

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	Sleep as a fundamental property of neuronal assemblies. <i>Nature Reviews Neuroscience</i> , 2008, 9, 910-919.	4.9	520
2	The Role of Cytokines in Sleep Regulation. <i>Current Pharmaceutical Design</i> , 2008, 14, 3408-3416.	0.9	386
3	The Role of Cytokines in Physiological Sleep Regulation. <i>Annals of the New York Academy of Sciences</i> , 2001, 933, 211-221.	1.8	337
4	A neuronal group theory of sleep function. <i>Journal of Sleep Research</i> , 1993, 2, 63-69.	1.7	292
5	Sleep function: Toward elucidating an enigma. <i>Sleep Medicine Reviews</i> , 2016, 28, 46-54.	3.8	280
6	Biochemical regulation of non-rapid-eye-movement sleep. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d520-550.	3.0	279
7	Links between the innate immune system and sleep. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1188-1198.	1.5	244
8	Microbial Products and Cytokines in Sleep and Fever Regulation. <i>Critical Reviews in Immunology</i> , 1994, 14, 355-379.	1.0	189
9	Mice Lacking the TNF 55 kDa Receptor Fail to Sleep More After TNF Treatment. <i>Journal of Neuroscience</i> , 1997, 17, 5949-5955.	1.7	188
10	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
11	Sleep: A Physiologic Role for IL-1 β and TNF α . <i>Annals of the New York Academy of Sciences</i> , 1998, 856, 148-159.	1.8	178
12	Intracerebral Microinjection of GHRH or Its Antagonist Alters Sleep in Rats. <i>Journal of Neuroscience</i> , 1999, 19, 2187-2194.	1.7	173
13	Prolactin, vasoactive intestinal peptide, and peptide histidine methionine elicit selective increases in REM sleep in rabbits. <i>Brain Research</i> , 1989, 490, 292-300.	1.1	155
14	GHRH and sleep. <i>Sleep Medicine Reviews</i> , 2004, 8, 367-377.	3.8	146
15	Humoral Links between Sleep and the Immune System. <i>Annals of the New York Academy of Sciences</i> , 2003, 992, 9-20.	1.8	145
16	Diurnal variation of TNF α in the rat brain. <i>NeuroReport</i> , 1997, 8, 915-918.	0.6	131
17	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
18	Inhibition of nitric oxide synthesis inhibits rat sleep. <i>Brain Research</i> , 1994, 664, 189-196.	1.1	124

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19	Sleep as a Prognostic Indicator During Infectious Disease in Rabbits. <i>Experimental Biology and Medicine</i> , 1993, 203, 179-192.	1.1	120
20	Biochemical Regulation of Sleep and Sleep Biomarkers. <i>Journal of Clinical Sleep Medicine</i> , 2011, 7, S38-42.	1.4	119
21	Brain organization and sleep function. <i>Behavioural Brain Research</i> , 1995, 69, 177-185.	1.2	111
22	Microbial Products and Cytokines in Sleep and Fever Regulation. <i>Critical Reviews in Immunology</i> , 2017, 37, 291-315.	1.0	108
23	Chrelin 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
24	Involvement of cytokines in slow wave sleep. <i>Progress in Brain Research</i> , 2011, 193, 39-47.	0.9	107
25	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
26	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
27	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
28	The effects of immunolesions of nerve growth factor-receptive neurons by 192 IgG-saporin on sleep. <i>Brain Research</i> , 1996, 712, 53-59.	1.1	100
29	Obestatin alters sleep in rats. <i>Neuroscience Letters</i> , 2006, 404, 222-226.	1.0	100
30	Sleep and Cytokines. <i>Sleep Medicine Clinics</i> , 2007, 2, 161-169.	1.2	100
31	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
32	Why we sleep: a theoretical view of sleep function. <i>Sleep Medicine Reviews</i> , 1999, 3, 119-129.	3.8	94
33	Sleep function. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d511-519.	3.0	94
34	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
35	Sleep and innate immunity. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 632-642.	0.8	93
36	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

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37	Sleep and immunity: A growing field with clinical impact. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 1-3.	2.0	89
38	State-specific asymmetries in EEG slow wave activity induced by local application of TNF α . <i>Brain Research</i> , 2004, 1009, 129-136.	1.1	88
39	Local sleep. <i>Sleep Medicine Reviews</i> , 2019, 43, 14-21.	3.8	88
40	Cytokines in sleep regulation. <i>Advances in Neuroimmunology</i> , 1995, 5, 171-188.	1.8	86
41	Physiological markers of local sleep. <i>European Journal of Neuroscience</i> , 2009, 29, 1771-1778.	1.2	86
42	Interferon alpha-2 enhances slow-wave sleep in rabbits. <i>International Journal of Immunopharmacology</i> , 1987, 9, 23-30.	1.1	85
43	Intracerebral microinjection of TNF α enhances non-REM sleep in rats. <i>Brain Research</i> , 2002, 932, 37-44.	1.1	84
44	Tumor necrosis factor alpha in sleep regulation. <i>Sleep Medicine Reviews</i> , 2018, 40, 69-78.	3.8	84
45	Growth hormone-releasing hormone and interleukin-1 in sleep regulation. <i>FASEB Journal</i> , 1993, 7, 645-652.	0.2	83
46	Sleep: a synchrony of cell activity-driven small network states. <i>European Journal of Neuroscience</i> , 2013, 38, 2199-2209.	1.2	83
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	Sleep and immune function: glial contributions and consequences of aging. <i>Current Opinion in Neurobiology</i> , 2013, 23, 806-811.	2.0	82
49	Interleukin-1 is involved in responses to sleep deprivation in the rabbit. <i>Brain Research</i> , 1994, 639, 57-65.	1.1	81
50	Nitric Oxide Donors SIN-1 and SNAP Promote Nonrapid-Eye-Movement Sleep in Rats. <i>Brain Research Bulletin</i> , 1996, 41, 293-298.	1.4	81
51	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
52	Effects of microbial challenge on sleep in rabbits. <i>FASEB Journal</i> , 1989, 3, 2062-2066.	0.2	80
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	Ghrelin-induced sleep responses in ad libitum fed and food-restricted rats. <i>Brain Research</i> , 2006, 1088, 131-140.	1.1	77

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55	Delta Wave Power: An Independent Sleep Phenotype or Epiphenomenon?. <i>Journal of Clinical Sleep Medicine</i> , 2011, 7, S16-8.	1.4	77
56	Intratracheal double-stranded RNA plus interferon- β : A model for analysis of the acute phase response to respiratory viral infections. <i>Life Sciences</i> , 2004, 74, 2563-2576.	2.0	76
57	Nuclear factor- κ B inhibitor peptide inhibits spontaneous and interleukin-1 β -induced sleep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R404-R413.	0.9	74
58	Spontaneous sleep in mice with targeted disruptions of neuronal or inducible nitric oxide synthase genes. <i>Brain Research</i> , 2003, 973, 214-222.	1.1	73
59	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
60	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
61	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
62	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
63	Sleep and the Immune Response. <i>Annals of the New York Academy of Sciences</i> , 1987, 496, 510-516.	1.8	70
64	Somnogenic activity of immune response modifiers. <i>Trends in Pharmacological Sciences</i> , 1990, 11, 122-126.	4.0	69
65	Tumor necrosis factor α increases cytosolic calcium responses to AMPA and KCl in primary cultures of rat hippocampal neurons. <i>Brain Research</i> , 2003, 981, 133-142.	1.1	69
66	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
67	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
68	Inhibition of tumor necrosis factor attenuates physiological sleep in rabbits. <i>NeuroReport</i> , 1996, 7, 642-646.	0.6	66
69	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
70	Microinjection of interleukin-1 into brain: Separation of sleep and fever responses. <i>Physiology and Behavior</i> , 1989, 45, 169-176.	1.0	64
71	Sleep as a host defense: Its regulation by microbial products and cytokines. <i>Clinical Immunology and Immunopathology</i> , 1990, 57, 188-199.	2.1	63
72	Non-rapid eye movement sleep is suppressed in transgenic mice with a deficiency in the somatotrophic system. <i>Neuroscience Letters</i> , 1996, 220, 97-100.	1.0	63

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73	Hypothalamic growth hormone-releasing hormone mRNA varies across the day in rats. <i>NeuroReport</i> , 1996, 7, 2501-2506.	0.6	63
74	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
75	Humoral Sleep Regulation; Interleukin-1 and Tumor Necrosis Factor. <i>Vitamins and Hormones</i> , 2012, 89, 241-257.	0.7	63
76	Cytokines as Regulators of Sleep. <i>Annals of the New York Academy of Sciences</i> , 1994, 739, 299-310.	1.8	62
77	An anti-tumor necrosis factor antibody suppresses sleep in rats and rabbits. <i>Brain Research</i> , 1995, 690, 241-244.	1.1	62
78	Circadian variation of nitric oxide synthase activity and cytosolic protein levels in rat brain. <i>Brain Research</i> , 1996, 707, 127-130.	1.1	62
79	Subdiaphragmatic vagotomy blocks the sleep and fever-promoting effects of interleukin-1 β . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 273, R1246-R1253.	0.9	62
80	Brain-derived neurotrophic factor enhances spontaneous sleep in rats and rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1334-R1338.	0.9	61
81	Influenza Viral Infections Enhance Sleep in Mice. <i>Experimental Biology and Medicine</i> , 1995, 210, 242-252.	1.1	60
82	Deficiency of Growth Hormone-Releasing Hormone Signaling Is Associated with Sleep Alterations in the Dwarf Rat. <i>Journal of Neuroscience</i> , 2001, 21, 2912-2918.	1.7	59
83	A network model for activity-dependent sleep regulation. <i>Journal of Theoretical Biology</i> , 2008, 253, 462-468.	0.8	59
84	Stimulation and Inhibition of Growth Hormone Secretion by Interleukin-1 β ; The Involvement of Growth Hormone-Releasing Hormone. <i>Neuroendocrinology</i> , 1992, 56, 118-123.	1.2	58
85	Sleep in host defense. <i>Brain, Behavior, and Immunity</i> , 2003, 17, 41-47.	2.0	56
86	Inhibition of tumor necrosis factor in the brain suppresses rabbit sleep. <i>Pflugers Archiv European Journal of Physiology</i> , 1995, 431, 155-160.	1.3	54
87	TNF α siRNA reduces brain TNF and EEG delta wave activity in rats. <i>Brain Research</i> , 2007, 1156, 125-132.	1.1	54
88	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
89	Nuclear factor- κ B-like activity increases in murine cerebral cortex after sleep deprivation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1812-R1818.	0.9	52
90	Interleukin-18 promotes sleep in rabbits and rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R828-R838.	0.9	52

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91	Sleep deprivation increases the activation of nuclear factor kappa B in lateral hypothalamic cells. <i>Brain Research</i> , 2004, 1004, 91-97.	1.1	52
92	Detection of toxic viral-associated double-stranded RNA (dsRNA) in influenza-infected lung. <i>Microbial Pathogenesis</i> , 1991, 10, 105-115.	1.3	51
93	Thermoregulation and Sleep.. <i>Annals of the New York Academy of Sciences</i> , 1997, 813, 281-286.	1.8	51
94	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
95	Food Restriction Alters the Diurnal Distribution of Sleep in Rats. <i>Physiology and Behavior</i> , 1999, 67, 697-703.	1.0	49
96	Sleep deprivation but not a whisker trim increases nerve growth factor within barrel cortical neurons. <i>Brain Research</i> , 2001, 898, 105-112.	1.1	49
97	Interleukin-10 Inhibits Spontaneous Sleep in Rabbits. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 1025-1030.	0.5	48
98	Somnogenic relationships between tumor necrosis factor and interleukin-1. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1132-R1140.	0.9	46
99	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
100	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
101	Homer1a and 1bc levels in the rat somatosensory cortex vary with the time of day and sleep loss. <i>Neuroscience Letters</i> , 2004, 367, 105-108.	1.0	45
102	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
103	Sleep, Microbes and Cytokines. <i>NeuroImmunoModulation</i> , 1994, 1, 100-109.	0.9	42
104	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
105	Rapid Eye Movement Sleep Is Reduced in Prolactin-Deficient Mice. <i>Journal of Neuroscience</i> , 2005, 25, 10282-10289.	1.7	41
106	Vagotomy attenuates tumor necrosis factor- α -induced sleep and EEG δ -activity in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1213-R1220.	0.9	40
107	Bacterial peptidoglycans as modulators of sleep. I. Anhydro forms of muramyl peptides enhance somnogenic potency. <i>Brain Research</i> , 1987, 403, 249-257.	1.1	39
108	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

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109	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
110	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
111	Antiserum to Growth Hormone Decreases Sleep in the Rat. <i>Neuroendocrinology</i> , 1997, 66, 9-16.	1.2	38
112	Sleep disturbances in the rotenone animal model of Parkinson disease. <i>Brain Research</i> , 2005, 1042, 160-168.	1.1	38
113	MicroRNA 132 alters sleep and varies with time in brain. <i>Journal of Applied Physiology</i> , 2011, 111, 665-672.	1.2	38
114	Bacterial peptidoglycans as modulators of sleep. II. Effects of muramyl peptides on the structure of rabbit sleep. <i>Brain Research</i> , 1987, 403, 258-266.	1.1	36
115	Nerve growth factor enhances sleep in rabbits. <i>Neuroscience Letters</i> , 1999, 264, 149-152.	1.0	36
116	Sleep loss alters synaptic and intrinsic neuronal properties in mouse prefrontal cortex. <i>Brain Research</i> , 2011, 1420, 1-7.	1.1	36
117	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
118	Intraperitoneal injection of cholecystokinin elicits sleep in rabbits. <i>Physiology and Behavior</i> , 1991, 50, 1241-1244.	1.0	35
119	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
120	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
121	Influenza virus-induced sleep responses in mice with targeted disruptions in neuronal or inducible nitric oxide synthases. <i>Journal of Applied Physiology</i> , 2004, 97, 17-28.	1.2	33
122	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
123	5 α - β -Ectonucleotidase β knockout mice lack non-REM sleep responses to sleep deprivation. <i>European Journal of Neuroscience</i> , 2012, 35, 1789-1798.	1.2	33
124	Pituitary adenylate cyclase activating polypeptide enhances rapid eye movement sleep in rats. <i>Brain Research</i> , 1995, 686, 23-28.	1.1	32
125	State-dependent effects of light-dark cycle on somatosensory and visual cortex EEG in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1083-R1089.	0.9	32
126	Sleep during Experimental Trypanosomiasis in Rabbits. <i>Experimental Biology and Medicine</i> , 1994, 205, 174-181.	1.1	31

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127	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. <i>Neurochemical Research</i> , 1997, 22, 81-86.	1.6	31
128	Humoral Regulation of Sleep. <i>International Review of Neurobiology</i> , 1993, 35, 131-160.	0.9	30
129	Glutamate induces the expression and release of tumor necrosis factor- $\hat{\pm}$ in cultured hypothalamic cells. <i>Brain Research</i> , 2005, 1053, 54-61.	1.1	30
130	Unilateral cortical application of tumor necrosis factor $\hat{\pm}$ induces asymmetry in Fos- and interleukin- $\hat{1}^2$ -immunoreactive cells within the corticothalamic projection. <i>Brain Research</i> , 2005, 1055, 15-24.	1.1	30
131	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
132	Sleep and Cytokines. <i>Sleep Medicine Clinics</i> , 2012, 7, 517-527.	1.2	30
133	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
134	Sleep as a neuroimmune phenomenon: A brief historical perspective. <i>Advances in Neuroimmunology</i> , 1995, 5, 5-12.	1.8	29
135	Interleukin-13 and transforming growth factor- $\hat{1}^1$ inhibit spontaneous sleep in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R786-R792.	0.9	29
136	Prostaglandins E2 and D2 have little effect on rabbit sleep. <i>Physiology and Behavior</i> , 1992, 51, 481-485.	1.0	28
137	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
138	Acute Cocaine Increases Interleukin- $\hat{1}^2$ mRNA and Immunoreactive Cells in the Cortex and Nucleus Accumbens. <i>Neurochemical Research</i> , 2011, 36, 686-692.	1.6	28
139	Brain-specific interleukin-1 receptor accessory protein in sleep regulation. <i>Journal of Applied Physiology</i> , 2012, 112, 1015-1022.	1.2	28
140	Effects of preoptic area lesions on muramyl dipeptide-induced sleep and fever. <i>Brain Research</i> , 1989, 476, 396-399.	1.1	27
141	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
142	Tumor necrosis factor receptor fragment attenuates interferon- $\hat{3}$ -induced non-REM sleep in rabbits. <i>Journal of Neuroimmunology</i> , 2001, 119, 192-198.	1.1	27
143	Cytokine mRNA induction by interleukin- $\hat{1}^2$ or tumor necrosis factor $\hat{\pm}$ in vitro and in vivo. <i>Brain Research</i> , 2008, 1226, 89-98.	1.1	27
144	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

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145	The role of nitric oxide synthases in the sleep responses to tumor necrosis factor- $\hat{\pm}$. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 390-398.	2.0	25
146	Humoral Regulation of Sleep. <i>Physiology</i> , 1998, 13, 189-194.	1.6	24
147	Sickness behaviour after lipopolysaccharide treatment in ghrelin deficient mice. <i>Brain, Behavior, and Immunity</i> , 2014, 36, 200-206.	2.0	24
148	Prolactin and Rapid Eye Movement Sleep Regulation. <i>Sleep</i> , 1995, , .	0.6	23
149	Synthetic influenza viral double-stranded RNA induces an acute-phase response in rabbits. <i>Journal of Medical Virology</i> , 1999, 57, 198-203.	2.5	23
150	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
151	A cyclooxygenase-2 inhibitor attenuates spontaneous and TNF- $\hat{\pm}$ -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
152	Cafeteria feeding induces interleukin-1 $\hat{2}$ 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
153	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
154	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
155	Night shift schedule alters endogenous regulation of circulating cytokines. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2021, 10, 100063.	1.4	20
156	Interleukin-8 promotes non-rapid eye movement sleep in rabbits and rats. <i>Journal of Sleep Research</i> , 2004, 13, 55-61.	1.7	19
157	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
158	Sleep Deprivation and Time-on-Task Performance Decrement in the Rat Psychomotor Vigilance Task. <i>Sleep</i> , 2015, 38, 445-451.	0.6	19
159	Oxidized Glutathione Promotes Sleep in Rabbits. <i>Brain Research Bulletin</i> , 1998, 45, 545-548.	1.4	18
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