor 2 gene. 2006 , 66, 1917-9	75
884	Central orexin sensitivity, physical activity, and obesity in diet-induced obese and diet-resistant rats. 2006 , 290, E396-403	89
883	Peptides and proteins regulating food intake: a comparative view. 2006 , 56, 447-473	47
882	Elevated hypothalamic orexin signaling, sensitivity to orexin A, and spontaneous physical activity in obesity-resistant rats. 2006 , 291, R889-99	88
881	A neuropeptide ligand of the G protein-coupled receptor GPR103 regulates feeding, behavioral arousal, and blood pressure in mice. 2006 , 103, 7438-43	138
880	The orexin OX1 receptor regulates Ca ²⁺ entry via diacylglycerol-activated channels in differentiated neuroblastoma cells. 2006 , 26, 10658-66	49
879	Orexins in the regulation of the hypothalamic-pituitary-adrenal axis. 2006 , 58, 46-57	136
878	Differential target-dependent actions of coexpressed inhibitory dynorphin and excitatory hypocretin/orexin neuropeptides. 2006 , 26, 13037-47	104
877	Hypothalamic thyroid hormone feedback in health and disease. 2006 , 153, 189-207	77
876	Orexin Projections and Localization of Orexin Receptors. 2006 , 21-43	7
875	Hypocretin/Orexin: a molecular link between sleep, energy regulation, and pleasure. 2007 , 19, 413-9	42
874	Review of pathophysiology and clinical management of narcolepsy in dogs. 2007 , 161, 375-80	13
873	Neuropeptides as possible targets in sleep disorders. 2007 , 11, 37-59	6

872	A selective role for neuronal activity regulated pentraxin in the processing of sensory-specific incentive value. 2007 , 27, 13430-5	31
871	A role for hypocretin (orexin) in male sexual behavior. 2007 , 27, 2837-45	153
870	Electrical inhibition of identified anorexigenic POMC neurons by orexin/hypocretin. 2007 , 27, 1529-33	59
869	Obesity, migraine, and chronic migraine: possible mechanisms of interaction. 2007 , 68, 1851-61	165
868	Impact of proestrous milieu on expression of orexin receptors and prepro-orexin in rat hypothalamus and hypophysis: actions of Cetrorelix and Nembupal. 2007 , 292, E820-8	58
867	The Nucleus Accumbens Shell as a Model of Integrative Subcortical Forebrain Systems Regulating Food Intake. 2007 , 27-65	1
866	Hypothalamic Neuropeptides and Feeding Regulation. 2007 , 67-98	1
865	Orexin-induced feeding requires NMDA receptor activation in the perifornical region of the lateral hypothalamus. 2007 , 293, R1022-6	24
864	Naturally occurring hypertension in New World nonhuman primates: Potential role of the perifornical hypothalamus. 2007 , 292, R937-45	15
863	The orexin-1 receptor antagonist SB-334867 blocks the effects of antipsychotics on the activity of A9 and A10 dopamine neurons: implications for antipsychotic therapy. 2007 , 32, 786-92	47
862	Olfactory dysfunction in patients with narcolepsy with and without REM sleep behaviour disorder. 2007 , 130, 442-9	40
861	Characterization of sleep in zebrafish and insomnia in hypocretin receptor mutants. 2007 , 5, e277	276
860	Design, Synthesis and Biological Evaluation of Ligands Selective for the Melanocortin-3 Receptor. 2007 , 7, 1085-1097	8
859	Increasing length of wakefulness and modulation of hypocretin-1 in the wake-consolidated squirrel monkey. 2007 , 293, R1736-42	21
858	Interaction between orexins and the mesolimbic system for overriding satiety. 2007 , 18, 383-93	7
857	Effects of anesthetics on the function of orexin-1 receptors expressed in <i>Xenopus</i> oocytes. 2007 , 79, 236-42	8
856	Deorphanization of G-protein-coupled receptors. 2006 , 163-86	3
855	Hypocretin/orexin type 1 receptor in brain: role in cardiovascular control and the neuroendocrine response to immobilization stress. 2007 , 292, R382-7	63

854	Orexins control intestinal glucose transport by distinct neuronal, endocrine, and direct epithelial pathways. 2007 , 56, 2494-500	26
853	Nesfatin-1: distribution and interaction with a G protein-coupled receptor in the rat brain. 2007 , 148, 5088-94	231
852	Neuropeptide S: a novel modulator of stress and arousal. 2007 , 10, 221-6	59
851	Transcription profile analysis reveals that OBP-1F mRNA is downregulated in the olfactory mucosa following food deprivation. 2007 , 32, 697-710	8
850	Hypothalamic dysfunction and neuroendocrine and metabolic alterations in Huntington's disease: clinical consequences and therapeutic implications. 2007 , 18, 223-51	68
849	Both orexin receptors are expressed in rat ovaries and fluctuate with the estrous cycle: effects of orexin receptor antagonists on gonadotropins and ovulation. 2007 , 293, E977-85	65
848	Parathyroid hormone-related protein induces cachectic syndromes without directly modulating the expression of hypothalamic feeding-regulating peptides. 2007 , 13, 292-8	31
847	Control of hypothalamic orexin neurons by acid and CO ₂ . 2007 , 104, 10685-90	243
846	Serotonin and energy balance: molecular mechanisms and implications for type 2 diabetes. 2007 , 9, 1-24	104
845	[Animal models of sleep research]. 2007 , 129, 413-7	
844	[Discovery of orexin]. 2007 , 130, 19-22	
843	[Discovery of neuropeptide W and neuropeptide B]. 2007 , 130, 23-8	
842	Reduced carnitine level causes death from hypoglycemia: possible involvement of suppression of hypothalamic orexin expression during weaning period. 2007 , 54, 911-25	18
841	Hypothalamic neuropeptides and appetite response in anorexia-cachexia animal. 2007 , 54, 831-8	10
840	Orphan seven transmembrane receptor screening. 2006 , 105-43	6
839	The Effect of Porcine Orexin a on C-Peptide Plasma Concentrations in Pigs. 2007 , 5, 129-139	
838	Effects of nutrition on neuro-endocrine stress responses. 2007 , 10, 504-10	26
837	Metabolic fuel and clinical implications for female reproduction. 2007 , 29, 887-902	50

836	Peripheral tissue-brain interactions in the regulation of food intake. 2007 , 66, 131-55	55
835	Cardiovascular actions of central neuropeptide W in conscious rats. 2007 , 138, 82-6	15
834	Study of orexins signal transduction pathways in rat olfactory mucosa and in olfactory sensory neurons-derived cell line Odora: multiple orexin signalling pathways. 2007 , 141, 73-85	32
833	Screening the human prepro-orexin gene in a single-centre narcolepsy cohort. 2007 , 8, 498-502	3
832	Clinical and neurobiological aspects of narcolepsy. 2007 , 8, 373-99	138
831	Hypothalamic control of sleep. 2007 , 8, 291-301	147
830	Differential distribution of orexin-A-like and orexin receptor 1 (OX1R)-like immunoreactivities in the <i>Xenopus</i> pituitary. 2007 , 39, 423-30	24
829	Is dopamine a physiologically relevant mediator of feeding behavior?. 2007 , 30, 375-81	345
828	The selective orexin 1 receptor antagonist SB-334867-A impairs acquisition and consolidation but not retrieval of spatial memory in Morris water maze. 2007 , 28, 650-6	76
827	Regulation of feeding behavior by pituitary adenylate cyclase-activating polypeptide (PACAP) and vasoactive intestinal polypeptide (VIP) in vertebrates. 2007 , 28, 1761-6	40
826	Regulation of food intake in the goldfish by interaction between ghrelin and orexin. 2007 , 28, 1207-13	96
825	Appetite signaling: from gut peptides and enteric nerves to brain. 2007 , 92, 256-62	130
824	Neurotransmitters in key neurons of the hypothalamus that regulate feeding behavior and body weight. 2007 , 92, 263-71	227
823	Orexin neuronal changes in the locus coeruleus of the aging rhesus macaque. 2007 , 28, 1286-95	58
822	Orexin-induced modulation of state-dependent intrinsic properties in thalamic paraventricular nucleus neurons attenuates action potential patterning and frequency. 2007 , 147, 1066-75	43
821	The development of hypocretin (orexin) deficiency in hypocretin/ataxin-3 transgenic rats. 2007 , 148, 34-43	43
820	Nitric oxide and GABA mediate bi-directional cardiovascular effects of orexin in the nucleus tractus solitarius of rats. 2007 , 149, 625-35	49
819	Food-elicited increases in cortical acetylcholine release require orexin transmission. 2007 , 149, 499-507	45

818	QSAR modeling of GPCR ligands: methodologies and examples of applications. 2006 , 49-73	10
817	Brain Fos expression during 48 h after cisplatin treatment: neural pathways for acute and delayed visceral sickness. 2007 , 132, 44-51	49
816	Lateral hypothalamic orexin neurons are critically involved in learning to associate an environment with morphine reward. 2007 , 183, 43-51	160
815	Deep brain stimulation of the posterior hypothalamus activates the histaminergic system to exert antiepileptic effect in rat pentylenetetrazol model. 2007 , 205, 132-44	45
814	The hormonal control of food intake. <i>Cell</i> , 2007 , 129, 251-62	56.2 436
813	Hormonal and neural regulation of intestinal function in pigs. 2007 , 108, 32-40	13
812	Molecular characterization of prepro-orexin in Atlantic cod (<i>Gadus morhua</i>): cloning, localization, developmental profile and role in food intake regulation. 2007 , 271, 28-37	56
811	Distribution of orexin/hypocretin immunoreactivity in the brain of a male songbird, the house finch, <i>Carpodacus mexicanus</i> . 2007 , 33, 101-109	3
810	Inhibitory effects of an orexin-2 receptor antagonist on orexin A- and stress-induced ACTH responses in conscious rats. 2007 , 57, 462-6	55
809	Narcolepsy with cataplexy. 2007 , 369, 499-511	524
808	The endomorphin system and its evolving neurophysiological role. 2007 , 59, 88-123	192
807	Neurobiology of feeding and energy expenditure. 2007 , 30, 367-98	288
806	Treatment of the Obese Patient. 2007 ,	3
805	Neurochemistry of Sleep. 2007 , 869-894	
804	The hypocretin/orexin receptor: therapeutic prospective in sleep disorders. 2007 , 16, 1785-97	28
803	A validated whole-genome association study of efficient food conversion in cattle. 2007 , 176, 1893-905	138
802	Orphan G-protein-coupled receptors : strategies for identifying ligands and potential for use in eating disorders. 2007 , 8, 287-99	3
801	Characterization of the promoter of the mouse preproorexin gene. 2007 , 71, 840-3	3

800	Chapter 5 Recent Advances in the Treatment of Insomnia. 2007 , 63-80	7
799	Brainstem-Hypothalamic Neuropeptides and the Regulation of Feeding. 2007 , 99-141	
798	Nutrition, vigilance et sommeil : relations biologiques et comportementales. 2007 , 4, 15-23	
797	A comparative analysis of the distribution of immunoreactive orexin A and B in the brains of nocturnal and diurnal rodents. 2007 , 3, 28	87
796	Appetite regulation: an overview. 2007 , 17, 433-45	86
795	Anti-obesity Activity. 2007 , 1609-1660	1
794	Neuroanatomical and chemical organization of the locus coeruleus. 9-52	11
793	Highlights of Sleep Neuroscience. 2007 , 15-28	1
792	Disorders of Sleep and Circadian Rhythms. 2007 , 409-426	0
791	Effects of weaning and weaning weight on neuroendocrine regulators of feed intake in pigs. 2007 , 85, 2133-9	15
790	Contribution of orexin in hypercapnic chemoreflex: evidence from genetic and pharmacological disruption and supplementation studies in mice. 2007 , 103, 1772-9	91
789	HLA-DQB1 allele and hypocretin in Korean narcoleptics with cataplexy. 2007 , 22, 127-31	6
788	Narcolepsy: Neuropharmacological Aspects. 2007 ,	
787	Hypocretin/Orexin System. 2007 ,	
786	Rapid and preferential activation of Fos protein in hypocretin/orexin neurons following the reversal of dehydration-anorexia. 2007 , 502, 768-82	32
785	Orexin axons in the rat ventral tegmental area synapse infrequently onto dopamine and gamma-aminobutyric acid neurons. 2007 , 503, 668-84	124
784	Spatial and temporal activation of brain regions in hibernation: c-fos expression during the hibernation bout in thirteen-lined ground squirrel. 2007 , 505, 443-58	47
783	Distinct populations of presympathetic-premotor neurons express orexin or melanin-concentrating hormone in the rat lateral hypothalamus. 2007 , 505, 586-601	48

782	Glucose sensing by hypothalamic neurones and pancreatic islet cells: AMPl evidence for common mechanisms?. 2007 , 92, 311-9	37
781	Sleep/wake fragmentation disrupts metabolism in a mouse model of narcolepsy. 2007 , 581, 649-63	81
780	Promotion of sleep by targeting the orexin system in rats, dogs and humans. 2007 , 13, 150-5	488
779	The neural circuit of orexin (hypocretin): maintaining sleep and wakefulness. 2007 , 8, 171-81	899
778	Synaptic plasticity and addiction. 2007 , 8, 844-58	1179
777	Regulation of OX1 orexin/hypocretin receptor-coupling to phospholipase C by Ca ²⁺ influx. 2007 , 150, 97-104	47
776	7TM Receptors. 2007 , 150, S4-S81	10
775	Emerging Targets for Migraine Treatment. 2021 , 69, S98-S104	1
774	Inhibition of Orexin/Hypocretin Neurons Ameliorates Elevated Physical Activity and Energy Expenditure in the A53T Mouse Model of Parkinson's Disease. 2021 , 22,	6
773	Intestinal Electrical Stimulation Alters Hypothalamic Expression of Oxytocin and Orexin and Ameliorates Diet-Induced Obesity in Rats. 2021 , 31, 1664-1672	1
772	Drug addiction co-morbidity with alcohol: Neurobiological insights. 2021 , 157, 409-472	2
771	Heterogeneity of Hypocretin/Orexin Neurons. 2021 , 45, 61-74	2
770	The tuberomamillary nucleus in neuropsychiatric disorders. 2021 , 180, 389-400	0
769	Regulation Metabolic Roles of Orexigenic and Anorexigenic Neuropeptides. 2021 , 603-613	
768	Receptor Transduction Pathways Mediating Hormone Action. 2021 , 30-85	1
767	Pleasure, addiction, and hypocretin (orexin). 2021 , 180, 359-374	0
766	Orexin-A Intensifies Mouse Pupillary Light Response by Modulating Intrinsically Photosensitive Retinal Ganglion Cells. 2021 , 41, 2566-2580	1
765	Structures of active-state orexin receptor 2 rationalize peptide and small-molecule agonist recognition and receptor activation. 2021 , 12, 815	20

764	Circadian Rhythms of the Hypothalamus: From Function to Physiology. 2021 , 3, 189-226	8
763	RF-amide related peptide-3 (RFRP-3): a novel neuroendocrine regulator of energy homeostasis, metabolism, and reproduction. 2021 , 48, 1837-1852	2
762	Cocaine-Seeking Behavior Induced by Orexin A Administration in the Posterior Paraventricular Nucleus of the Thalamus Is Not Long-Lasting: Neuroadaptation of the Orexin System During Cocaine Abstinence. 2021 , 15, 620868	4
761	The Paraventricular Nucleus of the Thalamus as an Integrating and Relay Node in the Brain Anxiety Network. 2021 , 15, 627633	16
760	A balancing act: the role of pro- and anti-stress peptides within the central amygdala in anxiety and alcohol use disorders. 2021 , 157, 1615-1643	3
759	Functional and Neurochemical Identification of Ghrelin Receptor (GHSR)-Expressing Cells of the Lateral Parabrachial Nucleus in Mice. 2021 , 15, 633018	6
758	Orexin receptor antagonists reverse aberrant dopamine neuron activity and related behaviors in a rodent model of stress-induced psychosis. 2021 , 11, 114	5
757	Activation of Orexin 1 Receptors in the Paraventricular Nucleus Contributes to the Development of Deoxycorticosterone Acetate-Salt Hypertension Through Regulation of Vasopressin. 2021 , 12, 641331	2
756	Circadian rhythm as a therapeutic target. 2021 , 20, 287-307	41
755	Associative processes in addiction relapse models: A review of their Pavlovian and instrumental mechanisms, history, and terminology. 3, e18	1
754	Daily orexinergic modulation of the rat superficial layers of the superior colliculus: Implications for intrinsic clock activities in the visual system.	2
753	Orexin/Hypocretin and MCH Neurons: Cognitive and Motor Roles Beyond Arousal. 2021 , 15, 639313	6
752	Orexins (hypocretins): The intersection between homeostatic and hedonic feeding. 2021 , 157, 1473-1494	4
751	Medulla glutamatergic neurons control wake-sleep transitions.	0
750	The Impacts of Age and Sex in a Mouse Model of Childhood Narcolepsy. 2021 , 15, 644757	2
749	Neuropeptides as Primary Mediators of Brain Circuit Connectivity. 2021 , 15, 644313	3
748	Metabolic Regulation of Hypoxia-Inducible Factors in Hypothalamus. 2021 , 12, 650284	0
747	Targets for migraine treatment: beyond calcitonin gene-related peptide. 2021 , 34, 363-372	6

746	Pre-treatment of blood samples reveal normal blood hypocretin/orexin signal in narcolepsy type 1. 2021 , 3, fcab050	1
745	Single cell analysis of the aging hypothalamus.	1
744	Expansion-Assisted Iterative-FISH defines lateral hypothalamus spatio-molecular organization.	1
743	The Inert Brain: Explaining Neural Inertia as Post-anaesthetic Sleep Inertia. 2021 , 15, 643871	2
742	The Neural Network of Neuropeptide S (NPS): Implications in Food Intake and Gastrointestinal Functions. 2021 , 14,	5
741	Orexin-A measurement in narcolepsy: A stability study and a comparison of LC-MS/MS and immunoassays. 2021 , 90, 34-39	3
740	Sleep and alertness disturbance and substance use disorders: A bi-directional relation. 2021 , 203, 173153	4
739	TASK1 and TASK3 in orexin neuron of lateral hypothalamus contribute to respiratory chemoreflex by projecting to nucleus tractus solitarius. 2021 , 35, e21532	2
738	Regulatory Role of Orexin in the Antistress Effect of "Press Tack Needle" Acupuncture Treatment. 2021 , 9,	0
737	Central regulatory mechanisms of visceral sensation in response to colonic distension with special reference to brain orexin. 2021 , 86, 102129	0
736	Molecular Dynamics Simulations for the Determination of the Characteristic Structural Differences between Inactive and Active States of Wild Type and Mutants of the Orexin2 Receptor. 2021 , 125, 4286-4298	1
735	Extra-forebrain impact of antipsychotics indicated by c-Fos or FosB/ΔosB expression: A minireview. 2021 , 55, 120-130	0
734	Orexinergic descending inhibitory pathway mediates linalool odor-induced analgesia in mice. 2021 , 11, 9224	2
733	Orexin A Enhances Pro-Opiomelanocortin Transcription Regulated by BMP-4 in Mouse Corticotrope AtT20 Cells. 2021 , 22,	0
732	Orexin-A differentially modulates inhibitory and excitatory synaptic transmission in rat inner retina. 2021 , 187, 108492	1
731	Orexin-A inhibits fictive air breathing responses to respiratory stimuli in the bullfrog tadpole (<i>Lithobates catesbeianus</i>). 2021 , 224,	0
730	Focus on the Complex Interconnection between Cancer, Narcolepsy and Other Neurodegenerative Diseases: A Possible Case of Orexin-Dependent Inverse Comorbidity. 2021 , 13,	6
729	Orexin (hypocretin) participates in central autonomic regulation during fight-or-flight response. 2021 , 139, 170530	4

728	Orexin/Hypocretin and Histamine Cross-Talk on Hypothalamic Neuron Counts in Mice. 2021 , 15, 660518	1
727	The Dual Orexin Receptor Antagonist DORA-22 Improves Mild Stress-induced Sleep Disruption During the Natural Sleep Phase of Nocturnal Rats. 2021 , 463, 30-44	2
726	Impact of daytime light intensity on the central orexin (hypocretin) system of a diurnal rodent (<i>Arvicanthis niloticus</i>). 2021 , 54, 4167	1
725	Choline-Sigma-1R as an Additional Mechanism for Potentiation of Orexin by Cocaine. 2021 , 22,	1
724	Effect of Liver Cirrhosis on the Pharmacokinetics, Metabolism, and Tolerability of Daridorexant, A Novel Dual Orexin Receptor Antagonist. 2021 , 60, 1349-1360	2
723	Circadian Mechanisms in Medicine. 2021 , 384, e76	0
722	Cardinal role of the environment in stress induced changes across life stages and generations. 2021 , 124, 137-150	1
721	Intranasal insulin and orexins to treat age-related cognitive decline. 2021 , 234, 113370	7
720	Orexin-A directly depolarizes dorsomedial hypothalamic neurons, including those innervating the rostral ventrolateral medulla. 2021 , 899, 174033	1
719	Central blockade of orexin type 1 receptors reduces naloxone induced activation of locus coeruleus neurons in morphine dependent rats. 2021 , 755, 135909	
718	Tumor cell apoptosis mediated by the orexins. 2021 , 23, 421-438	1
717	Discovery of Arylsulfonamides as Dual Orexin Receptor Agonists. 2021 , 64, 8806-8825	4
716	Hypothalamic neuropeptides and neurocircuitries in Prader Willi syndrome. 2021 , 33, e12994	6
715	Large-scale functional brain networks for consciousness. 2021 , 54, 152-164	
714	Effects of Orexin B on Swine Granulosa and Endothelial Cells. 2021 , 11,	1
713	Sleep dysregulation in binge eating disorder and "food addiction": the orexin (hypocretin) system as a potential neurobiological link. 2021 , 46, 2051-2061	5
712	Cajanolactone A, a stilbenoid from <i>Cajanus cajan</i> , inhibits energy intake and lipid synthesis/storage, and promotes energy expenditure in ovariectomized mice. 2021 , 138, 111491	1
711	Sleep disturbance as a therapeutic target to improve opioid use disorder treatment. 2021 ,	4

710	Roles of central orexinergic system on cardiovascular function and acupuncture on intervention of cardiovascular risk: Orexinergic system mediate the role of acupuncture?. 2021 , 87, 102132	1
709	Understanding and countering opioid-induced respiratory depression. 2021 ,	6
708	Synthesis and biological evaluation of novel F-labeled phenylbenzofuran-2-carboxamide derivative for detection of orexin 1 receptor in the brain. 2021 , 43, 128098	1
707	An overview of the orexinergic system in different animal species. 2021 , 36, 1419-1444	3
706	Orexin (hypocretin) mediates light-dependent fluctuation of hippocampal function in a diurnal rodent. 2021 , 31, 1104-1114	0
705	Activation of Orexin System Stimulates CaMKII Expression. 2021 , 12, 698185	0
704	Orexin-2 receptor antagonism in the cornu ammonis 1 region of hippocampus prevented the antinociceptive responses induced by chemical stimulation of the lateral hypothalamus in the animal model of persistent pain. 2021 , 32, 515-523	2
703	Activation of Hypocretin Neurons in Endometriosis. 2021 , 1	0
702	Emerging drugs for the prevention of migraine. 2021 , 26, 271-280	0
701	Age-specific treatment effects of orexin/hypocretin-receptor antagonism on methamphetamine-seeking behavior. 2021 , 224, 108719	4
700	Modulatory role of the orexin system in stress-induced analgesia: Involvement of the ventral tegmental area. 2021 , 25, 2266-2277	4
699	Emerging therapeutic targets for narcolepsy. 2021 , 1-14	0
698	Beyond Digestion: Can Animals Shape the Landscape According to Their Species-Specific Salivary Secretions?. 2021 , 11, 817	
697	The Ciji-Hua'ai-Baosheng II Formula Attenuates Chemotherapy-Induced Anorexia in Mice With Hepatocellular Carcinoma. 2021 , 12, 715824	1
696	Orexin 1 and 2 Receptors in the Prelimbic Cortex Modulate Threat Valuation. 2021 , 468, 158-167	1
695	Polysomnographic nighttime features of narcolepsy: A systematic review and meta-analysis. 2021 , 58, 101488	3
694	LC-MS/MS Analysis Elucidates a Daily Rhythm in Orexin A Concentration in the Rat Vitreous Body. 2021 , 26,	0
693	Nonclinical pharmacology of daridorexant: a new dual orexin receptor antagonist for the treatment of insomnia. 2021 , 238, 2693-2708	7

692	Orexin A improves the cognitive impairment induced by chronic intermittent hypoxia in mice. 2021 , 173, 203-210	1
691	Centrally administered butyrate improves gut barrier function, visceral sensation and septic lethality in rats. 2021 , 146, 183-191	2
690	At the intersection of sleep deficiency and opioid use: mechanisms and therapeutic opportunities. 2021 , 234, 58-73	3
689	Orexinergic System in Neurodegenerative Diseases. 2021 , 13, 713201	1
688	Activation of Orexinergic Neurons Inhibits the Anesthetic Effect of Desflurane on Consciousness State via Paraventricular Thalamic Nucleus in Rats. 2021 , 133, 781-793	1
687	The effects of orexin-A and orexin receptors on anxiety- and depression-related behaviors in a male rat model of post-traumatic stress disorder. 2021 ,	0
686	Orexins/Hypocretins and Cancer: A Neuropeptide as Emerging Target. 2021 , 26,	1
685	Daily coordination of orexinergic gating in the rat superior colliculus-Implications for intrinsic clock activities in the visual system. 2021 , 35, e21930	3
684	Human Consciousness: The Role of Cerebral and Cerebellar Cortex, Vagal Afferents, and Beyond.	1
683	Orexin-A Regulates Follicular Growth, Proliferation, Cell Cycle and Apoptosis in Mouse Primary Granulosa Cells via the AKT/ERK Signaling Pathway. 2021 , 26,	1
682	Efferent and Afferent Connections of Neuropeptide Y Neurons in the Nucleus Accumbens of Mice. 2021 , 15, 741868	0
681	What do I talk about when I talk about measuring CNS orexin-A? Considerations of orexin-A measurements in clinical and preclinical setting. 2021 , 11, 100101	2
680	Orexin 2 receptor in the nucleus accumbens is critical for the modulation of acute stress-induced anxiety. 2021 , 131, 105317	5
679	The neurobiological underpinning of the circadian wake signal. 2021 , 191, 114386	1
678	Role of hippocampal orexin receptors in antinociception elicited by chemical stimulation of the lateral hypothalamus in the tail-flick test. 2021 , 414, 113492	1
677	Orexin, serotonin, and energy balance.. 2022 , 14, e1536	0
676	Orexin receptors in GtoPdb v.2021.3.. 2021 , 2021,	2
675	Exploring the Role of Orexinergic Neurons in Parkinson's Disease. 2021 , 39, 2141-2153	1

674	Effect of Restricted Feeding on Metabolic Health and Sleep-Wake Rhythms in Aging Mice. 2021 , 15, 745227	0
673	Orexin receptors 1 and 2 in serotonergic neurons differentially regulate peripheral glucose metabolism in obesity. 2021 , 12, 5249	2
672	The Physiological Control of Eating: Signals, Neurons, and Networks. 2021 ,	8
671	The effects of single nucleotide polymorphisms in Neuropeptide Y and prepro-orexin on growth in Nile tilapia (<i>Oreochromis niloticus</i>). 2021 , 543, 736974	0
670	New insights in obesity development and possible value of microbiota transplantation. 2021 , 92, 1-2	
669	Assessing the role of ghrelin and the enzyme ghrelin O-acyltransferase (GOAT) system in food reward, food motivation, and binge eating behavior. 2021 , 172, 105847	1
668	Dopamine receptor 2 downregulation and brain-derived neurotrophic factor upregulation in the paraventricular nucleus are correlated with brown adipose tissue thermogenesis in rats with bilateral substantia nigra lesions. 2021 , 117, 102016	1
667	The role of orexin in Alzheimer disease: From sleep-wake disturbance to therapeutic target. 2021 , 765, 136247	0
666	The role of ventral tegmental area orexinergic afferents in depressive-like behavior in a chronic unpredictable mild stress (CUMS) mouse model. 2021 , 579, 22-28	
665	Do orexin/hypocretin neurons signal stress or reward?. 2021 , 145, 170629	1
664	Was it something I ate? Understanding the bidirectional interaction of migraine and appetite neural circuits. 2021 , 1770, 147629	1
663	Role of Hypocretin in the Medial Preoptic Area in the Regulation of Sleep, Maternal Behavior and Body Temperature of Lactating Rats. 2021 , 475, 148-162	1
662	Cancer as a tool for preclinical psychoneuroimmunology.. 2021 , 18, 100351	2
661	Application of Kampo medicines for the palliation of cancer cachexia. 2021 , 90, 102188	4
660	Physiology of Sleep From Infancy to Old Age. 2022 , 3-21	
659	[Preclinical and clinical efficacy of orexin receptor antagonist Lemborexant (Dayvigo) on insomnia patients]. 2021 , 156, 114-119	0
658	Neurobiological and Hormonal Mechanisms Regulating Women's Sleep. 2020 , 14, 625397	4
657	Hypothalamic Actions of SIRT1 and SIRT6 on Energy Balance. 2021 , 22,	5

- 656 An outlook on the trigeminovascular mechanisms of action and side effects concerns of some potential neuropeptidergic antimigraine therapies. **2021**, 17, 179-199 3
- 655 Elucidation of Neural Circuits Involved in the Regulation of Sleep/Wakefulness Using Optogenetics. **2021**, 1293, 391-406 1
- 654 Sleep-Wake Neurobiology. **2021**, 1297, 65-82 3
- 653 Is there a hypothalamic basis for anorexia nervosa?. **2021**, 181, 405-424 1
- 652 The orexin/hypocretin system in neuropsychiatric disorders: Relation to signs and symptoms. **2021**, 180, 343-358 1
- 651 Neuromyelitis optica, aquaporin-4 antibodies, and neuroendocrine disorders. **2021**, 181, 173-186 3
- 650 Alcohol. **2021**, 1-377
- 649 Investigating the pathophysiology of anorexia nervosa using induced pluripotent stem cells: background, current trends, and perspectives. **2021**, 293-323
- 648 [Effects of Histamine and Related Compounds on the Central Nervous System]. **2021**, 141, 93-110
- 647 Design and Synthesis of Novel Orexin Antagonists via Structural Simplification of the Morphinan Skeleton. **2021**, 103, 929
- 646 Appetite-regulating peptides. **2021**, 125-127
- 645 Hypocretin/Orexin Receptor Pharmacology and Sleep Phases. **2021**, 45, 22-37 5
- 644 Research progress on the mechanism of orexin in pain regulation in different brain regions. **2021**, 16, 46-52 1
- 643 Sedative-Hypnotics. **2003**, 201-261 2
- 642 The Hypocretins and Narcolepsy. **2005**, 235-254 2
- 641 Hypocretins in Endocrine Regulation. **2005**, 395-423 1
- 640 Rodent Models of Human Narcolepsy-cataplexy. **2005**, 27-38 1
- 639 Physiological Characteristics of Hypocretin/Orexin Neurons. **2005**, 123-136 2

638	Anti-obesity activity1. 2002 , 1053-1092	1
637	Neuroendocrine Control of Food Intake. 2006 , 1-21	1
636	Neuropeptide-Processing Enzymes: Applications for Drug Discovery. 2008 , 497-509	1
635	Orexigenic Hypothalamic Peptides Behavior and Feeding. 2011 , 355-369	3
634	Animal Models of Narcolepsy: Development, Findings and Perspectives. 2010 , 23-37	2
633	Hypocretin/Orexin Receptor Functions in Mesopontine Systems Regulating Sleep, Arousal, and Cataplexy. 2011 , 139-151	1
632	The Hypothalamus and Its Functions. 2011 , 191-203	4
631	Neurogenesis and Gliogenesis in the Postnatal Hypothalamus: A New Level of Plasticity for the Regulation of Hypothalamic Function?. 2014 , 105-136	2
630	Hyperarousal and Post-Traumatic Stress Disorder: A Role for the Hypocretin System. 2009 , 201-211	1
629	Deorphanizing g protein-coupled receptors by a calcium mobilization assay. 2011 , 789, 377-91	19
628	Pharmacology of appetite suppression. 2000 , 54, 25-58	77
627	Neuropeptides in drug research. 2000 , 54, 121-49	3
626	Hypocretin/Orexin Pathology in Human Narcolepsy with and Without Cataplexy. 2015 , 289-298	1
625	Orexin and Circadian Influences in Sleep and Psychiatric Disorders: A Review of Experimental and Computational Modelling Studies. 2015 , 299-322	2
624	A New Class of Hypnotic Compounds for the Treatment of Insomnia: The Dual Orexin Receptor Antagonists. 2015 , 323-338	2
623	Orexin Receptor Functions in the Ascending Arousal System. 2015 , 67-80	1
622	Orexin (Hypocretin) and Narcolepsy. 2016 , 11-23	0
621	The Endocannabinoid System in Leptin-Driven Changes of Orexinergic Signaling Under Physiological and Pathological Conditions. 2017 , 1-26	3

620	The 'chicken and egg' problem of co-evolution of peptides and their cognate receptors: which came first?. 1999 , 26, 1-11	2
619	The Hypothalamus and Hypothalamohypophysial Systems. 2011 , 603-631	3
618	The Reticular Formation and Some Related Nuclei. 2011 , 211-247	2
617	Ultradian Episodes of Thermogenesis in Mammals: Implications for the Timing of Torpor Entry and Arousal. 2012 , 219-229	1
616	Physiopathology of the catabolism associated with malnutrition in the elderly. 1999 , 19-29	1
615	Central Nervous System Neuropeptides Involved in Obesity. 2000 , 313-341	1
614	Identification of Genes Involved in Animal Models of Obesity. 2000 , 427-459	1
613	Gustatory and reward brain circuits in the control of food intake. 2011 , 36, 31-59	19
612	Disorders of consciousness: anatomical and physiological mechanisms. 2004 , 29, 3-22	4
611	Neurochemistry of the Sleep-Wake Cycle in Parkinson's Disease. 2015 , 19-33	2
610	Feeding regulation in the brain: Involvement of Neuropeptide W. 2009 , 31-39	1
609	Modelling the Hypothalamic Control of Thalamic Synchronization Along the Sleep-Wake Cycles. 2011 , 563-570	4
608	Bioinformatics tools for predicting GPCR gene functions. 2014 , 796, 205-24	3
607	Extrinsic neuromodulation in the rodent olfactory bulb. 2021 , 383, 507-524	8
606	Sleep and Its Disorders. 2008 , 1947-2009	2
605	Nutrition and Sleep. 2009 , 307-318	1
604	Orexins and Opioids in Feeding Behavior. 2006 , 919-927	1
603	Hypothalamus. 2004 , 513-550	16

602	Narcolepsy. 2011 , 938-956	7
601	Sleep and Its Disorders. 2012 , 1634-1702	5
600	Receptor Transduction of Hormone Action. 2008 , 26-73	1
599	Orexin and Parkinson's disease: A protective neuropeptide with therapeutic potential. 2020 , 138, 104754	7
598	Orexin receptors mediate long-term depression of excitatory synaptic transmission in the spinal cord dorsal horn. 2017 , 660, 12-16	8
597	Reversible inactivation of the lateral hypothalamus reversed high reward choices in cost-benefit decision-making in rats. 2017 , 145, 135-142	4
596	Fast sensory representations in the lateral hypothalamus and their roles in brain function. 2020 , 222, 112952	5
595	How Brain Arousal Mechanisms Work: Paths Toward Consciousness. 2018 ,	3
594	Significance of the orexinergic system in modulating stress-related responses in an animal model of post-traumatic stress disorder. 2020 , 10, 10	14
593	Influence of light/dark cycle and orexins on breathing control in green iguanas (<i>Iguana iguana</i>). 2020 , 10, 22105	1
592	Decreased plasma orexin-A levels in obese individuals.	2
591	The neural circadian system of mammals. 2011 , 49, 1-17	14
590	cDNA cloning and expression of a gamma-aminobutyric acidA receptor epsilon-subunit in rat brain. 2000 , 12, 4318-4330	10
589	[Narcolepsy in adults: Definition, etiology and treatment]. 2021 , 89, 103-113	2
588	The leptin era: new insight into the mechanisms of body weight homeostasis. 1999 , 29, 250-64	10
587	Leptin, the hypothalamus and the regulation of adiposity. 1998 , 9, 295-9	5
586	Glucagon-like peptide-1 receptor agonist, exendin-4, reduces reinstatement of heroin-seeking behavior in rats. 2021 , 32, 265-277	9
585	The biological basis of chronic fatigue: neuroinflammation and innate immunity. 2020 , 33, 391-396	9

584	Synaptic and peptidergic connectome of a neurosecretory centre in the annelid brain.	3
583	Dynorphin counteracts orexin in the paraventricular nucleus of the thalamus: cellular and behavioral evidence.	2
582	The dual orexin/hypocretin receptor antagonist suvorexant reduces addiction-like behaviors for the opioid fentanyl.	2
581	Hypothalamic circuitry underlying stress-induced insomnia and peripheral immunosuppression.	0
580	Increased number and activity of a lateral subpopulation of hypothalamic orexin/hypocretin neurons underlies the expression of an addicted state in rats.	7
579	Autoimmunity to hypocretin and molecular mimicry to flu antigens in Type 1 narcolepsy.	2
578	The number of lateral hypothalamus orexin/hypocretin neurons contributes to individual differences in cocaine demand.	2
577	Glucagon-like peptide-1 receptor agonist, exendin-4, reduces reinstatement of heroin seeking behavior in rats.	2
576	Identification and Functional Analysis of Mutations in the Hypocretin (Orexin) Genes of Narcoleptic Canines. 2001 , 11, 531-539	9
575	Intravenously administered hypocretin-1 alters brain amino acid release: an in vivo microdialysis study in rats. 2003 , 548, 557-62	38
574	Orexin-B augments voltage-gated L-type Ca(2+) current via protein kinase C-mediated signalling pathway in ovine somatotropes. 2003 , 77, 141-52	17
573	Impaired hypocretin/orexin system alters responses to salient stimuli in obese male mice. 2020 , 130, 4985-4998	9
572	Leptin action in the forebrain regulates the hindbrain response to satiety signals. 2005 , 115, 703-10	190
571	Hypocretin/orexin and nociceptin/orphanin FQ coordinately regulate analgesia in a mouse model of stress-induced analgesia. 2008 , 118, 2471-81	63
570	The cholecystokinin-A receptor mediates inhibition of food intake yet is not essential for the maintenance of body weight. 1999 , 103, 383-91	183
569	Leptin and Other Appetite Suppressants. 2004 , 321-344	2
568	Neuroendocrine Regulation of Food Intake. 2005 , 5-25	1
567	An Overview of Neural Pathways and Networks Involved in the Control of Food Intake and Selection. 1999 ,	3

566	Effect of ambient temperature on sleep breathing phenotype in mice: the role of orexins. 2020 , 223,	2
565	The hypocretin/orexin system. 2002 , 95, 227-30	30
564	Recent advances in understanding the roles of hypocretin/orexin in arousal, affect, and motivation. 2018 , 7,	23
563	Morphological Changes in Narcolepsy. 2013 , 10, 35-38	2
562	IGFBP3 colocalizes with and regulates hypocretin (orexin). 2009 , 4, e4254	63
561	Increased immune complexes of hypocretin autoantibodies in narcolepsy. 2010 , 5, e13320	29
560	Functional magnetic resonance imaging reveals different neural substrates for the effects of orexin-1 and orexin-2 receptor antagonists. 2011 , 6, e16406	87
559	Origin of secretin receptor precedes the advent of tetrapoda: evidence on the separated origins of secretin and orexin. 2011 , 6, e19384	16
558	Dual hypocretin receptor antagonism is more effective for sleep promotion than antagonism of either receptor alone. 2012 , 7, e39131	95
557	The dual orexin/hypocretin receptor antagonist, almorexant, in the ventral tegmental area attenuates ethanol self-administration. 2012 , 7, e44726	51
556	Neurotensin co-expressed in orexin-producing neurons in the lateral hypothalamus plays an important role in regulation of sleep/wakefulness states. 2013 , 8, e62391	55
555	Endogenous CNS expression of neurotensin and neurotensin receptors is altered during the postpartum period in outbred mice. 2014 , 9, e83098	18
554	Neural circuit interactions between the dorsal raphe nucleus and the lateral hypothalamus: an experimental and computational study. 2014 , 9, e88003	25
553	A physiologically based model of orexinergic stabilization of sleep and wake. 2014 , 9, e91982	34
552	Hepatic branch vagus nerve plays a critical role in the recovery of post-ischemic glucose intolerance and mediates a neuroprotective effect by hypothalamic orexin-A. 2014 , 9, e95433	10
551	Orexin A inhibits propofol-induced neurite retraction by a phospholipase D/protein kinase C-dependent mechanism in neurons. 2014 , 9, e97129	12
550	Sleep/Wake Dynamics Changes during Maturation in Rats. 2015 , 10, e0125509	8
549	The Roles of Dopamine and Hypocretin in Reward: A Electroencephalographic Study. 2015 , 10, e0142432	8

548	Intranasal post-cardiac arrest treatment with orexin-A facilitates arousal from coma and ameliorates neuroinflammation. 2017 , 12, e0182707	17
547	Global analysis of gene expression mediated by OX1 orexin receptor signaling in a hypothalamic cell line. 2017 , 12, e0188082	3
546	Acetylcholine Acts through Nicotinic Receptors to Enhance the Firing Rate of a Subset of Hypocretin Neurons in the Mouse Hypothalamus through Distinct Presynaptic and Postsynaptic Mechanisms. 2015 , 2,	16
545	Orexinergic Modulation of Spinal Motor Activity in the Neonatal Mouse Spinal Cord. 2018 , 5,	3
544	Reduced Orexin System Function Contributes to Resilience to Repeated Social Stress. 2018 , 5,	37
543	Hypothalamic hypocretin (orexin): robust innervation of the spinal cord. 1999 , 19, 3171-82	425
542	Brain uncoupling protein 2: uncoupled neuronal mitochondria predict thermal synapses in homeostatic centers. 1999 , 19, 10417-27	146
541	Hypocretin increases impulse flow in the septohippocampal GABAergic pathway: implications for arousal via a mechanism of hippocampal disinhibition. 2002 , 22, 7754-65	91
540	[Sleep disorders in chronic pain syndromes]. 2018 , 118, 107-112	4
539	Immunological and Genetic Aspects of Narcolepsy. 2011 , 2, 39-47	6
538	Autoimmunity and Immunotherapy in Narcolepsy. 2017 , 8, 1-7	1
537	[Chronic alcoholism influences the mRNA level of the orexin receptor type 1 (OX1R) in emotiogenic structures of the rat brain]. 2018 , 64, 451-454	7
536	, and demonstration of the antitumoral role of hypocretin-1/orexin-A and almorexant in pancreatic ductal adenocarcinoma. 2018 , 9, 6952-6967	7
535	The Modulatory Role of Orexin 1 Receptor in CA1 on Orofacial Pain-induced Learning and Memory Deficits in Rats. 2017 , 8, 213-222	7
534	Inverse Association of Peripheral Orexin-A with Insulin Resistance in Type 2 Diabetes Mellitus: A Randomized Clinical Trial. 2017 , 14, 301-310	5
533	Central regulation of breast cancer growth and metastasis. 2019 , 5,	3
532	Neurophysiology and Treatment of Disorders of Consciousness Induced by Traumatic Brain Injury: Orexin Signaling as a Potential Therapeutic Target. 2019 , 25, 4208-4220	7
531	Metabolism of the Dual Orexin Receptor Antagonist ACT-541468, Based on Microtracer/ Accelerator Mass Spectrometry. 2019 , 20, 254-265	12

530	Neurophysiology of sleep and wakefulness: basic science and clinical implications. 2008 , 6, 367-78	180
529	Hypocretin/Orexin neuropeptides: participation in the control of sleep-wakefulness cycle and energy homeostasis. 2009 , 7, 50-9	41
528	Nicotinic Cholinergic System in the Hypothalamus Modulates the Activity of the Hypothalamic Neuropeptides During the Stress Response. 2018 , 16, 371-387	15
527	Regulation of drug and palatable food overconsumption by similar peptide systems. 2011 , 4, 163-73	33
526	Stimulation of phagocytosis in mouse peritoneal macrophages by orexin-B and orexin-A. 2004 , 25, 249-254	4
525	Immunohistochemical localizations of Orexin-A and the neurokinin 1 receptor in the rat spinal cord. 2004 , 54, 311-318	1
524	Stress exposure, food intake and emotional state. 2015 , 18, 381-99	86
523	Psychotropic-Induced Weight Gain: Liability, Mechanisms and Treatment Approaches. 2006 , 307-354	2
522	Sleep disturbances, psychiatric disorders, and psychotropic drugs. 2005 , 7, 323-34	3
521	Role of Orexin-1 Receptor Within the Ventral Tegmental Area in Mediating Stress- and Morphine Priming-induced Reinstatement of Conditioned Place Preference in Rats. 2019 , 10, 373-382	4
520	Physiology of sleep. 2007 , 50, 711	9
519	Leptin transiently antagonizes ghrelin and long-lastingly orexin in regulation of Ca ²⁺ signaling in neuropeptide Y neurons of the arcuate nucleus. 2008 , 14, 6347-54	8
518	Effect of intestinal ischemia-reperfusion injury on protein levels of leptin and orexin-A in peripheral blood and central secretory tissues. 2005 , 11, 1000-4	10
517	Amyloid β and tau are involved in sleep disorder in Alzheimer's disease by orexin A and adenosine A(1) receptor. 2019 , 43, 435-442	13
516	Role of orexin peptide system in emotional overeating induced by brain reward stimulation in fed rats. 2020 , 6, 81-91	2
515	Effects of Orexin-A and Orexin-B on Renal Sodium Handling. 2006 , 2, 536-542	1
514	Suvorexant: a novel therapy for the treatment of insomnia. 2014 , 52, 23-6	2
513	Effect of Orexin A antagonist (SB-334867) infusion into the nucleus accumbens on consummatory behavior and alcohol preference in Wistar rats. 2016 , 48, 53-8	8

512	Orexin neuropeptides: Physiology and significance in food metabolism. 2016 , 3, 148	1
511	The effects of diurnal intermittent fasting on the wake-promoting neurotransmitter orexin-A. 2018 , 13, 48-54	18
510	The potential biological mechanisms of obesity effects on depression: A systematic review of the literature and knowledge mining. 2013 , 05, 1811-1818	2
509	Non-peptide ligands in the characterization of peptide receptors at the interface between neuroendocrine and mental diseases. 2013 , 03, 100-125	3
508	Transcriptional factors, Mafs and their biological roles. 2015 , 6, 175-83	28
507	Correlation of Brain Neuropeptide (Nesfatin-1 and Orexin-A) Concentrations with Anthropometric and Biochemical Parameters in Malnourished Children. 2015 , 7, 197-202	12
506	A Unified Plan to Strengthen the Sleep Medicine Pipeline and Maximize Our Workforce. 2016 , 12, 781-4	4
505	The Treatment of Narcolepsy With Amphetamine-Based Stimulant Medications: A Call for Better Understanding. 2019 , 15, 803-805	2
504	Practical Protocol for Making Calibration Curves for Direct and Sensitive Quantitative LC Orbitrap-MS of Large Neuropeptides. 2020 , 9, A0087	2
503	Food intake and brain substances. 2012 , 18, 107-114	0
502	Hippocampus ghrelin signaling mediates appetite through lateral hypothalamic orexin pathways. 2015 , 4,	70
501	Synaptic and peptidergic connectome of a neurosecretory center in the annelid brain. 2017 , 6,	40
500	Dissociating orexin-dependent and -independent functions of orexin neurons using novel Orexin-Flp knock-in mice. 2019 , 8,	8
499	Dual orexin and MCH neuron-ablated mice display severe sleep attacks and cataplexy. 2020 , 9,	8
498	Effects of the selective orexin-2 receptor antagonist JNJ-48816274 on sleep initiated in the circadian wake maintenance zone: a randomised trial. 2021 ,	0
497	Genetic determinants of metabolic biomarkers and their associations with cardiometabolic traits in Hispanic/Latino adolescents. 2021 ,	
496	Optogenetic stimulation of lateral hypothalamic orexin/dynorphin inputs in the ventral tegmental area potentiates mesolimbic dopamine neurotransmission and promotes reward-seeking behaviours. 2021 ,	2
495	Brain Circuits Underlying Narcolepsy. 2021 , 10738584211052263	0

- 476 Leptin and Blood Pressure. **2003**, 1
- 475 The Pathophysiology of Appetite Control. **2004**, 25-52
- 474 Central Targets for Antiobesity Drugs. **2004**, 299-321
- 473 Genetic Regulation of Sleep. **2004**, 119-140
- 472 The Anatomy of Hypocretin Neurons. **2005**, 77-93
- 471 Physiological Function of G Protein-Coupled Receptors (GPCRs) and Research Trends for Orphan GPCRs. **2005**, 20, 185
- 470 Orexin/Hypocretin and Opioid Dependence. **2005**, 327-337
- 469 7. **2005**, 123-156
- 468 Behaviour Under Control: the Malign Misuse of Neuroscience. **2006**, 91-115
- 467 Hypocretins/Orexins in Brain Function. **2006**, 499-522
- 466 The Hypocretins (Orexins). **2006**, 721-730
- 465 Orexin. **2006**, S63-S63
- 464 Overview of Sleep. **2007**, 2, 40-49
- 463 Presence of orexin A and orexin 1 receptor in the buffalo prostate. **2007**, 6, 794-795
- 462 Orexin. **2007**, 29-35
- 461 . **2008**, 34, 24-28
- 460 OX2 Receptor. **2008**, 1-11
- 459 [Hypocretin neurotransmitter system and narcolepsy]. **2008**, 65, 393-6 1

458 OX1 Receptor. **2008**, 1-11

457 A Nonspecific System Provides Nonphotic Information for the Biological Clock. **2008**, 465-480

456 Neuronal Network for the Regulation System of Stress, Feeding and Sexual Behavior. **2008**, 4, 25-31 1

455 Symptomatic Narcolepsy or Hypersomnia, with and Without Hypocretin (Orexin) Deficiency. **2010**, 135-165

454 Humor Processing in Human Narcolepsy with Cataplexy. **2010**, 115-124

453 Treatment of Hypersomnias. **2008**, 299-319

452 Description of Hypersomnias. **2008**, 223-233

451 Orexin modulates neuronal activities of mesencephalic trigeminal sensory neurons in rats. **2009**, 179-182

450 ??????????????????????. **2009**, 35, 118-126

449 The Roles of Orexins in the Nucleus Accumbens and Ventral Tegmental Area on Reward-Associated Behavior Induced by Morphine. **2009**, 41, 329-336

448 Orexin. **2009**, 158, S80-S80 78

447 The evolving story of orexin biology: the hits keep coming. **2009**, 1, 85 1

446 Diencefalo: ipotalamo. **2010**, 289-336

445 Regulation of Appetite and Energy Metabolism by Neuropeptides in Brain. **2010**, 16, 85-92

444 Steuerung von Appetit, Hunger und Sättigung. **2010**, 33-45

443 Current Advances in the Pharmacotherapy of Insomnia: Pipeline Agents. **2010**, 427-435

442 Functional Anatomy of Wakefulness. **2011**, 63-109

441 Pancreatic Islet ECell Failure in Obesity. **2011**, 199-217

- 440 Metabolic Influence on the Hypocretin/Orexin Neurons. **2011**, 211-216
- 439 The Prehistory of Orexin/Hypocretin and Melanin-Concentrating Hormone Neurons of the Lateral Hypothalamus. **2011**, 205-209
- 438 ???????S?????????. **2011**, 37, 124-133
- 437 Orexin/Hypocretin, Drug Addiction, and Narcolepsy. **2011**, 253-260
- 436 Neuroimagen en el sueño y en los trastornos del sueño. **2011**, 198-217
- 435 Cambios fisiológicos durante el sueño. **2011**, 80-104
- 434 Orexin knockout mice ??????????????. **2011**, 18, 70-71
- 433 Emotional Processing in Narcolepsy. **2011**, 261-270
- 432 Neuroendocrine Control of Energy Stores. **2011**, 1581-1604
- 431 Effects of Orexin/Hypocretin on Ventral Tegmental Area Dopamine Neurons: An Emerging Role in Addiction. **2011**, 241-251
- 430 The Roles of Hypocretin/Orexin in Narcolepsy, Parkinson's Disease, and Normal Behavior. **2011**, 37-45
- 429 Características generales del sueño normal. **2011**, 5-21
- 428 Is Narcolepsy a Neurodegenerative Disorder?. **2011**, 27-33
- 427 Sueño, respiración y trastornos neurológicos. **2011**, 436-498
- 426 Afferent Control of the Hypocretin/Orexin Neurons. **2011**, 153-162
- 425 The Hypocretins/Orexins: Master Regulators of Arousal and Hyperarousal. **2011**, 121-128
- 424 Neurobiología del sueño con y sin movimientos oculares rápidos. **2011**, 29-58
- 423 Nutrición y sueño. **2011**, 307-318

422 Dysfonctionnement hypocretinergique et troubles du sommeil. **2011**, 195, 1567-1581

421 Narcolepsie. **2012**, 201-214

2

420 Neuropeptide Systems: Some Basic Concepts. **2012**,

419 The Brain in Sleep. **2013**, 95-116

418 Adaptive and Mal-Adaptive Signaling in Cells of the Cardiovascular System: Effect of Obesity-Associated Peptides on Human Blood Platelet Activation. **2013**, 185-189

417 Evaluating Psychobiologic Effects Induced by Spice through Salivary Biomarkers. **2013**, 25, 63-67

416 Narcolepsy without Cataplexy. **2013**, 432-436

415 Women and Excessive Daytime Sleepiness. **2013**, 171-186

414 Control of Sleep/Wakefulness by Using Optogenetics for Study of Sleep Disease. **2013**, 41, 92

413 Developmental Alteration of Hypocretins (Orexins) in the Brainstem in the Sudden Infant Death Syndrome. **2014**, 15-25

412 Discovery and Characterization of Leucine-Rich Repeat-Containing G Protein-Coupled Receptors. **2014**, 365-388

1

411 Enteral and Parenteral Feeding and Orexigenic Peptides. **2014**, 1-11

410 Ghrelin and Sleep Regulation. **2014**, 153-165

409 Encyclopedia of Psychopharmacology. **2014**, 1-4

408 Neuroregulation of Appetite. **2014**, 3-22

407 Assays of Obesity-Regulating Peptide Hormones. **2014**, 1-61

406 The Neurogenetics of Energy Balance. **2012**, 75-87

405 Circadian and Dark-Pulse Activation of Orexin/Hypocretin Neurons. **2014**, 159-187

404 Regulation of Energy Intake. **2015**, 13-30

403 The Past, Present, and Future of Drug Development and Treatment in Sleep Disorders. **2015**, 273-288

402 Development of New Therapeutical Agents for Treatment of Insomnia and Other Sleeps Disorders. **2015**, 85-107

401 Enteral and Parenteral Feeding and Orexigenic Peptides. **2015**, 1671-1679

400 Introduction. **2015**, 1-9

399 Role of Orexin on Sleep: Interactions with Other Neurotransmitter Systems. **2015**, 181-202

398 Input and Output Systems of Orexin Neurons. **2015**, 37-52

397 Narcolepsy and Idiopathic Hypersomnia. **2015**, 259-287

396 History of Orexin Research. **2015**, 1-25

395 Modulation of Thalamocortical Pathways by Orexins. **2015**, 107-135

394 Symptomatic Narcolepsy or Hypersomnia, with and Without Orexin (Hypocretin) Deficiency. **2015**, 213-258

393 Hypothalamic Structure-Function Relationships?. **2015**,

392 Orexin and Metabolism. **2015**, 363-380

391 Hypocretin (Orexin) Cell Transplantation as a New Therapeutic Approach in Narcolepsy. **2015**, 353-362

390 The Hypocretin Story. **2015**, 27-35

389 Narcolepsy-Cataplexy Syndrome and Symptomatic Hypersomnia. **2015**, 205-221

388 Physiological Roles of Orexin Receptors on Sleep/Wakefulness Regulation. **2015**, 53-65

387 Pharmacogenetic Dissection of Neural Mechanisms Underlying the Regulation of Sleep/Wakefulness Using DREADDs. **2015**, 109-127

- 386 Progress of Commonly Used Hypnotic Drugs. **2015**, 03, 105-114 1
- 385 How Leptin Controls the Drive to Eat. **2015**, 24, 69-77
- 384 Encyclopedia of Signaling Molecules. **2016**, 1-6
- 383 The Endocrine Regulation of Energy and Body Weight. **2016**, 1-22
- 382 Orexin/Hypocretin System and Drug Addiction. **2016**, 144-152
- 381 Assays of Obesity-Regulating Peptide Hormones. **2016**, 3341-3390
- 380 Parkinson's Disease and Sleep/Wake Disturbances. **2016**, 115-146 1
- 379 Orexin Receptor Antagonists. **2017**, 225-279 0
- 378 Drug interaction (38. Combination with novel hypnotic drugs : ramelteon and suvorexant). **2017**, 129, 53-57
- 377 Narcolepsy and Idiopathic Hypersomnia. **2017**, 697-711 1
- 376 The Etiology of Narcolepsy. **2017**, 4,
- 375 The Pineal Gland Energy Transducer. **2017**, 439-482
- 374 Administration of orexin A in the posterior paraventricular nucleus of the thalamus promotes cocaine-seeking behavior and is associated with hypothalamic activation.
- 373 Neuroendocrinology of Energy Homeostasis. **2018**, 1-24
- 372 The Endocrine Regulation of Energy and Body Weight. **2018**, 589-610
- 371 Encyclopedia of Signaling Molecules. **2018**, 3665-3671
- 370 [Multimodality of clinical effects of orexin]. **2018**, 118, 114-119
- 369 Activation of lateral hypothalamic group III mGluRs suppresses drug-seeking following abstinence and cocaine-associated increases in excitatory drive to orexin/hypocretin cells. 2

- 368 The Evolutionary History of the Orexin/Allatotropin GPCR Family: From Placozoa and Cnidaria to Vertebrata.
- 367 Serum oreksin seviyelerinin obezite ile ilişisi: kesitsel ilgilendirme çalışması.
- 366 Obesity-related hypertension and enhanced plasma orexin-A level are attenuated by the consumption of thiamine water in diabetic rats under cerebral oxidative stress conditions. **2019**, 6, 383-390 2
- 365 Orexin- and MCH-Neurons Double-Ablated Mice Display Severe Sleep Attacks and Cataplexy.
- 364 Dissociating orexin-dependent and -independent functions of orexin neurons using novel orexin-Flp knock-in mice.
- 363 Sleep and Health: An Introduction. **2019**, 10, 1-3
- 362 The Role of Orexin-1 Receptor Signaling in Demand for the Opioid Fentanyl. 1
- 361 Persistent effects of the orexin-1 receptor antagonist SB-334867 on motivation for the fast acting opioid remifentanyl. 1
- 360 Fasting Influences Conditioned Memory for Food Preference Through the Orexin System: Hypothesis Gained from Studies in the Rat. **2019**, 2203-2217
- 359 Narcolepsies. **2019**, 159-174
- 358 Hormones as adaptive control systems in juvenile fish.
- 357 Cellular mechanisms for antinociception produced by hypothalamus-derived neuropeptides in the rat spinal superficial dorsal horn: oxytocin and orexins actions. **2019**, 34, 228-239
- 356 Involvement of orexin/hypocretin in the expression of social play behaviour in juvenile rats.
- 355 Nesfatin-1 ve Oreksin A Nöronları Arasındaki Etkileşimin İmmünohistokimyasal Olarak Araştırılması.
- 354 Dual Orexin and MCH neuron-ablated mice display severe sleep attacks and cataplexy. 1
- 353 Central Hypersomnias in Adult Women of Childbearing Age. **2020**, 219-231
- 352 Condition optimization for synthesis of 5-methyl-2(pyrimidin-2-yl)benzoic acid. **2020**, 17,
- 351 Orexin A associates with inflammation by interacting with OX1R/OX2R receptor and activating prepro-Orexin in cancer tissues of gastric cancer patients. **2020**, 43, 240-247 1

- 350 Mass Spectrometric Characterization of Narcolepsy-Associated Pandemic 2009 Influenza Vaccines.
- 349 Coordination of metabolism, arousal, and reward by orexin/hypocretin neurons. **2020**, 130, 4540-4542 2
- 348 Nonantimicrobial Actions of Macrolides: Overview and Perspectives for Future Development. **2021**, 73, 233-262 5
- 347 Orexin receptors in the CA1 region of hippocampus modulate the stress-induced antinociceptive responses in an animal model of persistent inflammatory pain. **2021**, 147, 170679 0
- 346 New directions in modelling dysregulated reward seeking for food and drugs. **2021**, 132, 1037-1037 1
- 345 Vom Wachen zum Schlaf. **2020**, 37-56
- 344 The Reticular Formation and the Neuromodulatory Systems. **2020**, 257-307
- 343 Appetite Regulation. **2020**, 537-552
- 342 Obesity based on genetic and molecular influences. **2020**, 25-35
- 341 Ghrelin and orexin levels in infertile male: evaluation of effects on varicocele pathophysiology, relationship seminal and hormonal parameter. **2020**, 45, 877-882
- 340 Inflammatory Conditions of the Hypothalamus. **2021**, 437-478
- 339 Depression and stress levels increase risk of liver cancer through epigenetic downregulation of hypocretin. **2020**, 0
- 338 Planning sleep-related animal and translational research. **2021**,
- 337 Neurochemistry of sleep. **2021**,
- 336 [Increase in the level of orexin receptor 1 (OX1R) mRNA in the brain structures of rats prone to impulsivity in behavior]. **2021**, 67, 411-417
- 335 Dual orexin receptor antagonist in treatment of insomnia. **2020**, 42, 57-68
- 334 Neural Regulation of Feeding Behavior. **2020**, 1284, 23-33 0
- 333 The Hypothalamus, the Preoptic Area, and Hypothalamohypophysial Systems. **2020**, 711-744

- 332 Narkolepsie im Kindesalter. **2020**, 617-622
- 331 Descending Control Mechanisms. **2020**, 272-303
- 330 Schlafmedizinische Krankheitsbilder bei Jugendlichen. **2020**, 131-149
- 329 The lateral hypothalamus and orexinergic transmission in the paraventricular thalamus promote the attribution of incentive salience to reward-associated cues.
- 328 Insulin-Like Growth Factor I Modulates Sleep Through Hypothalamic Orexin Neurons.
- 327 A ventral striatal-orexin/hypocretin circuit modulates approach but not consumption of food. ○
- 326 Withering syndrome induced gene expression changes and a de-novo transcriptome for the Pinto abalone, *Haliotis kamtschatkana*. **2021**, 41, 100930 ○
- 325 Gabra5LHA Mediate Astrocytic GABA-induced Obesity via Decreasing Energy Expenditure. 1
- 324 Characteristic structural difference between inactive and active states of orexin 2 receptor determined using molecular dynamics simulations.. **2022**, 14, 221-231 ○
- 323 Neurophysiological aspects of the regulation of serotonin neurons by the orexinergic system. **2008**, 287-304
- 322 Orphan Neuropeptides and the Regulation of Food Intake. **2008**, 3-19
- 321 SAR of the novel neuropeptides orexin-A and B. **2002**, 668-670
- 320 Our Evolving Understanding of Peptides and the Control of Food Intake. **2004**, 111-126 1
- 319 Narcolepsy syndrome: a new view at the beginning of the second millennium. **2006**, 43-59
- 318 Hypocretin-Deficient Narcolepsy as a Disease Model to Study the Hypothalamic Function in Health and Disease. **2006**, 71-81
- 317 Narcolepsy with Cataplexy: Hypocretin and Immunological Aspects. **2007**, 337-352
- 316 Neuroregulation of Appetite. **2014**, 3-22 ○
- 315 The Use of Saporin Conjugates to Dissect Neurons Responsible for Sleep and Wakefulness. **2005**, 249-264

314	De-Orphanizing GPCRs and Drug Development. 2005 , 389-401	
313	Narcolepsy and Other Neurological Sleep Disorders. 2006 , 1153-1159	
312	Women and Excessive Daytime Sleepiness. 2006 , 145-155	
311	Neuroregulation of Appetite. 2007 , 3-26	
310	Impact of a History of Caloric Restriction and a Frustration Stress Manipulation on Binge-Like Eating Behavior in Female Rats: Preclinical Results. 2021 , 239-260	0
309	Optogenetic stimulation of lateral hypothalamic orexin/dynorphin inputs in the ventral tegmental area potentiates mesolimbic dopamine neurotransmission and promotes reward-seeking behaviours.	1
308	The orexin receptors in the ventral tegmental area are involved in the development of sensitization to expression of morphine-induced preference in rats. 2020 , 31, 759-767	3
307	History of the development of sleep medicine in the United States. 2005 , 1, 61-82	28
306	Increased heart rate variability but normal resting metabolic rate in hypocretin/orexin-deficient human narcolepsy. 2008 , 4, 248-54	20
305	Integrative role of brain and hypothalamus in the control of energy balance. 2009 , 56, 289-296	2
304	MafA is a Key Molecule in Glucose and Energy Balance in the Central Nervous System and Peripheral Organs. 2011 , 7, 19-26	2
303	A quick look at obesity; the enemy within. 2011 , 4, 186-91	1
302	Tail flick modification of orexin-a induced changes of electrophysiological parameters in the rostral ventromedial medulla. 2014 , 16, 131-40	9
301	Orexin-a modulates firing of rat rostral ventromedial medulla neurons: an in vitro study. 2015 , 17, 163-70	6
300	Chemical stimulation of the lateral hypothalamus potentiated the sensitization to morphine in rats: involvement of orexin-1 receptor in the ventral tegmental area. 2014 , 13, 1120-30	5
299	Administration of orexin receptor 1 antagonist into the rostral ventromedial medulla increased swim stress-induced antinociception in rat. 2016 , 19, 542-9	2
298	Orexin Decreases Aromatase Gene Expression in The Hypothalamus of Androgenized Female Rats. 2016 , 10, 190-5	1
297	[Relationships between sleep and addiction]. 2012 , 24, 287-90	6

296	Intra-accumbal Orexin-1 Receptors are Involved in Antinociception Induced by Stimulation of the Lateral Hypothalamus in the Formalin Test as an Animal Model of Persistent Inflammatory Pain. 2016 , 15, 851-859	10
295	Neuroendocrine, Autonomic, and Metabolic Responses to an Orexin Antagonist, Suvorexant, in Psychiatric Patients with Insomnia. 2017 , 14, 30-37	7
294	Hypersomnia. 2018 , 115, 85-91	2
293	Suvorexant, a Dual Orexin Receptor Antagonist, Protected Seizure through Interaction with GABA and Glutamate Receptors. 2020 , 19, 383-390	
292	Prevention of cisplatin-induced nausea and vomiting by seabuckthorn (L.) seed oil: Insights at the level of orexin-A in rats. 2021 , 24, 248-255	
291	[Orexin-A inhibits Γ aminobutyric acid current of neonatal rat spinal cord ventral horn neurons by activating OX _R , OX _R and Ca-independent PKC]. 2021 , 41, 694-701	
290	Teaching Neuroimmunology to Undergraduate Students: Resource for Full Course or Modular Implementation. 2021 , 19, A163-A184	
289	Neurons of the parabrachial nucleus, nociceptive input, and pain pathways. 2022 , 183-191	
288	Overviews of avian neuropeptides and peptides. 2022 , 697-737	
287	Selective Orexin Receptor Antagonists as Novel Augmentation Treatments for Major Depressive Disorder: Evidence for Safety and Efficacy from a Phase 2B Study of Seltorexant. 2021 ,	0
286	Metabolomic Signature of Patients With Narcolepsy. 2021 ,	1
285	Appetitive Behavior in the Social Transmission of Food Preference Paradigm Predicts Activation of Orexin-A producing Neurons in a Sex-Dependent Manner. 2021 ,	
284	Identification of Highly Selective Orexin 1 Receptor Antagonists Driven by Structure-Based Design. 2021 ,	0
283	From molecule to behavior: hypocretin/orexin revisited from a sex-dependent perspective. 2021 ,	
282	Orexins: A promising target to digestive cancers, inflammation, obesity and metabolism dysfunctions.. 2021 , 27, 7582-7596	1
281	l-Menthol increases extracellular dopamine and c-Fos-like immunoreactivity in the dorsal striatum, and promotes ambulatory activity in mice. 2021 , 16, e0260713	1
280	Orexin receptor blockers: A tool for lowering alcohol intake and alcohol addictive behavior in the light of preclinical studies. 2021 , 75, 959-969	
279	Focus on orexin-A in obese diabetes rats: upregulation of orexin-A receptor in the diabetic brain. 2021 , 8, 235-241	

278	In vivo microdialysis reveals that blockade of accumbal orexin OX but not OX receptors enhances dopamine efflux in the nucleus accumbens of freely moving rats.. 2022,	
277	Reviewing the role of the orexinergic system and stressors in modulating mood and reward-related behaviors.. 2021, 133, 104516	1
276	Effects of orexin A on PTGS2, PTGES, CBR1 and PGFS mRNA transcript abundances and prostaglandin E and F concentrations in culture medium of pig uterine explants collected during early gestation and the estrogenic cycle.. 2021, 237, 106910	0
275	The hypothalamic paraventricular nucleus as a central hub for the estrogenic modulation of neuroendocrine function and behavior.. 2022, 65, 100974	0
274	THE INTERMEDIATION ROLE OF CENTRAL CYCLOOXYGENASE PRODUCTS TXA2, PGF2 α IPGE, AND PGD IN OREXIN-EVOKED CARDIOVASCULAR EFFECTS.	
273	Structure-Based Virtual Screening For Ligands of G Protein-Coupled Receptors: What Can Molecular Docking Do for You?. 2021, 73, 527-565	4
272	Understanding the Role of Orexin Neuropeptides in Drug Addiction: Preclinical Studies and Translational Value.. 2021, 15, 787595	0
271	Intranasal orexin A modulates sympathetic vascular tone - a pilot study in healthy male humans.. 2022,	0
270	Neurobiology of the Orexin System and Its Potential Role in the Regulation of Hedonic Tone.. 2022, 12,	1
269	Characterization of orexin input to dopamine neurons of the ventral tegmental area projecting to the medial prefrontal cortex and shell of nucleus accumbens.. 2022, 1	1
268	Tamas Horvath: The hunger view on body, brain and behavior. 2022, 67-146	
267	Pilot Study of Lemborexant for Insomnia in Cancer Patients with Delirium.. 2022,	1
266	Orexin neuropeptides modulate the hippocampal-dependent memory through basolateral amygdala interconnections. 2022, 3, 100035	
265	Physiology of Normal Sleep. 2022, 3-28	1
264	Sleep Disturbances Linked to Genetic Disorders.. 2022, 17, 77-86	0
263	Development of a Scalable Route with Efficient Stereoisomer Control to YZJ-1139, an Orexin Receptor Antagonist.	1
262	Hippocampal orexin receptors: Localization and function.. 2022, 118, 393-421	2
261	Orexin 1 Receptor Antagonism in the Basolateral Amygdala Shifts the Balance From Pro- to Antistress Signaling and Behavior.. 2022,	1

260	Hypocretins (orexins): The ultimate translational neuropeptides.. 2022 ,	5
259	Exploring the Therapeutic Potential of Targeting Purinergic and Orexinergic Receptors in Alcoholic Neuropathy.. 2022 , 1	0
258	Central and peripheral neuropeptide RFRP-3: A bridge linking reproduction, nutrition, and stress response.. 2022 , 65, 100979	1
257	Essential structure of orexin 1 receptor antagonist YNT-707: Conversion of the 16-cyclopropylmethyl group to the 16-sulfonamide group in d-nor-nalfurafine derivatives.. 2022 , 59, 128550	0
256	Design and synthesis of novel orexin 2 receptor agonists based on naphthalene skeleton.. 2022 , 59, 128530	0
255	Discovery of Orexin 2 Receptor Selective and Dual Orexin Receptor Agonists based on the Tetralin Structure: Switching of Receptor Selectivity by Chirality on the Tetralin Ring.. 2022 , 128555	0
254	Intra-CA1 injection of orexin receptors antagonism attenuates the stress-induced analgesia in a rat acute pain model.. 2022 , 113785	0
253	Orexin deficiency affects sensorimotor gating and its amphetamine-induced impairment.. 2022 , 116, 110517	0
252	A genetically encoded sensor for in vivo imaging of orexin neuropeptides.. 2022 , 19, 231-241	2
251	Intracerebroventricular infusion of the selective orexin 1 receptor antagonist SB-334867 impairs cognitive flexibility in a sex-dependent manner.. 2022 , 113791	0
250	Discovery of TAK-925 as a Potent, Selective, and Brain-Penetrant Orexin 2 Receptor Agonist.. 2022 , 13, 457-462	3
249	Parkinson disease: protective role and function of neuropeptides.. 2021 , 151, 170713	1
248	Systemic administration of hypocretin-1 reduces cataplexy and normalizes sleep and waking durations in narcoleptic dogs. 2000 , 3, 23-8	41
247	Hypocretin administration as a treatment for human narcolepsy. 2003 , 26, 932-3	6
246	Functional Neuroanatomy of Relaxin-3/RXFP3 Systems in the Brain: Implications for Integrated Neuroendocrine and Behavioural Control. 2021 , 487-511	
245	Satiety Associated with Calorie Restriction and Time-restricted Feeding: Peripheral Hormones.. 2022 ,	3
244	Extracellular Calcium Contributes to Orexin-Induced Postsynaptic Excitation of the Rat Locus Coeruleus Neurons. 2022 , 28, 1	
243	Functional characterization of a neuropeptide receptor exogenously expressed in Aplysia neurons.	

242	Hyperexcitable arousal circuits drive sleep instability during aging.. 2022 , 375, eabh3021	6
241	Increase in the Level of Orexin Receptor 1 (OX1R) mRNA in the Brain Structures of Rats Prone to Impulsivity in Behavior. 2022 , 16, 38-44	
240	Escitalopram alters the hypothalamic OX system but does not affect its up-regulation induced by early-life stress in adult rats.. 2022 ,	
239	A toolkit of highly selective and sensitive genetically encoded neuropeptide sensors.	1
238	The role of neuropeptide Y, orexin-A, and ghrelin in differentiating unipolar and bipolar depression: a preliminary study.. 2022 , 1-8	0
237	Regulation of Voluntary Physical Activity Behavior: A Review of Evidence Involving Dopaminergic Pathways in the Brain.. 2022 , 12,	3
236	Choroid plexus function in neurological homeostasis and disorders: The awakening of the circadian clocks and orexins.. 2022 , 271678X221082786	0
235	Dual Orexin Receptor Antagonist Attenuates Increases in IOP, ICP, and Translaminar Pressure Difference After Stimulation of the Hypothalamus in Rats.. 2022 , 63, 1	
234	Insulin action in the brain: cell types, circuits, and diseases.. 2022 ,	4
233	Sleep Disturbance and Alzheimer's Disease: The Glial Connection.. 2022 , 1	1
232	New Aspects of Corpus Luteum Regulation in Physiological and Pathological Conditions: Involvement of Adipokines and Neuropeptides.. 2022 , 11,	2
231	Ingested non-essential amino acids recruit brain orexin cells to suppress eating in mice.. 2022 ,	0
230	Avian Orexin: Feed Intake Regulator or Something Else?. 2022 , 9,	
229	Saporin as a Commercial Reagent: Its Uses and Unexpected Impacts in the Biological Sciences-Tools from the Plant Kingdom.. 2022 , 14,	3
228	Effects of TS-142, a novel dual orexin receptor antagonist, on sleep in patients with insomnia: a randomized, double-blind, placebo-controlled phase 2 study.. 2022 , 1	0
227	Behavioral plasticity: Role of neuropeptides in shaping feeding responses.. 2022 , 174, 106031	
226	Short-term fasting induces alternate activation of orexin and melanin-concentrating hormone neurons in rats.. 2022 ,	
225	Administration of Orexin-A into the Rat Thalamic Paraventricular Nucleus Enhances the Naloxone Induced Morphine Withdrawal.. 2022 , 72, 209-214	

- 224 Of flies, mice and neural control of food intake: lessons to learn from both models.. **2022**, 73, 102531
- 223 Orexin facilitates the ventilatory and behavioral responses of rats to hypoxia.. **2022**, ○
- 222 Orexin-a elevation in antipsychotic-treated compared to drug-free patients with schizophrenia: A medication effect independent of metabolic syndrome.. **2022**, ○
- 221 Actions of feeding-related peptides on the mesolimbic dopamine system in regulation of natural and drug rewards. **2022**, 2, 100011 ○
- 220 Synthesis and characterization of a new Positron emission tomography probe for orexin 2 receptors neuroimaging.. **2022**, 123, 105779 2
- 219 Hypersomnia and excessive daytime sleepiness in ischemic stroke. **2022**, 27, 488-498 1
- 218 Changes in the Orexin System in Rats Exhibiting Learned Helplessness Behaviors.. **2021**, 11, 1
- 217 Sex-Related Predisposition to Post-Traumatic Stress Disorder Development-The Role of Neuropeptides.. **2021**, 19, ○
- 216 Hypocretin in locus coeruleus and dorsal raphe nucleus mediates inescapable footshock stimulation (IFS)-induced REM sleep alteration.. **2021**, ○
- 215 The orexin system: a potential player in the pathophysiology of absence epilepsy?. **2021**,
- 214 Many faces of sleep regulation: beyond the time of day and prior wake time.. **2021**, ○
- 213 Involvement of the Orexinergic System in Feeding. **2022**, 12, 86 ○
- 212 Hypothalamic deep brain stimulation as a strategy to manage anxiety disorders.. **2022**, 119, e2113518119 ○
- 211 Control and coding of pupil size by hypothalamic orexin neurons. ○
- 210 A rare genetic variant in the cleavage site of prepro-orexin is associated with idiopathic hypersomnia.. **2022**, 7, 29 ○
- 209 Coding of reward uncertainty and probability by orexin neurons. ○
- 208 Arousal neurons that anticipate deviations in blood glucose. ○
- 207 Orexin Signaling: A Complex, Multifaceted Process.. **2022**, 16, 812359 ○

206	Lateral Habenula and Its Potential Roles in Pain and Related Behaviors.. 2022,	0
205	Amygdalar CB2 cannabinoid receptor mediates fear extinction deficits promoted by orexin-A/hypocretin-1.. 2022, 149, 112925	0
204	Histamine H3 receptor antagonists - Roles in neurological and endocrine diseases and diabetes mellitus.. 2022, 150, 112947	1
203	Novel pathways for stimulant development II: the hypocretin/orexin system. 165-183	
202	Data_Sheet_1.docx. 2020,	
201	Data_Sheet_1.PDF. 2020,	
200	Data_Sheet_2.PDF. 2020,	
199	Data_Sheet_2.docx. 2018,	
198	Image_1.tif. 2018,	
197	Table1.DOC. 2018,	
196	Image_1.TIF. 2018,	
195	Image_10.TIF. 2018,	
194	Image_2.TIF. 2018,	
193	Image_3.TIF. 2018,	
192	Image_4.TIF. 2018,	
191	Image_5.TIF. 2018,	
190	Image_6.TIF. 2018,	
189	Image_7.TIF. 2018,	

- 188 Image_8.TIF. **2018**,
- 187 Image_9.TIF. **2018**,
- 186 Data_Sheet_1.PDF. **2018**,
- 185 Data_Sheet_1.docx. **2018**,
- 184 Narcolepsy: a model interaction between immune system, nervous system, and sleep-wake regulation.. **2022**, 1 ○
- 183 Dual Orexin Receptor Antagonists (DORAs) as an Adjunct Treatment for Smoking Cessation.. **2022**, 36, 411 ○
- 182 The evolutionarily conserved miRNA-137 targets the neuropeptide hypocretin/orexin and modulates the wake to sleep ratio.. **2022**, 119, e2112225119 3
- 181 A study on the effect of JNJ-10397049 on proliferation and differentiation of neural precursor cells.. **2022**,
- 180 Target-specific projections of amygdala somatostatin-expressing neurons to the hypothalamus and brainstem.. **2022**, 47, ○
- 179 Neurotransmitters and neuropharmacology of sleep/wake regulations. **2022**,
- 178 Neuroanatomical Basis for the Orexinergic Modulation of Anesthesia Arousal and Pain Control.. **2022**, 16, 891631
- 177 Associations between daytime and nighttime plasma orexin A levels and cognitive function in patients with obstructive sleep apnea. ○
- 176 The effect of prostaglandins E2 and F2 on orexin system expression in the porcine uterus during the peri-implantation period. **2022**,
- 175 Translational Approaches to Influence Sleep and Arousal.. **2022**, ○
- 174 Orphan GPR146: an alternative therapeutic pathway to achieve cholesterol homeostasis?. **2022**, ○
- 173 Recurrent hypersomnia; KleineLevin syndrome. **2021**,
- 172 The role of orexin/hypocretin in regulating the sleep: Wake cycle. **2014**, 48, 42-47
- 171 Orexin 2 receptor (OX2R) protein distribution measured by autoradiography using radiolabeled OX2R-selective antagonist EMPA in rodent brain and peripheral tissues.. **2022**, 12, 8473 1

- 170 Concepts and pharmacotherapeutic principles of insomnia. **2022,**
- 169 Correlation of Orexin-A and brain-derived neurotrophic factor levels in metabolic syndrome and cognitive impairment in schizophrenia treated with clozapine. **2022,** 136695
- 168 Effects of caffeine ingestion and thermotherapy on blood orexin circulation in humans. 1
- 167 Sleep-Wake and Arousal Dysfunctions in Post-Traumatic Stress Disorder:Role of Orexin Systems. **2022,** 0
- 166 50th anniversary of the ESRS in 2022—JSR special issue. 0
- 165 A comparison of mood, quality of life and executive function among narcolepsy type 1 patients with or without ADHD symptoms in China. **2022,**
- 164 Minimal Increments of Hydrophobic Collapse within the N-Terminus of the Neuropeptide Galanin. 0
- 163 Level of mRNA of orexin receptors of second type (ORXR2) in conditions of chronic alcoholation in structures of the rat brain. **2022,** 20, 61-66
- 162 Ghrelin-dependent mechanisms of food reward. Part 1. Ghrelin and dopamine. **2022,** 20, 29-54
- 161 Neural correlates and potential targets for the contribution of orexin to addiction in cortical and subcortical areas. **2022,** 102259 0
- 160 Supplementation with Fermented Feedstuff Enhances Orexin Expression and Secretion Associated with Increased Feed Intake and Weight Gain in Weaned Pigs. **2022,** 12, 1329
- 159 Molecular mechanism of the wake-promoting agent TAK-925. **2022,** 13, 0
- 158 Involvement of the cannabinoid system in chronic inflammatory intestinal diseases: opportunities for new therapies.
- 157 Orexin-A levels in reproductive age group women and its association with body mass index. 66, 70-74
- 156 Neuromedin U (NMU) regulates food intake of Siberian sturgeon through the modulation of central and peripheral appetite factors. 1-32
- 155 The PACAP Paradox: Dynamic and Surprisingly Pleiotropic Actions in the Central Regulation of Energy Homeostasis. **2022,** 13, 0
- 154 Opioid Use Disorder, Sleep Deficiency, and Ventilatory Control: Bidirectional Mechanisms and Therapeutic Targets. 1
- 153 Sleep Deficiency and Opioid Use Disorder. **2022,** 43, e1-e14 0

- 152 Discovery of novel orexin receptor antagonists using a 1,3,5-trioxazatriquinane bearing multiple effective residues (TriMER) library. **2022**, 114505 0
- 151 The brake matters: Hyperexcitable arousal circuits in sleep fragmentation with age. **2022**, 12, 150 2
- 150 The orexin story, sleep and sleep disturbances. 2
- 149 Mechanism of opioid addiction and its intervention therapy: Focusing on the reward circuitry and mu-opioid receptor. **2022**, 3, 148 0
- 148 From basic mechanisms to therapeutic perspectives in cluster headache. **2022**, 35, 336-342 0
- 147 Neurosecretory Protein GL Promotes Normotopic Fat Accumulation in Male ICR Mice. **2022**, 23, 6488 0
- 146 Beneficial effects of *Gynostemma pentaphyllum* honey paste on obesity via counteracting oxidative stress and inflammation: An exploration of functional food developed from two independent foods rich in saponins and phenolics. **2022**, 157, 111483 0
- 145 Neurobiology of dream activity and effects of stimulants on dreams. **2022**, 22, 144 0
- 144 Effects of Vestibular Damage on the Sleep and Expression Level of Orexin in the Hypothalamus of Rats and Its Correlation with Autophagy and Akt Tumor Signal Pathway. **2022**, 2022, 1-11 0
- 143 Reduction of Orexin-A Is Associated With Anxiety and the Level of Depression of Male Methamphetamine Users During the Initial Withdrawal Period. 13, 142 1
- 142 Orexin reserve: A mechanistic framework for the role of orexins (hypocretins) in addiction. **2022**, 141 1
- 141 Does Orexin B-Binding Receptor 2 for Orexins Regulate Testicular and Epididymal Functions in Normal and Cryptorchid Dogs?. 9, 140 1
- 140 Reductionistic Explanations of Cognitive Information Processing: Bottoming Out in Neurochemistry. 16, 139 1
- 139 Orexin-A Reverse Bone Mass Loss Induced by Chronic Intermittent Hypoxia Through OX1R-Nrf2/HIF-1 β Pathway. Volume 16, 2145-2160 1
- 138 Physiological Role of Orexinergic System for Health. **2022**, 19, 8353 1
- 137 Effects of single and dual hypocretin-receptor blockade or knockdown of hypocretin projections to the central amygdala on alcohol drinking in dependent male rats. **2022**, 3, 100028 0
- 136 The Orexin receptors: Structural and anti-tumoral properties. 13, 135 0
- 135 Dual orexin receptor antagonist drug suvorexant can help in amelioration of predictable chronic mild stress-induced hyperalgesia. **2022**, 188, 39-46 0

- 134 Acts of appetite: neural circuits governing the appetitive, consummatory, and terminating phases of feeding. **2022**, 4, 836-847 1
- 133 Orexin 2 receptor-selective agonist danavorexton improves narcolepsy phenotype in a mouse model and in human patients. **2022**, 119, 0
- 132 Acute orexin antagonism selectively modulates anticipatory anxiety in humans: implications for addiction and anxiety. **2022**, 12, 1
- 131 Sex Differences in Activation of Forebrain Orexin Targets During Hedonic Eating. 0
- 130 Sex-dependent role of hypocretin/orexin neurons in social behavior. 0
- 129 Hypothalamic orexinergic neurons modulate pain and itch in an opposite way: pain relief and itch exacerbation. **2022**, 72, 0
- 128 The neuropeptide landscape of human prefrontal cortex. **2022**, 119, 0
- 127 Differences in orexin-A level in the functional brain network of HUD patients undergoing harm reduction therapy. **2022**, 101, e30093 0
- 126 Cellular and Molecular Regulation of Exercise: A Neuronal Perspective. 1
- 125 Control of non-REM sleep by ventrolateral medulla glutamatergic neurons projecting to the preoptic area. **2022**, 13, 0
- 124 Hypocretin/orexin system in the nucleus accumbens as a promising player in the extinction and reinstatement of methamphetamine-induced CPP. **2022**, 110616 0
- 123 Les antagonistes doubles des recepteurs de l'orexine : une nouvelle approche pharmacologique du traitement de l'insomnie chronique. **2022**, 19, 195-199 0
- 122 Sleep loss and addiction. **2022**, 141, 104832 0
- 121 GRU-based de novo molecular generation and combinatorial virtual screening of OX1R antagonists. **2022**, 229, 104638 0
- 120 Hypothalamic orexinergic neuron changes during the hibernation of the Syrian hamster. 16, 0
- 119 Danavorexton, a selective orexin 2 receptor agonist, provides a symptomatic improvement in a narcolepsy mouse model. **2022**, 220, 173464 0
- 118 Dual orexin receptor blocker suvorexant attenuates hypercapnic ventilatory augmentation in mice. **2022**, 1795, 148061 0
- 117 Effect of neonatal isolation on responses to subsequent exposure to isolation stress in young chickens. **2022**, 274, 111320 0

- 116 Antagonism of the orexin receptors in the ventral tegmental area diminished the stress-induced analgesia in persistent inflammatory pain. **2022**, 96, 102291 ○
- 115 Blockade of the orexin receptors in the ventral tegmental area could attenuate the stress-induced analgesia: A behavioral and molecular study. **2023**, 120, 110639 ○
- 114 Chronic orexin-1 receptor blockage attenuates depressive behaviors and provokes PSD-95 expression in a rat model of depression. **2023**, 437, 114123 1
- 113 Methods to Study Sleep in Zebrafish. **2022**, 259-286 ○
- 112 The Orexin System, Prescription Opioid Use Disorder, and Orexin Receptors Blockade. **2022**, 1-17 ○
- 111 History of cluster headache. **2022**, 5, 251581632211281 ○
- 110 Core Body Temperature Varies According to the Time of Exercise Without Affecting Orexin-A Production in the Dorsolateral Hypothalamus in Rat. ○
- 109 Orexins. **2022**, 181-209 ○
- 108 Biology of Motivation, Dopamine, and Brain Circuits That Mediate Pleasure. **2022**, 105-119 ○
- 107 Narcolepsy and Orexin/Hypocretin. **2022**, 229-262 ○
- 106 Orexin-Immunopositive Structures in the Thalamic Reticular Nucleus. **2022**, 58, 1099-1109 ○
- 105 Daridorexant for the Treatment of Insomnia. **2022**, 10, ○
- 104 Properties and modulation of excitatory inputs to the locus coeruleus. ○
- 103 Precocious puberty in narcolepsy type 1: Orexin loss and/or neuroinflammation, which is to blame?. **2022**, 101683 ○
- 102 Distinct effects of orexin A on spontaneous and evoked synaptic currents in the rat nucleus tractus solitarius. **2022**, ○
- 101 Median Nerve Stimulation Attenuates Traumatic Brain Injury-Induced Comatose State by Regulating the Orexin-A/RasGRF1 Signaling Pathway. **2022**, ○
- 100 Prescription Drugs Used in Insomnia. **2022**, 17, 315-328 ○
- 99 CO2 exposure enhances Fos expression in hypothalamic neurons in rats during the light and dark phases of the diurnal cycle. ○

- 98 Neuropeptides and hormones in hypothalamus-pituitary axis of Chinese Sturgeon (*Acipenser sinensis*). **2022**, 114135 ○
- 97 Recent Advances in Orphan GPCRs Research and Therapeutic Potential. **2022**, 20-59 ○
- 96 Recent advances in neuropeptide-related omics and gene editing: Spotlight on NPY and somatostatin and their roles in growth and food intake of fish. 13, ○
- 95 Plasticity of the hypocretinergic/orexinergic system after a chronic treatment with suvorexant in rats. Role of the hypocretinergic/orexinergic receptor 1 as an autoreceptor. 15, ○
- 94 Spinal orexin A attenuates opioid-induced mechanical hypersensitivity in the rat. **2022**, 35, 433-439 ○
- 93 The acclimatization of Haenyeo to a cold environment and occupational characteristics evaluated by orexin and irisin levels. **2022**, 34, ○
- 92 The Orexin System, Prescription Opioid Use Disorder, and Orexin Receptors Blockade. **2022**, 1769-1785 ○
- 91 An Overview of Appetite Regulation Mechanisms. ○
- 90 Orexin, Sleep, Sympathetic Neural Activity, and Cardiovascular Function. ○
- 89 Rapid Eye Movement Sleep during Early Life: A Comprehensive Narrative Review. **2022**, 19, 13101 ○
- 88 The Role of Orexin-1 Receptors Within the Hippocampal CA1 Area in the Extinction and Reinstatement of Methamphetamine-Seeking Behaviors. ○
- 87 Sex differences in activation of extra-hypothalamic forebrain areas during hedonic eating. **2022**, 227, 2857-2878 ○
- 86 Exploring Addictive Online Behaviors in Patients with Narcolepsy Type 1. **2022**, 10, 2169 ○
- 85 A Bitter Experience That Enlightens the Future: COVID-19 Neurological Affection and Perspectives on the Orexigenic System. **2022**, ○
- 84 Rôle du système limbique dans le déclenchement des cataplexies dans la narcolepsie de type 1. **2022**, ○
- 83 The role of the dorsal hippocampus in resistance to the development of posttraumatic stress disorder-like behaviours. **2022**, 114185 ○
- 82 Forebrain control of breathing: Anatomy and potential functions. 13, ○
- 81 Functional roles of orexin in obstructive sleep apnea: From clinical observation to mechanistic insights. **2023**, 101, 40-49 ○

- 80 Dorsoventral Arrangement of Lateral Hypothalamus Populations in the Mouse Hypothalamus: a Prosomeric Genoarchitectonic Analysis. ○
- 79 Progress of neural circuits mechanism underlying metabolic and hedonic feeding. **2022**, 1-12 ○
- 78 Body Weight and Metabolic Rate Changes in Narcolepsy: Current Knowledge and Future Directions. **2022**, 12, 1120 ○
- 77 Connecting insufficient sleep and insomnia with metabolic dysfunction. ○
- 76 How hypocretin agonists may improve the quality of wake in narcolepsy. **2022**, ○
- 75 Editorial: The link between nutrition and schizophrenia. 13, ○
- 74 Safety and efficacy of daridorexant in the treatment of insomnia: a systematic review and meta-analysis of randomized controlled trials. **2023**, 38, 57-65 ○
- 73 Orexin Receptor Antagonists in the Treatment of Depression: A Leading Article Summarising Pre-clinical and Clinical Studies. ○
- 72 Pharmacological targeting of glutamatergic neurons within the brainstem for weight reduction. **2022**, 4, 1495-1513 ○
- 71 Analysis of the Hypothalamic Orexinergic System in Rats with Different Forms of Genetically Determined Epilepsy. **2022**, 58, 1961-1972 ○
- 70 What evidence is there for implicating the brain orexin system in neuropsychiatric symptoms in dementia?. 13, ○
- 69 Molecular basis for anti-insomnia drug design from structure of lemborexant-bound orexin 2 receptor. **2022**, 30, 1582-1589.e4 ○
- 68 A molecular network map of orexin-orexin receptor signaling system. ○
- 67 The opposite roles of orexin neurons in pain and itch neural processing. **2022**, 170928 ○
- 66 Sleep Deprivation and Central Appetite Regulation. **2022**, 14, 5196 ○
- 65 Blockade of the orexin 1-receptors and cocaine- and amphetamine-regulated transcript in the nucleus accumbens shell alters impulse control in rats. **2022**, 114268 ○
- 64 Blockade of orexin receptor type-1 by SB-334867 and activation of orexin receptor type-2 attenuate morphine tolerance in rats. **2022**, ○
- 63 CO2 Reactivity as a Biomarker of Exposure-based Therapy Non-Response: Study Protocol. ○

- 62 A photocaged orexin-B for spatiotemporally precise control of orexin signaling. **2022**, 29, 1729-1738.e8 ○
- 61 Estradiol-dependent hypocretinergic/orexinergic behaviors throughout the estrous cycle. ○
- 60 Peripheral vs. Core Body Temperature as Hypocretin/Orexin Neurons Degenerate: Exercise Mitigates Increased Heat Loss. ○
- 59 Sex-dependent role of orexin deficiency in feeding behavior and affective state of mice following intermittent access to a Western diet Implications for binge-like eating behavior. **2022**, 114069 ○
- 58 Cerebral sleep. **2022**, 49-87 ○
- 57 Circular Dichroism Study of Orexin B under Oxidative Stress Conditions. **2023**, 28, 484 ○
- 56 Effects of central FGF21 infusion on the glucose homeostasis in rats (brain-pancreas axis). 1-8 ○
- 55 Involvement of orexin-2 receptors in the CA1 region of the hippocampus in the extinction and reinstatement of methamphetamine-induced conditioned place preference in the rats. **2023**, 160, 170926 ○
- 54 Structural characteristics of orexin receptor type 2 in Pacific abalone and its diurnal expression pattern after fasting and re-feeding. **2023**, 229, 873-884 ○
- 53 Molecular pattern of a decrease in the rewarding effect of cocaine after an escalating-dose drug regimen. ○
- 52 CO2 reactivity as a biomarker of exposure-based therapy non-response: study protocol. **2022**, 22, ○
- 51 Association of circadian locomotor output cycles kaput rs1801260 and hypocretin receptor 1 rs2271933 polymorphisms in patients with chronic migraine and sleep disorder. **2022**, 39, 98 ○
- 50 Diurnal Fluctuations of Orexin-A and -B in Cynomolgus Monkey Cerebrospinal Fluid Determined by a Novel Analytical Method Using Adsorptive Additive Treatment Followed by Nanoflow Liquid Chromatography-High-Resolution Mass Spectrometry. ○
- 49 The circadian neurobiology of reward. ○
- 48 Multiomics integration reveals the effect of Orexin A on glioblastoma. 14, ○
- 47 Targeting Orexin Receptors for the Treatment of Insomnia: From Physiological Mechanisms to Current Clinical Evidence and Recommendations. Volume 15, 17-38 ○
- 46 Physiological Role of Orexin/Hypocretin in the Human Body in Motivated Behavior: A Comprehensive Review. **2023**, ○
- 45 Optogenetic and pharmacological interventions link hypocretin neurons to impulsivity in mice. **2023**, 6, ○

- 44 Nicotine suppresses central post-stroke pain via facilitation of descending noradrenergic neuron through activation of orexinergic neuron. **2023**, 943, 175518 ○
- 43 Synthesis and Characterization of Novel Radioiodinated Triazole-Pyrolidine Derivative to Detect Orexin 2 Receptor in the Brain. **2023**, 71, 234-239 ○
- 42 Immortal orexin cell transplants restore motor-arousal synchrony during cataplexy. **2023**, ○
- 41 Targeting orexin receptors: Recent advances in the development of subtype selective or dual ligands for the treatment of neuropsychiatric disorders. ○
- 40 The stress-induced antinociceptive responses to the persistent inflammatory pain involve the orexin receptors in the nucleus accumbens. **2023**, 98, 102323 ○
- 39 Design and Synthesis of Orexin 1 Receptor-Selective Agonists. ○
- 38 Brain-wide mapping of efferent projections of glutamatergic (Oxcut3 +) neurons in the lateral mouse hypothalamus. ○
- 37 Effects of light therapy on sleep/wakefulness, daily rhythms, and the central orexin system in a diurnal rodent model of seasonal affective disorder. **2023**, ○
- 36 CYP3A4 Catalyzes the Rearrangement of the Dual Orexin Receptor Antagonist Daridorexant to 4-Hydroxypiperidinol Metabolites. 1
- 35 Orexin A, an amphipathic helical neuropeptide involved in pleiotropic functions in the nervous and immune systems: Synthetic approach and biophysical studies of the membrane-bound state. **2023**, 297, 107007 ○
- 34 Orexin induces the production of an endocannabinoid-derived lysophosphatidic acid eliciting hypothalamic synaptic loss in obesity. **2023**, 72, 101713 ○
- 33 Inhibition of the retinal orexin receptors affects the hypothalamic-pituitary-gonadal axis through retinal pituitary adenylate cyclase activating polypeptide (PACAP) in male Wistar rats. **2023**, 337, 114242 ○
- 32 Localization and expression of Orexin B (OXB) and its type 2 receptor (OX2R) in mouse testis during postnatal development. **2023**, 164, 170979 ○
- 31 Orexin receptor antagonists in the pathophysiology and treatment of sleep disorders and epilepsy. **2023**, 99, 102335 ○
- 30 Safety and real-world efficacy of lemborexant in the treatment of comorbid insomnia. **2023**, 5, 100070 ○
- 29 Engagement of the brain orexin system in activity-based anorexia behaviour in mice. **2023**, 70, 63-71 ○
- 28 Internal and external modulation factors of the orexin system (REVIEW). **2023**, 165, 171009 ○
- 27 The role of orexin neuron activity in sleep/wakefulness regulation. **2023**, 165, 171007 ○

- 26 Peripheral vs. core body temperature as hypocretin/orexin neurons degenerate: Exercise mitigates increased heat loss. **2023**, 164, 171002
- 25 Design and synthesis of novel orexin 2 receptor agonists with a 1,3,5-trioxazatriquinane skeleton. **2023**, 82, 129151
- 24 Dual orexin/hypocretin receptor antagonism attenuates attentional impairments in an NMDA receptor hypofunction model of schizophrenia.
- 23 Current models of insomnia disorder: a theoretical review on the potential role of the orexinergic pathway with implications for insomnia treatment.
- 22 Core body temperature varies according to the time of exercise without affecting orexin-A production in the dorsolateral hypothalamus in rat. **2023**, 103522
- 21 The Metabolism of the Dual Orexin Receptor Antagonist Daridorexant. 1-37
- 20 Use of experimental medicine approaches for the development of novel psychiatric treatments based on orexin receptor modulation. **2023**, 147, 105107
- 19 The orexinergic system mediates the excitatory effects of caffeine on the arousal and sympathetic activity. **2023**, 9, e14170
- 18 Mu-opioid receptor-expressing neurons in the paraventricular thalamus modulate chronic morphine-induced wake alterations. **2023**, 13,
- 17 Contribution of the intra-hippocampal orexin system in the regulation of restraint stress response to pain-related behaviors in the formalin test.
- 16 Orexin system in buffalo ovarian follicles and effect of orexin on oestradiol production.
- 15 Melanin concentrating hormone and orexin shape social affective behavior via action in the insular cortex of rat.
- 14 Neural pathways from hypothalamic orexin neurons to the ventrolateral preoptic area mediate sleep impairments induced by conditioned fear. 17,
- 13 Regulatory effect of orexin system on various diseases through mTOR signaling pathway. **2023**, 34, 292-302
- 12 Eat, seek, rest? An orexin/hypocretin perspective.
- 11 Orexin 2 receptor-selective agonist danavorexton (TAK -925) promotes wakefulness in non-human primates and healthy individuals.
- 10 Neuropeptides in the Cerebellum. **2023**, 231-236
- 9 Cellular Localization of Orexin 1 Receptor in Human Hypothalamus and Morphological Analysis of Neurons Expressing the Receptor. **2023**, 13, 592

- 8 Targeting the orexin/hypocretin system for the treatment of neuropsychiatric and neurodegenerative diseases: From animal to clinical studies. **2023**, 69, 101066
- 7 Discovery of Small-Molecule Antagonists of Orexin 1/2 Receptors from Traditional Chinese Medicinal Plants with a Hypnotic Effect. **2023**, 16, 542
- 6 CO2 reactivity is associated with individual differences in appetitive extinction memory. **2023**, 266, 114183
- 5 The neural addiction of cancer.
- 4 Hormonal regulation of visfatin and adiponectin system in quail muscle cells. **2023**, 281, 111425
- 3 The orexin story and orexin receptor antagonists for the treatment of insomnia.
- 2 Bidirectional relationship between sleep and depression. **2023**,
- 1 The stress of losing sleep: Sex-specific neurobiological outcomes. **2023**, 24, 100543