Clifford B Saper

List of Publications by Year in Descending Order

254 papers	48,750 citations	107 h-index	220 g-index
307 ext. papers	53,081 ext. citations	8.1 avg, IF	7.56 L-index

#	Paper	IF	Citations
254	Chronic circadian disruption on a high-fat diet impairs glucose tolerance.. *Metabolism: Clinical and Experimental*, **2022**, 155158	12.7	1
253	The search for thermoregulatory neurons is heating up. *Cell Metabolism*, **2021**, 33, 1269-1271	24.6	0
252	The intermediate nucleus in humans: Cytoarchitecture, chemoarchitecture, and relation to sleep, sex, and Alzheimer disease. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2021**, 179, 461-469	3	0
251	Role of serotonergic dorsal raphe neurons in hypercapnia-induced arousals. *Nature Communications* , **2020**, 11, 2769	17.4	11
250	EP3R-Expressing Glutamatergic Preoptic Neurons Mediate Inflammatory Fever. *Journal of Neuroscience*, **2020**, 40, 2573-2588	6.6	24
249	Critical Dynamics and Coupling in Bursts of Cortical Rhythms Indicate Non-Homeostatic Mechanism for Sleep-Stage Transitions and Dual Role of VLPO Neurons in Both Sleep and Wake. *Journal of Neuroscience*, **2020**, 40, 171-190	6.6	21
248	Reply to "Medicare for All?". *Annals of Neurology*, **2020**, 87, 156	9.4	
247	Regulation of hippocampal dendritic spines following sleep deprivation. *Journal of Comparative Neurology*, **2020**, 528, 380-388	3.4	18
246	Symptomatic Hydrocephalus with Normal Cerebrospinal Pressure and Alzheimer's Disease. *Annals of Neurology*, **2020**, 88, 685-687	9.4	1
245	Neural Circuitry Underlying Waking Up to Hypercapnia. *Frontiers in Neuroscience*, **2019**, 13, 401	5.1	24
244	Reassessing the Role of Histaminergic Tuberomammillary Neurons in Arousal Control. *Journal of Neuroscience*, **2019**, 39, 8929-8939	6.6	14
243	A hypothalamic circuit for the circadian control of aggression. *Nature Neuroscience*, **2018**, 21, 717-724	25.5	77
242	Role of the median preoptic nucleus in the autonomic response to heat-exposure. *Temperature*, **2018**, 5, 4-6	5.2	8
241	A Glutamatergic Hypothalamomedullary Circuit Mediates Thermogenesis, but Not Heat Conservation, during Stress-Induced Hyperthermia. *Current Biology*, **2018**, 28, 2291-2301.e5	6.3	28
240	Brain Circuitry for Arousal from Apnea. *Cold Spring Harbor Symposia on Quantitative Biology*, **2018**, 83, 63-69	3.9	2
239	Galanin neurons in the ventrolateral preoptic area promote sleep and heat loss in mice. *Nature Communications*, **2018**, 9, 4129	17.4	101
238	Connectivity of sleep- and wake-promoting regions of the human hypothalamus observed during resting wakefulness. *Sleep*, **2018**, 41,	1.1	15

237	Wake-sleep circuitry: an overview. *Current Opinion in Neurobiology*, **2017**, 44, 186-192	7.6	185
236	A Genetically Defined Circuit for Arousal from Sleep during Hypercapnia. *Neuron*, **2017**, 96, 1153-1167.e5	13.9	72
235	Anatomy of the Mammalian Circadian System **2017**, 343-350.e4		4
234	Median preoptic glutamatergic neurons promote thermoregulatory heat loss and water consumption in mice. *Journal of Physiology*, **2017**, 595, 6569-6583	3.9	38
233	Introduction to the Topic **2017**, 3-4		
232	Is there even such a thing as "Idiopathic normal pressure hydrocephalus"?. *Annals of Neurology*, **2017**, 82, 514-515	9.4	20
231	A translational approach to capture gait signatures of neurological disorders in mice and humans. *Scientific Reports*, **2017**, 7, 3225	4.9	35
230	Supramammillary glutamate neurons are a key node of the arousal system. *Nature Communications*, **2017**, 8, 1405	17.4	79
229	A human brain network derived from coma-causing brainstem lesions. *Neurology*, **2016**, 87, 2427-2434	6.5	118
228	Prostaglandin-dependent modulation of dopaminergic neurotransmission elicits inflammation-induced aversion in mice. *Journal of Clinical Investigation*, **2016**, 126, 695-705	15.9	35
227	Commentary on: Efferent connections of the parabrachial nucleus in the rat. C.B. Saper and A.D. Loewy, Brain Research 197:291-317, 1980. *Brain Research*, **2016**, 1645, 15-7	3.7	15
226	Commentary on: Saper CB, Loewy AD, Swanson LW, Cowan WM. (1976) Direct hypothalamo-autonomic connections. Brain Research 117:305-312. *Brain Research*, **2016**, 1645, 12-4	3.7	7
225	The House Alarm. *Cell Metabolism*, **2016**, 23, 754-5	24.6	22
224	Melanin-concentrating hormone neurons specifically promote rapid eye movement sleep in mice. *Neuroscience*, **2016**, 336, 102-113	3.9	55
223	A Novel Population of Wake-Promoting GABAergic Neurons in the Ventral Lateral Hypothalamus. *Current Biology*, **2016**, 26, 2137-43	6.3	104
222	Reciprocal Control of Drinking Behavior by Median Preoptic Neurons in Mice. *Journal of Neuroscience*, **2016**, 36, 8228-37	6.6	53
221	Impaired circadian photosensitivity in mice lacking glutamate transmission from retinal melanopsin cells. *Journal of Biological Rhythms*, **2015**, 30, 35-41	3.2	19
220	Academic publishing, part III: how to write a research paper (so that it will be accepted) in a high-quality journal. *Annals of Neurology*, **2015**, 77, 8-12	9.4	6

219	Respiratory-related outputs of glutamatergic, hypercapnia-responsive parabrachial neurons in mice. *Journal of Comparative Neurology*, **2015**, 523, 907-20	3.4	64
218	Reply: To PMID 24942598. *Annals of Neurology*, **2015**, 77, 356	9.4	
217	Suprachiasmatic neuron numbers and rest-activity circadian rhythms in older humans. *Annals of Neurology*, **2015**, 78, 317-22	9.4	116
216	□Synuclein pathology accumulates in sacral spinal visceral sensory pathways. *Annals of Neurology*, **2015**, 78, 142-9	9.4	31
215	Projections from the subparaventricular zone define four channels of output from the circadian timing system. *Journal of Comparative Neurology*, **2015**, 523, 2714-37	3.4	68
214	Reply to letter. *Annals of Neurology*, **2015**, 77, 1083-4	9.4	
213	Anatomical Location of the Mesencephalic Locomotor Region and Its Possible Role in Locomotion, Posture, Cataplexy, and Parkinsonism. *Frontiers in Neurology*, **2015**, 6, 140	4.1	58
212	Central Autonomic System **2015**, 629-673		11
211	The roles of prostaglandin E2 and D2 in lipopolysaccharide-mediated changes in sleep. *Brain, Behavior, and Immunity*, **2015**, 47, 172-7	16.6	19
210	Clinical case conference: a 41-year-old woman with progressive weakness and sensory loss. *Annals of Neurology*, **2014**, 75, 9-19	9.4	3
209	Academic publishing, Part II: where to publish your work. *Annals of Neurology*, **2014**, 76, 1-4	9.4	3
208	What optogenetic stimulation is telling us (and failing to tell us) about fast neurotransmitters and neuromodulators in brain circuits for wake-sleep regulation. *Current Opinion in Neurobiology*, **2014**, 29, 165-71	7.6	41
207	Sleep is related to neuron numbers in the ventrolateral preoptic/intermediate nucleus in older adults with and without Alzheimer□s disease. *Brain*, **2014**, 137, 2847-61	11.2	104
206	The GABAergic parafacial zone is a medullary slow wave sleep-promoting center. *Nature Neuroscience*, **2014**, 17, 1217-24	25.5	191
205	Armodafinil-induced wakefulness in animals with ventrolateral preoptic lesions. *Nature and Science of Sleep*, **2014**, 6, 57-63	3.6	8
204	The hypothalamus. *Current Biology*, **2014**, 24, R1111-6	6.3	155
203	Academic publishing, part I: peering into the review process. *Annals of Neurology*, **2014**, 75, 175-7	9.4	1
202	Perspectives on the rapid eye movement sleep switch in rapid eye movement sleep behavior disorder. *Sleep Medicine*, **2013**, 14, 707-13	4.6	24

201	Emerging therapeutics in sleep. *Annals of Neurology*, **2013**, 74, 435-40	9.4	14
200	The central circadian timing system. *Current Opinion in Neurobiology*, **2013**, 23, 747-51	7.6	90
199	Glutamatergic signaling from the parabrachial nucleus plays a critical role in hypercapnic arousal. *Journal of Neuroscience*, **2013**, 33, 7627-40	6.6	153
198	The neurobiology of sleep. *CONTINUUM Lifelong Learning in Neurology*, **2013**, 19, 19-31	3	33
197	Efferent connections of the parvalbumin-positive (PV1) nucleus in the lateral hypothalamus of rodents. *Journal of Comparative Neurology*, **2013**, 521, Spc1-Spc1	3.4	
196	Efferent connections of the parvalbumin-positive (PV1) nucleus in the lateral hypothalamus of rodents. *Journal of Comparative Neurology*, **2013**, 521, 3133-53	3.4	18
195	Role of the medial prefrontal cortex in cataplexy. *Journal of Neuroscience*, **2013**, 33, 9743-51	6.6	68
194	The lateral hypothalamic parvalbumin-immunoreactive (PV1) nucleus in rodents. *Journal of Comparative Neurology*, **2012**, 520, 798-815	3.4	40
193	Neural circuitry engaged by prostaglandins during the sickness syndrome. *Nature Neuroscience*, **2012**, 15, 1088-95	25.5	172
192	A common polymorphism near PER1 and the timing of human behavioral rhythms. *Annals of Neurology*, **2012**, 72, 324-34	9.4	38
191	Metabolic effects of chronic sleep restriction in rats. *Sleep*, **2012**, 35, 1511-20	1.1	40
190	Spinal projections of the A5, A6 (locus coeruleus), and A7 noradrenergic cell groups in rats. *Journal of Comparative Neurology*, **2012**, 520, 1985-2001	3.4	99
189	Increased fragmentation of rest-activity patterns is associated with a characteristic pattern of cognitive impairment in older individuals. *Sleep*, **2012**, 35, 633-40B	1.1	61
188	Neuronal Mechanisms of REM Sleep and their Role in REM Sleep Behavior Disorder **2011**, 240-245		1
187	Genetic dissection of neural circuitry regulating behavioral state using conditional transgenics. *Sleep and Biological Rhythms*, **2011**, 9, 78-83	1.3	
186	The ventrolateral preoptic nucleus is not required for isoflurane general anesthesia. *Brain Research*, **2011**, 1426, 30-7	3.7	32
185	Reassessment of the structural basis of the ascending arousal system. *Journal of Comparative Neurology*, **2011**, 519, 933-56	3.4	335
184	Quantification of the fragmentation of rest-activity patterns in elderly individuals using a state transition analysis. *Sleep*, **2011**, 34, 1569-81	1.1	47

183	A neural mechanism for exacerbation of headache by light. *Nature Neuroscience*, **2010**, 13, 239-45	25.5	360
182	Locus ceruleus and anterior cingulate cortex sustain wakefulness in a novel environment. *Journal of Neuroscience*, **2010**, 30, 14543-51	6.6	110
181	The dance of the perivascular and endothelial cells: mechanisms of brain response to immune signaling. *Neuron*, **2010**, 65, 4-6	13.9	18
180	Sleep state switching. *Neuron*, **2010**, 68, 1023-42	13.9	897
179	Identifying the efferent projections of leptin-responsive neurons in the dorsomedial hypothalamus using a novel conditional tracing approach. *Journal of Comparative Neurology*, **2010**, 518, 2090-108	3.4	69
178	MR spectroscopy in translational neuroscience. *Journal of Comparative Neurology*, **2010**, 518, 4089-90	3.4	1
177	Standards of evidence in chronobiology: A response. *Journal of Circadian Rhythms*, **2009**, 7, 9	2.5	9
176	A guide to the perplexed on the specificity of antibodies. *Journal of Histochemistry and Cytochemistry*, **2009**, 57, 1-5	3.4	124
175	The agony of the ecstasy: serotonin and obstructive sleep apnea. *Neurology*, **2009**, 73, 1947-8	6.5	5
174	A proposal for a coordinated effort for the determination of brainwide neuroanatomical connectivity in model organisms at a mesoscopic scale. *PLoS Computational Biology*, **2009**, 5, e1000334	5	206
173	The Neuroscience Peer Review Consortium. *Neuroinformatics*, **2009**, 7, 89-91	3.2	0
172	Long-term synaptic plasticity is impaired in rats with lesions of the ventrolateral preoptic nucleus. *European Journal of Neuroscience*, **2009**, 30, 2112-20	3.5	14
171	The rostromedial tegmental nucleus (RMTg), a GABAergic afferent to midbrain dopamine neurons, encodes aversive stimuli and inhibits motor responses. *Neuron*, **2009**, 61, 786-800	13.9	452
170	Parallel preoptic pathways for thermoregulation. *Journal of Neuroscience*, **2009**, 29, 11954-64	6.6	125
169	COX2 in CNS neural cells mediates mechanical inflammatory pain hypersensitivity in mice. *Journal of Clinical Investigation*, **2009**, 119, 287-94	15.9	84
168	Neural circuitry of stress-induced insomnia in rats. *Journal of Neuroscience*, **2008**, 28, 10167-84	6.6	161
167	Prostaglandin E2 attenuates preoptic expression of GABAA receptors via EP3 receptors. *Journal of Biological Chemistry*, **2008**, 283, 11064-71	5.4	15
166	Differential rescue of light- and food-entrainable circadian rhythms. *Science*, **2008**, 320, 1074-7	33.3	206

165	Role of endogenous sleep-wake and analgesic systems in anesthesia. *Journal of Comparative Neurology*, **2008**, 508, 648-62	3.4	168
164	The pontine REM switch: past and present. *Journal of Physiology*, **2007**, 584, 735-41	3.9	153
163	EP3 prostaglandin receptors in the median preoptic nucleus are critical for fever responses. *Nature Neuroscience*, **2007**, 10, 1131-3	25.5	252
162	Is food-directed behavior an appropriate measure of circadian entrainment to restricted daytime feeding?. *Journal of Biological Rhythms*, **2007**, 22, 479-83	3.2	17
161	VISCERAL SENSATION AND VISCERAL SENSORY DISORDERS. *CONTINUUM Lifelong Learning in Neurology*, **2007**, 13, 204-214	3	
160	Expression of ghrelin receptor mRNA in the rat and the mouse brain. *Journal of Comparative Neurology*, **2006**, 494, 528-48	3.4	789
159	Biomedicine. Life, the universe, and body temperature. *Science*, **2006**, 314, 773-4	33.3	6
158	Identification of wake-active dopaminergic neurons in the ventral periaqueductal gray matter. *Journal of Neuroscience*, **2006**, 26, 193-202	6.6	332
157	Neurobiology of the sleep-wake cycle: sleep architecture, circadian regulation, and regulatory feedback. *Journal of Biological Rhythms*, **2006**, 21, 482-93	3.2	342
156	Staying awake for dinner: hypothalamic integration of sleep, feeding, and circadian rhythms. *Progress in Brain Research*, **2006**, 153, 243-52	2.9	133
155	No place for secrets in scientific research. *Nature*, **2006**, 442, 353	50.4	0
154	The dorsomedial hypothalamic nucleus is critical for the expression of food-entrainable circadian rhythms. *Nature Neuroscience*, **2006**, 9, 398-407	25.5	356
153	A putative flip-flop switch for control of REM sleep. *Nature*, **2006**, 441, 589-94	50.4	900
152	The hypothalamic integrator for circadian rhythms. *Trends in Neurosciences*, **2005**, 28, 152-7	13.3	414
151	Reduced density of cholinergic interneurons in the ventral striatum in schizophrenia: an in situ hybridization study. *Biological Psychiatry*, **2005**, 58, 408-16	7.9	55
150	Hypothalamic regulation of sleep and circadian rhythms. *Nature*, **2005**, 437, 1257-63	50.4	1864
149	Movement suppression during anesthesia: neural projections from the mesopontine tegmentum to areas involved in motor control. *Journal of Comparative Neurology*, **2005**, 489, 425-48	3.4	32
148	Homeostatic, circadian, and emotional regulation of sleep. *Journal of Comparative Neurology*, **2005**, 493, 92-8	3.4	281

147	Altered parvalbumin-positive neuron distribution in basal ganglia of individuals with Tourette syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 13307-12	11.5	406
146	Central neurogenic hyperventilation: a case report and discussion of pathophysiology. *Archives of Neurology*, **2005**, 62, 1632-4		33
145	Anatomy of the Mammalian Circadian System **2005**, 335-350		9
144	Central Autonomic System **2004**, 761-796		36
143	Ciliary neurotrophic factor and leptin induce distinct patterns of immediate early gene expression in the brain. *Diabetes*, **2004**, 53, 911-20	0.9	61
142	Lateral hypothalamic acetylcholinesterase-immunoreactive neurons co-express either orexin or melanin concentrating hormone. *Neuroscience Letters*, **2004**, 370, 123-6	3.3	15
141	Effects of lesions of the histaminergic tuberomammillary nucleus on spontaneous sleep in rats. *Sleep*, **2004**, 27, 1275-81	1.1	51
140	The alpha2-adrenoceptor agonist dexmedetomidine converges on an endogenous sleep-promoting pathway to exert its sedative effects. *Anesthesiology*, **2003**, 98, 428-36	4.3	584
139	Focal deletion of the adenosine A1 receptor in adult mice using an adeno-associated viral vector. *Journal of Neuroscience*, **2003**, 23, 5762-70	6.6	86
138	Critical role of dorsomedial hypothalamic nucleus in a wide range of behavioral circadian rhythms. *Journal of Neuroscience*, **2003**, 23, 10691-702	6.6	415
137	A broad role for melanopsin in nonvisual photoreception. *Journal of Neuroscience*, **2003**, 23, 7093-106	6.6	363
136	Contrasting effects of E type prostaglandin (EP) receptor agonists on core body temperature in rats. *Brain Research*, **2003**, 968, 256-62	3.7	43
135	Expression of melanocortin 4 receptor mRNA in the central nervous system of the rat. *Journal of Comparative Neurology*, **2003**, 457, 213-35	3.4	476
134	Specific roles of cyclooxygenase-1 and cyclooxygenase-2 in lipopolysaccharide-induced fever and Fos expression in rat brain. *Journal of Comparative Neurology*, **2003**, 463, 3-12	3.4	76
133	W. Maxwell Cowan, M.B.B.Ch., D. Phil. 1932–2002. *Journal of Comparative Neurology*, **2003**, 463, 1-1	3.4	
132	Characteristics of thermoregulatory and febrile responses in mice deficient in prostaglandin EP1 and EP3 receptors. *Journal of Physiology*, **2003**, 551, 945-54	3.9	131
131	Afferents to the ventrolateral preoptic nucleus. *Journal of Neuroscience*, **2002**, 22, 977-90	6.6	382
130	Selective activation of the extended ventrolateral preoptic nucleus during rapid eye movement sleep. *Journal of Neuroscience*, **2002**, 22, 4568-76	6.6	242

129	The central autonomic nervous system: conscious visceral perception and autonomic pattern generation. *Annual Review of Neuroscience*, **2002**, 25, 433-69	17	544
128	The need to feed: homeostatic and hedonic control of eating. *Neuron*, **2002**, 36, 199-211	13.9	860
127	Glucagon-like peptide-1 receptor stimulation increases blood pressure and heart rate and activates autonomic regulatory neurons. *Journal of Clinical Investigation*, **2002**, 110, 43-52	15.9	189
126	Fos expression in orexin neurons varies with behavioral state. *Journal of Neuroscience*, **2001**, 21, 1656-62	6.6	548
125	Characterization of CART neurons in the rat and human hypothalamus. *Journal of Comparative Neurology*, **2001**, 432, 1-19	3.4	336
124	Differential expression of orexin receptors 1 and 2 in the rat brain. *Journal of Comparative Neurology*, **2001**, 435, 6-25	3.4	1295
123	Melanopsin in cells of origin of the retinohypothalamic tract. *Nature Neuroscience*, **2001**, 4, 1165	25.5	385
122	Synaptic and morphological characteristics of temperature-sensitive and -insensitive rat hypothalamic neurones. *Journal of Physiology*, **2001**, 537, 521-35	3.9	50
121	The sleep switch: hypothalamic control of sleep and wakefulness. *Trends in Neurosciences*, **2001**, 24, 726-31	13.3	1260
120	Orexin (hypocretin) neurons contain dynorphin. *Journal of Neuroscience*, **2001**, 21, RC168	6.6	317
119	Pain as a visceral sensation. *Progress in Brain Research*, **2000**, 122, 237-43	2.9	22
118	Corrigendum. *Journal of Comparative Neurology*, **2000**, 419, 135	3.4	
117	Chemical characterization of leptin-activated neurons in the rat brain. *Journal of Comparative Neurology*, **2000**, 423, 261-281	3.4	322
116	Relationship of EP(1-4) prostaglandin receptors with rat hypothalamic cell groups involved in lipopolysaccharide fever responses. *Journal of Comparative Neurology*, **2000**, 428, 20-32	3.4	117
115	Leptin regulation of neuroendocrine systems. *Frontiers in Neuroendocrinology*, **2000**, 21, 263-307	8.9	561
114	Effect of lesions of the ventrolateral preoptic nucleus on NREM and REM sleep. *Journal of Neuroscience*, **2000**, 20, 3830-42	6.6	481
113	Lipopolysaccharide activates specific populations of hypothalamic and brainstem neurons that project to the spinal cord. *Journal of Neuroscience*, **2000**, 20, 6578-86	6.6	122
112	Hypothalamic arousal regions are activated during modafinil-induced wakefulness. *Journal of Neuroscience*, **2000**, 20, 8620-8	6.6	405

111	Hypothalamic connections with the cerebral cortex. *Progress in Brain Research*, **2000**, 126, 39-48	2.9	59
110	Minding the mind. *Progress in Brain Research*, **2000**, 122, 3-8	2.9	
109	Schizophrenic subjects show aberrant fMRI activation of dorsolateral prefrontal cortex and basal ganglia during working memory performance. *Biological Psychiatry*, **2000**, 48, 99-109	7.9	424
108	Chemical characterization of leptin-activated neurons in the rat brain **2000**, 423, 261		1
107	Relationship of EP1-4 prostaglandin receptors with rat hypothalamic cell groups involved in lipopolysaccharide fever responses **2000**, 428, 20		1
106	Localization of mu-opioid receptors on amygdaloid projection neurons in the parabrachial nucleus of the rat. *Brain Research*, **1999**, 827, 198-204	3.7	53
105	Chronic motor axonal neuropathy: pathological evidence of inflammatory polyradiculoneuropathy. *Muscle and Nerve*, **1999**, 22, 266-70	3.4	9
104	Past as prelude: The central nervous system of vertebrates. *Journal of Comparative Neurology*, **1999** , 410, 1-3	3.4	
103	From lesions to leptin: hypothalamic control of food intake and body weight. *Neuron*, **1999**, 22, 221-32	13.9	993
102	Leptin differentially regulates NPY and POMC neurons projecting to the lateral hypothalamic area. *Neuron*, **1999**, 23, 775-86	13.9	735
101	Narcolepsy in orexin knockout mice: molecular genetics of sleep regulation. *Cell*, **1999**, 98, 437-51	56.2	2624
100	Schizophrenic subjects activate dorsolateral prefrontal cortex during a working memory task, as measured by fMRI. *Biological Psychiatry*, **1999**, 45, 1128-37	7.9	324
99	Unraveling the central nervous system pathways underlying responses to leptin. *Nature Neuroscience*, **1998**, 1, 445-50	25.5	431
98	Vagus nerve stimulation. *Epilepsia*, **1998**, 39, 677-86	6.4	360
97	Neurobiological basis of fever. *Annals of the New York Academy of Sciences*, **1998**, 856, 90-4	6.5	76
96	Recombinant adeno-associated virus vector: use for transgene expression and anterograde tract tracing in the CNS. *Brain Research*, **1998**, 793, 169-75	3.7	193
95	Distributions of leptin receptor mRNA isoforms in the rat brain. *Journal of Comparative Neurology*, **1998**, 395, 535-547	3.4	867
94	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area. *Journal of Comparative Neurology*, **1998**, 402, 442-459	3.4	737

93	Leptin activates hypothalamic CART neurons projecting to the spinal cord. *Neuron*, **1998**, 21, 1375-85	13.9	662
92	Innervation of histaminergic tuberomammillary neurons by GABAergic and galaninergic neurons in the ventrolateral preoptic nucleus of the rat. *Journal of Neuroscience*, **1998**, 18, 4705-21	6.6	659
91	A brainstem network mediating apneic reflexes in the rat. *Journal of Neuroscience*, **1998**, 18, 6048-56	6.6	84
90	Microinjection of a cyclooxygenase inhibitor into the anteroventral preoptic region attenuates LPS fever. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1998**, 274, R783-9	3.2	59
89	Distributions of leptin receptor mRNA isoforms in the rat brain **1998**, 395, 535		2
88	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area **1998**, 402, 442		2
87	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area **1998**, 402, 442		1
86	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area **1998**, 402, 442		18
85	Leptin activates neurons in ventrobasal hypothalamus and brainstem. *Endocrinology*, **1997**, 138, 839-42	4.8	354
84	Mechanisms of CNS response to systemic immune challenge: the febrile response. *Trends in Neurosciences*, **1997**, 20, 565-70	13.3	280
83	Effects of sleep on wake-induced c-fos expression. *Journal of Neuroscience*, **1997**, 17, 9746-50	6.6	62
82	Passages: 1997. *Journal of Comparative Neurology*, **1997**, 377, 1-4	3.4	
81	Intravenous lipopolysaccharide induces cyclooxygenase 2-like immunoreactivity in rat brain perivascular microglia and meningeal macrophages. *Journal of Comparative Neurology*, **1997**, 381, 119-29	3.4	218
80	Neurochemical architecture of the human striatum. *Journal of Comparative Neurology*, **1997**, 384, 1-25	3.4	191
79	Connections of the hippocampal formation in humans: I. The mossy fiber pathway. *Journal of Comparative Neurology*, **1997**, 385, 325-51	3.4	50
78	Connections of the hippocampal formation in humans: II. The endfolial fiber pathway. *Journal of Comparative Neurology*, **1997**, 385, 352-371	3.4	36
77	Connections of the hippocampal formation in humans: II. The endfolial fiber pathway **1997**, 385, 352		1
76	Role of the cerebral cortex and striatum in emotional motor response. *Progress in Brain Research*, **1996**, 107, 537-50	2.9	20

75	Molecular evolution of tau protein: implications for Alzheimer's disease. *Journal of Neurochemistry*, **1996**, 67, 1622-32	6	48
74	Ventromedial preoptic prostaglandin E2 activates fever-producing autonomic pathways. *Journal of Neuroscience*, **1996**, 16, 6246-54	6.6	216
73	Expression of inducible cyclooxygenase mRNA in the mouse brain after systemic administration of bacterial lipopolysaccharide. *Brain Research*, **1996**, 713, 64-9	3.7	170
72	Special volume honoring Sanford L. Palay. *Journal of Comparative Neurology*, **1996**, 371, 1-178	3.4	3
71	Distribution of Fos-like immunoreactivity in the rat brain following intravenous lipopolysaccharide administration. *Journal of Comparative Neurology*, **1996**, 371, 85-103	3.4	271
70	Activation of neurons projecting to the paraventricular hypothalamic nucleus by intravenous lipopolysaccharide. *Journal of Comparative Neurology*, **1996**, 374, 315-31	3.4	131
69	The emotional motor system. *Progress in Brain Research*, **1996**, 107, 3-6	2.9	90
68	Any way you cut it: A new journal policy for the use of unbiased counting methods **1996**, 364, 5		7
67	Passages: 1994–1995. *Journal of Comparative Neurology*, **1995**, 351, 1-4	3.4	8
66	The spinoparabrachial pathway: shedding new light on an old path. *Journal of Comparative Neurology*, **1995**, 353, 477-9	3.4	61
65	Forward into our next century—A letter from the editor-in-chief to the readers of the Journal of Comparative Neurology. *Journal of Comparative Neurology*, **1994**, 339, 1-2	3.4	
64	Cholinergic innervation in the human hippocampal formation including the entorhinal cortex. *Journal of Comparative Neurology*, **1994**, 345, 321-44	3.4	62
63	Neuropeptide-immunoreactive neurons projecting to the paraventricular hypothalamic nucleus in the rat. *Journal of Comparative Neurology*, **1994**, 346, 137-50	3.4	122
62	Neurofibrillary tangles in the cerebral cortex of sheep. *Neuroscience Letters*, **1994**, 170, 187-90	3.3	71
61	The neurologic basis of fever. *New England Journal of Medicine*, **1994**, 330, 1880-6	59.2	284
60	Alz-50 immunohistochemistry in the normal sheep striatum: a light and electron microscope study. *Brain Research*, **1993**, 600, 285-97	3.7	32
59	Pathological changes in frontal cortex from biopsy to autopsy in Alzheimer's disease. *Neurobiology of Aging*, **1993**, 14, 589-96	5.6	60
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