

James M Krueger

List of Publications by Year in descending order

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213
papers

12,440
citations

15495

65
h-index

34964

98
g-index

214
all docs

214
docs citations

214
times ranked

6826
citing authors

#	ARTICLE	IF	CITATIONS
1	Local circuits: the fundamental minimal unit for emergent sleep. , 2023, , 373-380.		0
2	Night shift schedule alters endogenous regulation of circulating cytokines. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2021, 10, 100063.	1.4	20
3	A wake-like state in vitro induced by transmembrane TNF/soluble TNF receptor reverse signaling. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 245-258.	2.0	9
4	Sleep- and time of day-linked RNA transcript expression in wild-type and IL1 receptor accessory protein-null mice. <i>Journal of Applied Physiology</i> , 2020, 128, 1506-1522.	1.2	3
5	Sleep and circadian rhythms: Evolutionary entanglement and local regulation. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2020, 9, 100052.	1.4	12
6	Interleukin-1 receptor accessory proteins are required for normal homeostatic responses to sleep deprivation. <i>Journal of Applied Physiology</i> , 2019, 127, 770-780.	1.2	15
7	Local sleep. <i>Sleep Medicine Reviews</i> , 2019, 43, 14-21.	3.8	88
8	Hormones and Sleep. , 2019, , 641-645.		0
9	The neuron-specific interleukin-1 receptor accessory protein alters emergent network state properties in Vitro. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2019, 6, 35-43.	1.4	9
10	Tumor necrosis factor alpha in sleep regulation. <i>Sleep Medicine Reviews</i> , 2018, 40, 69-78.	3.8	84
11	Interleukin 37 expression in mice alters sleep responses to inflammatory agents and influenza virus infection. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 3, 1-9.	1.4	15
12	Sleep and Host Defense. , 2017, , 193-201.e5.		7
13	Microbial Products and Cytokines in Sleep and Fever Regulation. <i>Critical Reviews in Immunology</i> , 2017, 37, 291-315.	1.0	108
14	P2X7 receptors in body temperature, locomotor activity, and brain mRNA and lncRNA responses to sleep deprivation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1004-R1012.	0.9	14
15	Voluntary Sleep Loss in Rats. <i>Sleep</i> , 2016, 39, 1467-1479.	0.6	16
16	Sleep function: Toward elucidating an enigma. <i>Sleep Medicine Reviews</i> , 2016, 28, 46-54.	3.8	280
17	Sleep's Kernel: Surprisingly small sections of brain, and even neuronal and glial networks in a dish, display many electrical indicators of sleep. <i>Scientist</i> , 2016, 30, 36-41.	2.0	5
18	Sleep Deprivation and Time-on-Task Performance Decrement in the Rat Psychomotor Vigilance Task. <i>Sleep</i> , 2015, 38, 445-451.	0.6	19

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19	Tumor necrosis factor enhances the sleep-like state and electrical stimulation induces a wake-like state in co-cultures of neurons and glia. <i>European Journal of Neuroscience</i> , 2015, 42, 2078-2090.	1.2	46
20	The neuron-specific interleukin-1 receptor accessory protein is required for homeostatic sleep and sleep responses to influenza viral challenge in mice. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 35-43.	2.0	30
21	Sleep and immunity: A growing field with clinical impact. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 1-3.	2.0	89
22	Sickness behaviour after lipopolysaccharide treatment in ghrelin deficient mice. <i>Brain, Behavior, and Immunity</i> , 2014, 36, 200-206.	2.0	24
23	Sleep and immune function: glial contributions and consequences of aging. <i>Current Opinion in Neurobiology</i> , 2013, 23, 806-811.	2.0	82
24	Sleep: a synchrony of cell activity-driven small network states. <i>European Journal of Neuroscience</i> , 2013, 38, 2199-2209.	1.2	83
25	Vagotomy Attenuates Brain Cytokines and Sleep Induced by Peripherally Administered Tumor Necrosis Factor- α and Lipopolysaccharide in Mice. <i>Sleep</i> , 2013, 36, 1227-1238.	0.6	66
26	Olfactory Bulb and Hypothalamic Acute-Phase Responses to Influenza Virus: Effects of Immunization. <i>NeuroImmunoModulation</i> , 2013, 20, 323-333.	0.9	12
27	Brain-specific interleukin-1 receptor accessory protein in sleep regulation. <i>Journal of Applied Physiology</i> , 2012, 112, 1015-1022.	1.2	28
28	MicroRNA 138, let-7b, and 125a inhibitors differentially alter sleep and EEG delta-wave activity in rats. <i>Journal of Applied Physiology</i> , 2012, 113, 1756-1762.	1.2	36
29	Humoral Sleep Regulation; Interleukin-1 and Tumor Necrosis Factor. <i>Vitamins and Hormones</i> , 2012, 89, 241-257.	0.7	63
30	Sleep and Cytokines. <i>Sleep Medicine Clinics</i> , 2012, 7, 517-527.	1.2	30
31	Influenza virus pathophysiology and brain invasion in mice with functional and dysfunctional Mx1 genes. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 83-89.	2.0	12
32	Inflammation and Sleep. , 2012, , 607-616.		4
33	5 α - β -Ectonucleotidase-knockout mice lack non-REM sleep responses to sleep deprivation. <i>European Journal of Neuroscience</i> , 2012, 35, 1789-1798.	1.2	33
34	TRANSLATION OF BRAIN ACTIVITY INTO SLEEP. <i>Hirosaki Medical Journal</i> , 2012, 63, S1-S16.	1.0	4
35	Cytokines in immune function and sleep regulation. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2011, 98, 229-240.	1.0	93
36	Editorial [Hot Topic: Local Use-Dependent Sleep (Guest Editors: J.M. Krueger & J.P. Wisor)]. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2390-2391.	1.0	7

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37	Sleep and innate immunity. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 632-642.	0.8	93
38	Biochemical Regulation of Sleep and Sleep Biomarkers. <i>Journal of Clinical Sleep Medicine</i> , 2011, 7, S38-42.	1.4	119
39	The ATP-cytokine-adenosine hypothesis: How the brain translates past activity into sleep. <i>Sleep and Biological Rhythms</i> , 2011, 9, 29-33.	0.5	3
40	Energy homeostasis regulatory peptides in hibernating grizzly bears. <i>General and Comparative Endocrinology</i> , 2011, 172, 181-183.	0.8	15
41	Sleep loss alters synaptic and intrinsic neuronal properties in mouse prefrontal cortex. <i>Brain Research</i> , 2011, 1420, 1-7.	1.1	36
42	Acute Cocaine Increases Interleukin-1 β mRNA and Immunoreactive Cells in the Cortex and Nucleus Accumbens. <i>Neurochemical Research</i> , 2011, 36, 686-692.	1.6	28
43	Involvement of cytokines in slow wave sleep. <i>Progress in Brain Research</i> , 2011, 193, 39-47.	0.9	107
44	MicroRNA 132 alters sleep and varies with time in brain. <i>Journal of Applied Physiology</i> , 2011, 111, 665-672.	1.2	38
45	Sleep and Host Defense. , 2011, , 281-290.		1
46	A Local, Bottom-Up Perspective on Sleep Deprivation and Neurobehavioral Performance. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2414-2422.	1.0	93
47	Local Use-Dependent Sleep; Synthesis of the New Paradigm. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2490-2492.	1.0	83
48	Delta Wave Power: An Independent Sleep Phenotype or Epiphenomenon?. <i>Journal of Clinical Sleep Medicine</i> , 2011, 7, S16-8.	1.4	77
49	Whisker stimulation increases expression of nerve growth factor- and interleukin-1 β -immunoreactivity in the rat somatosensory cortex. <i>Brain Research</i> , 2010, 1333, 48-56.	1.1	39
50	Time of day differences in the number of cytokine-, neurotrophin- and NeuN-immunoreactive cells in the rat somatosensory or visual cortex. <i>Brain Research</i> , 2010, 1337, 32-40.	1.1	15
51	Localized Suppression of Cortical Growth Hormone-Releasing Hormone Receptors State-Specifically Attenuates Electroencephalographic Delta Waves. <i>Journal of Neuroscience</i> , 2010, 30, 4151-4159.	1.7	26
52	Restricted feeding-induced sleep, activity, and body temperature changes in normal and preproghrelin-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R467-R477.	0.9	81
53	ATP and the purine type 2 X7 receptor affect sleep. <i>Journal of Applied Physiology</i> , 2010, 109, 1318-1327.	1.2	80
54	The olfactory nerve has a role in the body temperature and brain cytokine responses to influenza virus. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 281-288.	2.0	21

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55	Attenuation of the influenza virus sickness behavior in mice deficient in Toll-like receptor 3. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 306-315.	2.0	33
56	The preproghrelin gene is required for the normal integration of thermoregulation and sleep in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14069-14074.	3.3	71
57	The anterolateral projections of the medial basal hypothalamus affect sleep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1228-R1238.	0.9	5
58	Influenza virus- and cytokine-immunoreactive cells in the murine olfactory and central autonomic nervous systems before and after illness onset. <i>Journal of Neuroimmunology</i> , 2009, 211, 73-83.	1.1	30
59	IL-6-trans-signalling increases rapid-eye-movement sleep in rats. <i>European Journal of Pharmacology</i> , 2009, 613, 141-145.	1.7	11
60	Physiological markers of local sleep. <i>European Journal of Neuroscience</i> , 2009, 29, 1771-1778.	1.2	86
61	A network model for activity-dependent sleep regulation. <i>Journal of Theoretical Biology</i> , 2008, 253, 462-468.	0.8	59
62	Sleep as a fundamental property of neuronal assemblies. <i>Nature Reviews Neuroscience</i> , 2008, 9, 910-919.	4.9	520
63	Cytokine mRNA induction by interleukin-1 β or tumor necrosis factor α in vitro and in vivo. <i>Brain Research</i> , 2008, 1226, 89-98.	1.1	27
64	Cytokines and Sleep. <i>NeuroImmune Biology</i> , 2008, 6, 213-240.	0.2	2
65	Spontaneous and influenza virus-induced sleep are altered in TNF- α double-receptor deficient mice. <i>Journal of Applied Physiology</i> , 2008, 105, 1187-1198.	1.2	67
66	A network model for activity-dependent sleep regulation. , 2008, , .		0
67	The Role of Cytokines in Sleep Regulation. <i>Current Pharmaceutical Design</i> , 2008, 14, 3408-3416.	0.9	386
68	Circadian desynchronization of core body temperature and sleep stages in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7634-7639.	3.3	97
69	Spontaneous sleep and homeostatic sleep regulation in ghrelin knockout mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R510-R517.	0.9	39
70	Ghrelin microinjection into forebrain sites induces wakefulness and feeding in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R575-R585.	0.9	107
71	Influenza virus-induced glucocorticoid and hypothalamic and lung cytokine mRNA responses in dwarf lit/lit mice. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 60-67.	2.0	22
72	Interferon type I receptor-deficient mice have altered disease symptoms in response to influenza virus. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 311-322.	2.0	18

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73	Sleep loss changes microRNA levels in the brain: A possible mechanism for state-dependent translational regulation. <i>Neuroscience Letters</i> , 2007, 422, 68-73.	1.0	68
74	Sleep and Cytokines. <i>Sleep Medicine Clinics</i> , 2007, 2, 161-169.	1.2	100
75	Growth hormone-releasing hormone: cerebral cortical sleep-related EEG actions and expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R922-R930.	0.9	19
76	Unilateral cortical application of interleukin-1 β (IL1 β) induces asymmetry in fos, IL1 β and nerve growth factor immunoreactivity: Implications for sleep regulation. <i>Brain Research</i> , 2007, 1131, 44-59.	1.1	39
77	TNF α siRNA reduces brain TNF and EEG delta wave activity in rats. <i>Brain Research</i> , 2007, 1156, 125-132.	1.1	54
78	Detection of mouse-adapted human influenza virus in the olfactory bulbs of mice within hours after intranasal infection. <i>Journal of NeuroVirology</i> , 2007, 13, 399-409.	1.0	54
79	Sleep and body temperature responses in an acute viral infection model are altered in interferon type I receptor-deficient mice. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 290-299.	2.0	18
80	Platelet activating factor and its metabolite promote sleep in rabbits. <i>Neuroscience Letters</i> , 2006, 394, 233-238.	1.0	3
81	Obestatin alters sleep in rats. <i>Neuroscience Letters</i> , 2006, 404, 222-226.	1.0	100
82	The somatotrophic axis in sleep and thermoregulation: A tribute to Ferenc ObÃ©l, Jr. (1948â€“2004). <i>Journal of Thermal Biology</i> , 2006, 31, 30-39.	1.1	4
83	Chrelin-induced sleep responses in ad libitum fed and food-restricted rats. <i>Brain Research</i> , 2006, 1088, 131-140.	1.1	77
84	Sleep in spontaneous dwarf rats. <i>Brain Research</i> , 2006, 1108, 133-146.	1.1	9
85	Brain distribution of cytokine mRNA induced by systemic administration of interleukin-1 β or tumor necrosis factor α . <i>Brain Research</i> , 2006, 1120, 64-73.	1.1	71
86	Sleep disturbances in the rotenone animal model of Parkinson disease. <i>Brain Research</i> , 2005, 1042, 160-168.	1.1	38
87	Glutamate induces the expression and release of tumor necrosis factor- α in cultured hypothalamic cells. <i>Brain Research</i> , 2005, 1053, 54-61.	1.1	30
88	Unilateral cortical application of tumor necrosis factor α induces asymmetry in Fos- and interleukin-1 β -immunoreactive cells within the corticothalamic projection. <i>Brain Research</i> , 2005, 1055, 15-24.	1.1	30
89	Interleukin-1 β has a Role in Cerebral Cortical State-Dependent Electroencephalographic Slow-Wave Activity. <i>Sleep</i> , 2005, 28, 177-186.	0.6	63
90	Sleep and the Immune Response. , 2005, , 767-772.		1

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91	State-dependent effects of light-dark cycle on somatosensory and visual cortex EEG in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1083-R1089.	0.9	32
92	Rapid Eye Movement Sleep Is Reduced in Prolactin-Deficient Mice. Journal of Neuroscience, 2005, 25, 10282-10289.	1.7	41
93	Interleukin-1 β induces CREB-binding protein (CBP) mRNA in brain and the sequencing of rat CBP. Molecular Brain Research, 2005, 137, 213-222.	2.5	4
94	Links between the innate immune system and sleep. Journal of Allergy and Clinical Immunology, 2005, 116, 1188-1198.	1.5	244
95	Host Defense. , 2005, , 256-265.		2
96	HUMORAL MECHANISMS OF SLEEP. , 2005, , 23-43.		4
97	Influenza virus-induced sleep responses in mice with targeted disruptions in neuronal or inducible nitric oxide synthases. Journal of Applied Physiology, 2004, 97, 17-28.	1.2	33
98	Interleukin-8 promotes non-rapid eye movement sleep in rabbits and rats. Journal of Sleep Research, 2004, 13, 55-61.	1.7	19
99	Sleep deprivation increases the activation of nuclear factor kappa B in lateral hypothalamic cells. Brain Research, 2004, 1004, 91-97.	1.1	52
100	State-specific asymmetries in EEG slow wave activity induced by local application of TNF α . Brain Research, 2004, 1009, 129-136.	1.1	88
101	The role of nitric oxide synthases in the sleep responses to tumor necrosis factor- α . Brain, Behavior, and Immunity, 2004, 18, 390-398.	2.0	25
102	GHRH and sleep. Sleep Medicine Reviews, 2004, 8, 367-377.	3.8	146
103	Homer1a and 1bc levels in the rat somatosensory cortex vary with the time of day and sleep loss. Neuroscience Letters, 2004, 367, 105-108.	1.0	45
104	Intratracheal double-stranded RNA plus interferon- β : A model for analysis of the acute phase response to respiratory viral infections. Life Sciences, 2004, 74, 2563-2576.	2.0	76
105	Different brain structures mediate drinking and sleep suppression elicited by the somatostatin analog, octreotide, in rats. Brain Research, 2003, 994, 115-123.	1.1	18
106	Spontaneous sleep in mice with targeted disruptions of neuronal or inducible nitric oxide synthase genes. Brain Research, 2003, 973, 214-222.	1.1	73
107	Tumor necrosis factor α increases cytosolic calcium responses to AMPA and KCl in primary cultures of rat hippocampal neurons. Brain Research, 2003, 981, 133-142.	1.1	69
108	Humoral Links between Sleep and the Immune System. Annals of the New York Academy of Sciences, 2003, 992, 9-20.	1.8	145

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109	Time of day differences in IL1 β and TNF α mRNA levels in specific regions of the rat brain. <i>Neuroscience Letters</i> , 2003, 352, 61-63.	1.0	51
110	Neurotrophins 3 and 4 enhance non-rapid eye movement sleep in rabbits. <i>Neuroscience Letters</i> , 2003, 346, 161-164.	1.0	15
111	Intracerebroventricular injection of erythropoietin enhances sleep in the rat. <i>Brain Research Bulletin</i> , 2003, 61, 541-546.	1.4	6
112	Sleep in host defense. <i>Brain, Behavior, and Immunity</i> , 2003, 17, 41-47.	2.0	56
113	Sleep in mice with nonfunctional growth hormone-releasing hormone receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R131-R139.	0.9	104
114	Sleep function. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d511-519.	3.0	94
115	Alterations in EEG activity and sleep after influenza viral infection in GHRH receptor-deficient mice. <i>Journal of Applied Physiology</i> , 2003, 95, 460-468.	1.2	23
116	A cyclooxygenase-2 inhibitor attenuates spontaneous and TNF α -induced non-rapid eye movement sleep in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R99-R109.	0.9	23
117	Biochemical regulation of non-rapid-eye-movement sleep. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d520-550.	3.0	279
118	Cytokines and Sleep Regulation. <i>Neurobiological Foundation of Aberrant Behaviors</i> , 2003, , 147-165.	0.2	5
119	Intraneoptotic microinjection of TNF α enhances non-REM sleep in rats. <i>Brain Research</i> , 2002, 932, 37-44.	1.1	84
120	GHRH and IL1 β increase cytoplasmic Ca ²⁺ levels in cultured hypothalamic GABAergic neurons. <i>Brain Research</i> , 2002, 949, 209-212.	1.1	71
121	Diurnal Effects of Acute and Chronic Administration of Ethanol on Sleep in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1153-1161.	1.4	44
122	THE CLONING OF A RAT PEPTIDOGLYCAN RECOGNITION PROTEIN (PGRP) AND ITS INDUCTION IN BRAIN BY SLEEP DEPRIVATION. <i>Cytokine</i> , 2001, 13, 8-17.	1.4	46
123	What exactly is it that sleeps? The evolution, regulation, and organization of an emergent network property. , 2001, , 86-106.		0
124	Interleukin-15 and interleukin-2 enhance non-REM sleep in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1004-R1012.	0.9	42
125	Sleep Modifies Glutamate Decarboxylase mRNA Within the Barrel Cortex of Rats After a Mystacial Whisker Trim. <i>Sleep</i> , 2001, 24, 261-266.	0.6	10
126	Glial cell line-derived neurotrophic factor promotes sleep in rats and rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1001-R1006.	0.9	13

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127	Vagotomy attenuates tumor necrosis factor- α -induced sleep and EEG δ -activity in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1213-R1220.	0.9	40
128	Interleukin-18 promotes sleep in rabbits and rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R828-R838.	0.9	52
129	Deficiency of Growth Hormone-Releasing Hormone Signaling Is Associated with Sleep Alterations in the Dwarf Rat. Journal of Neuroscience, 2001, 21, 2912-2918.	1.7	59
130	Tumor necrosis factor receptor fragment attenuates interferon- β -induced non-REM sleep in rabbits. Journal of Neuroimmunology, 2001, 119, 192-198.	1.1	27
131	Sleep deprivation but not a whisker trim increases nerve growth factor within barrel cortical neurons. Brain Research, 2001, 898, 105-112.	1.1	49
132	The Role of Cytokines in Physiological Sleep Regulation. Annals of the New York Academy of Sciences, 2001, 933, 211-221.	1.8	337
133	Interleukin-13 and transforming growth factor- β 1 inhibit spontaneous sleep in rabbits. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R786-R792.	0.9	29
134	Nuclear factor- κ B inhibitor peptide inhibits spontaneous and interleukin-1 β -induced sleep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R404-R413.	0.9	74
135	Somnogenic relationships between tumor necrosis factor and interleukin-1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1132-R1140.	0.9	46
136	Nuclear factor- κ B-like activity increases in murine cerebral cortex after sleep deprivation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1812-R1818.	0.9	52
137	Intracerebral Microinjection of GHRH or Its Antagonist Alters Sleep in Rats. Journal of Neuroscience, 1999, 19, 2187-2194.	1.7	173
138	Brain-derived neurotrophic factor enhances spontaneous sleep in rats and rabbits. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1334-R1338.	0.9	61
139	Interleukin-10 Inhibits Spontaneous Sleep in Rabbits. Journal of Interferon and Cytokine Research, 1999, 19, 1025-1030.	0.5	48
140	Synthetic influenza viral double-stranded RNA induces an acute-phase response in rabbits. Journal of Medical Virology, 1999, 57, 198-203.	2.5	23
141	Why we sleep: a theoretical view of sleep function. Sleep Medicine Reviews, 1999, 3, 119-129.	3.8	94
142	Nerve growth factor enhances sleep in rabbits. Neuroscience Letters, 1999, 264, 149-152.	1.0	36
143	Food Restriction Alters the Diurnal Distribution of Sleep in Rats. Physiology and Behavior, 1999, 67, 697-703.	1.0	49
144	Sleep: A Physiologic Role for IL-1 β and TNF- α . Annals of the New York Academy of Sciences, 1998, 856, 148-159.	1.8	178

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145	An interleukin-1 receptor fragment blocks ambient temperature-induced increases in brain temperature but not sleep in rabbits. <i>Neuroscience Letters</i> , 1998, 244, 125-128.	1.0	3
146	Oxidized Glutathione Promotes Sleep in Rabbits. <i>Brain Research Bulletin</i> , 1998, 45, 545-548.	1.4	18
147	Subdiaphragmatic vagotomy does not block sleep deprivation-induced sleep in rats. <i>Physiology and Behavior</i> , 1998, 64, 361-365.	1.0	6
148	Animal Models of Sleep. <i>Journal of Musculoskeletal Pain</i> , 1998, 6, 87-92.	0.3	0
149	Sleep-Associated Changes in Interleukin-1 β mRNA in the Brain. <i>Journal of Interferon and Cytokine Research</i> , 1998, 18, 793-798.	0.5	72
150	Vagotomy Blocks the Induction of Interleukin-1 β (IL-1 β) mRNA in the Brain of Rats in Response to Systemic IL-1 β . <i>Journal of Neuroscience</i> , 1998, 18, 2247-2253.	1.7	187
151	Cafeteria diet-induced sleep is blocked by subdiaphragmatic vagotomy in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R168-R174.	0.9	28
152	Vagotomy attenuates but does not prevent the somnogenic and febrile effects of lipopolysaccharide in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R406-R411.	0.9	35
153	Effects of interleukin-1 β on sleep are mediated by the type I receptor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R655-R660.	0.9	104
154	Interleukin-4 inhibits spontaneous sleep in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1185-R1191.	0.9	27
155	Sleep deprivation increases rat hypothalamic growth hormone-releasing hormone mRNA. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1755-R1761.	0.9	14
156	Humoral Regulation of Sleep. <i>Physiology</i> , 1998, 13, 189-194.	1.6	24
157	Cafeteria feeding induces interleukin-1 β mRNA expression in rat liver and brain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R1734-R1739.	0.9	22
158	Epidermal growth factor enhances spontaneous sleep in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R509-R514.	0.9	35
159	Diurnal Variations of Tumor Necrosis Factor Alpha mRNA and Alpha-Tubulin mRNA in Rat Brain. <i>NeuroImmunoModulation</i> , 1997, 4, 84-90.	0.9	102
160	Diurnal variation of TNF α in the rat brain. <i>NeuroReport</i> , 1997, 8, 915-918.	0.6	131
161	Diurnal variations of interleukin-1 β mRNA and β -actin mRNA in rat brain. <i>Journal of Neuroimmunology</i> , 1997, 75, 69-74.	1.1	126
162	Antiserum to Growth Hormone Decreases Sleep in the Rat. <i>Neuroendocrinology</i> , 1997, 66, 9-16.	1.2	38

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163	Subdiaphragmatic vagotomy blocks the sleep and fever-promoting effects of interleukin-1 β . American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1246-R1253.	0.9	62
164	Mice Lacking the TNF 55 kDa Receptor Fail to Sleep More After TNF α Treatment. Journal of Neuroscience, 1997, 17, 5949-5955.	1.7	188
165	Thermoregulation and Sleep.. Annals of the New York Academy of Sciences, 1997, 813, 281-286.	1.8	51
166	The inhibitory effects of N omega-nitro-L-arginine methyl ester on nitric oxide synthase activity vary among brain regions in vivo but not in vitro. Neurochemical Research, 1997, 22, 81-86.	1.6	31
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