

# Masashi Yanagisawa

## List of Publications by Year in descending order

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Version: 2024-02-01

186  
papers

40,611  
citations

28274

55  
h-index

5255

165  
g-index

189  
all docs

189  
docs citations

189  
times ranked

20857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic and pharmacologic analyses of brain substances associated with sleep pressure in mice. <i>Neuroscience Research</i> , 2022, 177, 16-24.	1.9	4
2	Morning preference is associated with subjective happiness among Japanese female workers: A moderation analysis by sleep characteristics from the SLEPT study. <i>Chronobiology International</i> , 2022, 39, 690-703.	2.0	1
3	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 59, 128550.	2.2	4
4	Design and synthesis of novel orexin 2 receptor agonists based on naphthalene skeleton. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 59, 128530.	2.2	6
5	Effect of removal of the 14-hydroxy group on the affinity of the 4,5-epoxymorphinan derivatives for orexin and opioid receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 59, 128527.	2.2	2
6	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 60, 128555.	2.2	6
7	Detecting cell assemblies by NMF-based clustering from calcium imaging data. <i>Neural Networks</i> , 2022, 149, 29-39.	5.9	7
8	Deciphering the mystery of sleep: toward the molecular substrate for "sleepiness". <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022, 95, 1-SL01.	0.0	0
9	Effect of sevoflurane preconditioning on sleep reintegration after alteration by lipopolysaccharide. <i>Journal of Sleep Research</i> , 2022, , e13556.	3.2	0
10	Genetic Inactivation of Free Fatty Acid Receptor 3 Impedes Behavioral Deficits and Pathological Hallmarks in the APP <sup>swe</sup> Alzheimer's Disease Mouse Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3533.	4.1	3
11	Long-Term Effects of Repeated Social Defeat Stress on Brain Activity during Social Interaction in BALB/c Mice. <i>ENeuro</i> , 2022, 9, ENEURO.0068-22.2022.	1.9	8
12	Intracellular Ca <sup>2+</sup> dynamics in the ALA neuron reflect sleep pressure and regulate sleep in <i>Caenorhabditis elegans</i> . <i>IScience</i> , 2022, 25, 104452.	4.1	3
13	Discovery of novel orexin receptor antagonists using a 1,3,5-trioxazatriquinane bearing multiple effective residues (TriMER) library. <i>European Journal of Medicinal Chemistry</i> , 2022, 240, 114505.	5.5	2
14	Copine-7 is required for REM sleep regulation following cage change or water immersion and restraint stress in mice. <i>Neuroscience Research</i> , 2021, 165, 14-25.	1.9	8
15	Interaction between Orexin Neurons and Monoaminergic Systems. <i>Frontiers of Neurology and Neuroscience</i> , 2021, 45, 11-21.	2.8	7
16	Protein intake in inhabitants with regular exercise is associated with sleep quality: Results of the Shika study. <i>PLoS ONE</i> , 2021, 16, e0247926.	2.5	8
17	Induction of narcolepsy-like symptoms by orexin receptor antagonists in mice. <i>Sleep</i> , 2021, 44, .	1.1	13
18	Induction of Mutant <i>Sik3<sup>Sleepy</sup></i> Allele in Neurons in Late Infancy Increases Sleep Need. <i>Journal of Neuroscience</i> , 2021, 41, 2733-2746.	3.6	15

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19	An endothelial activin A-bone morphogenetic protein receptor type 2 link is overdriven in pulmonary hypertension. <i>Nature Communications</i> , 2021, 12, 1720.	12.8	30
20	Two novel mouse models mimicking minor deletions in 22q11.2 deletion syndrome revealed the contribution of each deleted region to psychiatric disorders. <i>Molecular Brain</i> , 2021, 14, 68.	2.6	6
21	Metabolic responses to polychromatic LED and OLED light at night. <i>Scientific Reports</i> , 2021, 11, 12402.	3.3	11
22	Cerebral capillary blood flow upsurge during REM sleep is mediated by A2a receptors. <i>Cell Reports</i> , 2021, 36, 109558.	6.4	23
23	Metabolic flexibility during sleep. <i>Scientific Reports</i> , 2021, 11, 17849.	3.3	4
24	The Role of Reproductive Hormones in Sex Differences in Sleep Homeostasis and Arousal Response in Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 739236.	2.8	12
25	GI-SleepNet: A Highly Versatile Image-Based Sleep Classification Using a Deep Learning Algorithm. <i>Clocks &amp; Sleep</i> , 2021, 3, 581-597.	2.0	2
26	Protocol for sleep analysis in the brain of genetically modified adult mice. <i>STAR Protocols</i> , 2021, 2, 100982.	1.2	5
27	Essential structure of orexin 1 receptor antagonist YNT-707, part V: Structure-activity relationship study of the substituents on the 17-amino group. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126893.	2.2	4
28	±-Synuclein BAC transgenic mice exhibit RBD-like behaviour and hyposmia: a prodromal Parkinson's disease model. <i>Brain</i> , 2020, 143, 249-265.	7.6	66
29	Gut microbiota depletion by chronic antibiotic treatment alters the sleep/wake architecture and sleep EEG power spectra in mice. <i>Scientific Reports</i> , 2020, 10, 19554.	3.3	59
30	Ablation of Ventral Midbrain/Pons GABA Neurons Induces Mania-like Behaviors with Altered Sleep Homeostasis and Dopamine D2R-mediated Sleep Reduction. <i>iScience</i> , 2020, 23, 101240.	4.1	8
31	Sleep Architecture in Mice Is Shaped by the Transcription Factor AP-2 <sup>2</sup> . <i>Genetics</i> , 2020, 216, 753-764.	2.9	5
32	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 <sup>high</sup> Cells In Vivo. <i>Cell Metabolism</i> , 2020, 32, 814-828.e6.	16.2	93
33	Hypnotic effect of thalidomide is independent of teratogenic ubiquitin/proteasome pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23106-23112.	7.1	8
34	Subacute Ingestion of Caffeine and Oolong Tea Increases Fat Oxidation without Affecting Energy Expenditure and Sleep Architecture: A Randomized, Placebo-Controlled, Double-Blinded Cross-Over Trial. <i>Nutrients</i> , 2020, 12, 3671.	4.1	17
35	Structure of cortical network activity across natural wake and sleep states in mice. <i>PLoS ONE</i> , 2020, 15, e0233561.	2.5	2
36	A discrete neuronal circuit induces a hibernation-like state in rodents. <i>Nature</i> , 2020, 583, 109-114.	27.8	141

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37	Sparse Activity of Hippocampal Adult-Born Neurons during REM Sleep Is Necessary for Memory Consolidation. <i>Neuron</i> , 2020, 107, 552-565.e10.	8.1	73
38	Loss of the conserved PKA sites of SIK1 and SIK2 increases sleep need. <i>Scientific Reports</i> , 2020, 10, 8676.	3.3	26
39	Discovery of attenuation effect of orexin 1 receptor to aversion of nalfurafine: Synthesis and evaluation of D-nor-nalfurafine derivatives and analyses of the three active conformations of nalfurafine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127360.	2.2	6
40	Dynamics of Cortical Local Connectivity during Sleep-Wake States and the Homeostatic Process. <i>Cerebral Cortex</i> , 2020, 30, 3977-3990.	2.9	10
41	Widely Distributed Neurotensinergic Neurons in the Brainstem Regulate NREM Sleep in Mice. <i>Current Biology</i> , 2020, 30, 1002-1010.e4.	3.9	23
42	Loss of <i>Arc</i> attenuates the behavioral and molecular responses for sleep homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10547-10553.	7.1	19
43	Enhanced cortical responsiveness during natural sleep in freely behaving mice. <i>Scientific Reports</i> , 2020, 10, 2278.	3.3	6
44	Association of wood use in bedrooms with comfort and sleep among workers in Japan: a cross-sectional analysis of the Sleep Epidemiology Project at the University of Tsukuba (SLEPT) study. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	2
45	Tomoh Masaki. <i>Hypertension</i> , 2020, 76, 1664-1666.	2.7	1
46	A new mouse model of GLUT1-deficiency syndrome exhibits abnormal sleep-wake patterns and alterations of glucose kinetics in the brain. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	8
47	Essential structure of orexin 1 receptor antagonist YNT-707, Part IV: The role of D-ring in 4,5-epoxymorphinan on the orexin 1 receptor antagonistic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2655-2658.	2.2	8
48	Methodology and theoretical basis of forward genetic screening for sleep/wakefulness in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16062-16067.	7.1	29
49	MC-SleepNet: Large-scale Sleep Stage Scoring in Mice by Deep Neural Networks. <i>Scientific Reports</i> , 2019, 9, 15793.	3.3	34
50	Effects of 3 Weeks of Water Immersion and Restraint Stress on Sleep in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 1072.	2.8	20
51	Endothelin: 30 Years From Discovery to Therapy. <i>Hypertension</i> , 2019, 74, 1232-1265.	2.7	153
52	Neuronal Myocyte-Specific Enhancer Factor 2D (MEF2D) Is Required for Normal Circadian and Sleep Behavior in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 7958-7967.	3.6	11
53	Differential Roles of Each Orexin Receptor Signaling in Obesity. <i>Science</i> , 2019, 20, 1-13.	4.1	35
54	Essential structure of orexin 1 receptor antagonist YNT-707, part III: Role of the 14-hydroxy and the 3-methoxy groups in antagonistic activity toward the orexin 1 receptor in YNT-707 derivatives lacking the 4,5-epoxy ring. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1747-1758.	3.0	9

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55	Toward the Mysteries of Sleep. Keio Journal of Medicine, 2019, 68, 27-27.	1.1	1
56	Distinct effects of orexin receptor antagonist and GABA <sub>A</sub> agonist on sleep and physical/cognitive functions after forced awakening. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24353-24358.	7.1	15
57	Sleep State Analysis Using Calcium Imaging Data by Non-negative Matrix Factorization. Lecture Notes in Computer Science, 2019, , 102-113.	1.3	3
58	Improvement of Slow Wave Sleep Continuity by Mattress with Better Body Pressure Dispersal. Sleep Medicine Research, 2019, 10, 75-82.	0.6	3
59	PERO: A stress-free, quantitative oral administration method through voluntary licking behavior. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-YIA-35.	0.0	0
60	&lt;i>In vitro&/i> and &lt;i>in vivo&/i> pharmacology of YNT-X, a novel small-molecule orexin type 2 receptor agonist. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-SS-65.	0.0	0
61	Hypocretin/orexin deficiency decreases cocaine abuse liability. Neuropharmacology, 2018, 133, 395-403.	4.1	33
62	Acute Pressor Response to Psychosocial Stress Is Dependent on Endothelium-Derived Endothelin-1. Journal of the American Heart Association, 2018, 7, .	3.7	19
63	Essential structure of orexin 1 receptor antagonist YNT-707, Part II: Drastic effect of the 14-hydroxy group on the orexin 1 receptor antagonistic activity. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 774-777.	2.2	12
64	Effects of the delta opioid receptor agonist KNT-127 on electroencephalographic activity in mice. Pharmacological Reports, 2018, 70, 350-354.	3.3	8
65	Sleep/Wake Behaviors in Mice During Pregnancy and Pregnancy-Associated Hypertensive Mice. Sleep, 2018, 41, .	1.1	11
66	Localization of orexin B and orexin-2 receptor in the rat epididymis. Acta Histochemica, 2018, 120, 292-297.	1.8	8
67	Nonpeptide Orexin-2 Receptor Agonist Attenuates Morphine-induced Sedative Effects in Rats. Anesthesiology, 2018, 128, 992-1003.	2.5	22
68	A single phosphorylation site of SIK3 regulates daily sleep amounts and sleep need in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10458-10463.	7.1	52
69	Continuous intrathecal orexin delivery inhibits cataplexy in a murine model of narcolepsy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6046-6051.	7.1	23
70	Large-scale forward genetics screening identifies Trpa1 as a chemosensor for predator odor-evoked innate fear behaviors. Nature Communications, 2018, 9, 2041.	12.8	71
71	Forebrain Ptf1a Is Required for Sexual Differentiation of the Brain. Cell Reports, 2018, 24, 79-94.	6.4	21
72	Ablation of Central Serotonergic Neurons Decreased REM Sleep and Attenuated Arousal Response. Frontiers in Neuroscience, 2018, 12, 535.	2.8	27

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73	Quantitative phosphoproteomic analysis of the molecular substrates of sleep need. <i>Nature</i> , 2018, 558, 435-439.	27.8	195
74	Orexin agonist improves inflammation-induced immobility. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR23-1.	0.0	0
75	Nonpeptide orexin type-2 receptor agonist ameliorates narcolepsy-cataplexy symptoms in mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5731-5736.	7.1	107
76	MASC: Automatic Sleep Stage Classification Based on Brain and Myoelectric Signals. , 2017, , .		11
77	Anatomical and electrophysiological development of the hypothalamic orexin neurons from embryos to neonates. <i>Journal of Comparative Neurology</i> , 2017, 525, 3809-3820.	1.6	18
78	Design and Synthesis of Potent and Highly Selective Orexin 1 Receptor Antagonists with a Morphinan Skeleton and Their Pharmacologies. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1018-1040.	6.4	30
79	Octacosanol restores stress-affected sleep in mice by alleviating stress. <i>Scientific Reports</i> , 2017, 7, 8892.	3.3	20
80	Essential structure of orexin 1 receptor antagonist YNT-707, Part I: Role of the 4,5-epoxy ring for binding with orexin 1 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4176-4179.	2.2	13
81	T cells upon activation promote endothelin 1 production in monocytes via IFN- $\gamma$ and TNF- $\alpha$ . <i>Scientific Reports</i> , 2017, 7, 14500.	3.3	18
82	Triethylene glycol, an active component of Ashwagandha ( <i>Withania somnifera</i> ) leaves, is responsible for sleep induction. <i>PLoS ONE</i> , 2017, 12, e0172508.	2.5	30
83	Knockout of endothelin type B receptor signaling attenuates bleomycin-induced skin sclerosis in mice. <i>Arthritis Research and Therapy</i> , 2016, 18, 113.	3.5	11
84	An Adenosine-Mediated Glial-Neuronal Circuit for Homeostatic Sleep. <i>Journal of Neuroscience</i> , 2016, 36, 3709-3721.	3.6	89
85	Mesolimbic neuropeptide <i>W</i> coordinates stress responses under novel environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6023-6028.	7.1	10
86	Timed Inhibition of Orexin System by Suvorexant Improved Sleep and Glucose Metabolism in Type 2 Diabetic db/db Mice. <i>Endocrinology</i> , 2016, 157, 4146-4157.	2.8	23
87	High salt induces autocrine actions of ET-1 on inner medullary collecting duct NO production via upregulated ET <sub>B</sub> receptor expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R263-R271.	1.8	17
88	Identification of mutations through dominant screening for obesity using C57BL/6 substrains. <i>Scientific Reports</i> , 2016, 6, 32453.	3.3	9
89	Forward-genetics analysis of sleep in randomly mutagenized mice. <i>Nature</i> , 2016, 539, 378-383.	27.8	266
90	Nighttime Administration of Nicotine Improves Hepatic Glucose Metabolism via the Hypothalamic Orexin System in Mice. <i>Endocrinology</i> , 2016, 157, 195-206.	2.8	16

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91	Attenuated cold defense responses in orexin neuron-ablated rats. <i>Temperature</i> , 2016, 3, 465-475.	3.0	14
92	Heterogeneous fibroblasts underlie age-dependent tertiary lymphoid tissues in the kidney. <i>JCI Insight</i> , 2016, 1, e87680.	5.0	96
93	QRFP-Deficient Mice Are Hypophagic, Lean, Hypoactive and Exhibit Increased Anxiety-Like Behavior. <i>PLoS ONE</i> , 2016, 11, e0164716.	2.5	28
94	Peripherally administered orexin improves survival of mice with endotoxin shock. <i>ELife</i> , 2016, 5, .	6.0	37
95	105, 1682-1682.	0.0	0
96	Monitoring $\beta$ -arrestin recruitment via $\beta$ -lactamase enzyme fragment complementation: purification of peptide E as a low-affinity ligand for mammalian bombesin receptors. <i>PLoS ONE</i> , 2015, 10, e0127445.	2.5	6
97	Quantitative Measurement of GPCR Endocytosis via Pulse-Chase Covalent Labeling. <i>PLoS ONE</i> , 2015, 10, e0129394.	2.5	9
98	Neuromedin S-Producing Neurons Act as Essential Pacemakers in the Suprachiasmatic Nucleus to Couple Clock Neurons and Dictate Circadian Rhythms. <i>Neuron</i> , 2015, 85, 1086-1102.	8.1	148
99	Design and Synthesis of Non-Peptide, Selective Orexin Receptor 2 Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7931-7937.	6.4	90
100	Endothelin-1 as a master regulator of whole-body Na <sup>+</sup> homeostasis. <i>FASEB Journal</i> , 2015, 29, 4937-4944.	0.5	23
101	Hypothalamic Orexin Prevents Hepatic Insulin Resistance via Daily Bidirectional Regulation of Autonomic Nervous System in Mice. <i>Diabetes</i> , 2015, 64, 459-470.	0.6	58
102	Vascular Endothelium Derived Endothelin-1 Is Required for Normal Heart Function after Chronic Pressure Overload in Mice. <i>PLoS ONE</i> , 2014, 9, e88730.	2.5	20
103	Loss of Function of Endothelin-2 Leads to Reduced Ovulation and CL Formation. <i>PLoS ONE</i> , 2014, 9, e96115.	2.5	27
104	Knockout of Endothelial Cell-Derived Endothelin-1 Attenuates Skin Fibrosis but Accelerates Cutaneous Wound Healing. <i>PLoS ONE</i> , 2014, 9, e97972.	2.5	21
105	Reduced brown adipose tissue thermogenesis during environmental interactions in transgenic rats with ataxin-3-mediated ablation of hypothalamic orexin neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R978-R989.	1.8	29
106	The Second Tomoh Masaki Award (2013). <i>Life Sciences</i> , 2014, 118, 87-90.	4.3	5
107	Endothelin XIII. <i>Life Sciences</i> , 2014, 118, 47-50.	4.3	4
108	25Years of endothelin research: the next generation. <i>Life Sciences</i> , 2014, 118, 77-86.	4.3	8

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109	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. Journal of Experimental Medicine, 2014, 211, 2487-2496.	8.5	189
110	Direct Action of Endothelin-1 on Podocytes Promotes Diabetic Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2014, 25, 1050-1062.	6.1	87
111	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13499-13504.	7.1	30
112	Orexin Regulates Bone Remodeling via a Dominant Positive Central Action and a Subordinate Negative Peripheral Action. Cell Metabolism, 2014, 19, 927-940.	16.2	38
113	The Thirteenth International Conference on Endothelin (ET-13), Tokyo, 2013. Life Sciences, 2014, 118, 70-76.	4.3	2
114	Orexin/Hypocretin Activates mTOR Complex 1 (mTORC1) via an Erk/Akt-independent and Calcium-stimulated Lysosome v-ATPase Pathway. Journal of Biological Chemistry, 2014, 289, 31950-31959.	3.4	41
115	Orexin neurons suppress narcolepsy via 2 distinct efferent pathways. Journal of Clinical Investigation, 2014, 124, 604-616.	8.2	139
116	Acute behavioral stress-induced circulating endothelin-1 is derived from the endothelium (857.9). FASEB Journal, 2014, 28, 857.9.	0.5	0
117	Behavioral and biochemical dissociation of arousal and homeostatic sleep need influenced by prior wakeful experience in mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10288-10293.	7.1	74
118	Differential actions of orexin receptors in brainstem cholinergic and monoaminergic neurons revealed by receptor knockouts: implications for orexinergic signaling in arousal and narcolepsy. Frontiers in Neuroscience, 2013, 7, 246.	2.8	44
119	Endothelin-2 deficiency causes growth retardation, hypothermia, and emphysema in mice. Journal of Clinical Investigation, 2013, 123, 2643-2653.	8.2	33
120	Neurotensin Co-Expressed in Orexin-Producing Neurons in the Lateral Hypothalamus Plays an Important Role in Regulation of Sleep/Wakefulness States. PLoS ONE, 2013, 8, e62391.	2.5	62
121	Endothelin-2 Is Required for Both Ovulation and Corpus Luteum Formation.. Biology of Reproduction, 2012, 87, 179-179.	2.7	1
122	Critical Role of Neuropeptides B/W Receptor 1 Signaling in Social Behavior and Fear Memory. PLoS ONE, 2011, 6, e16972.	2.5	30
123	Loss of <i>Gooseoid-like</i> and <i>DiGeorge syndrome critical region 14</i> in interpeduncular nucleus results in altered regulation of rapid eye movement sleep. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18155-18160.	7.1	27
124	Low Blood Pressure in Endothelial Cell-Specific Endothelin 1 Knockout Mice. Hypertension, 2010, 56, 121-128.	2.7	88
125	Selective loss of GABA <sub>B</sub> receptors in orexin-producing neurons results in disrupted sleep/wakefulness architecture. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4459-4464.	7.1	115
126	Enhanced Orexin Receptor-2 Signaling Prevents Diet-Induced Obesity and Improves Leptin Sensitivity. Cell Metabolism, 2009, 9, 64-76.	16.2	235

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127	Hypothalamic Orexin Stimulates Feeding-Associated Glucose Utilization in Skeletal Muscle via Sympathetic Nervous System. <i>Cell Metabolism</i> , 2009, 10, 466-480.	16.2	196
128	The effects of sleep on the cardiovascular and the thermoregulatory systems – possible role for hypocretin. <i>FASEB Journal</i> , 2009, 23, 609.13.	0.5	0
129	Effects of the gut microbiota on host adiposity are modulated by the short-chain fatty-acid binding G protein-coupled receptor, Gpr41. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16767-16772.	7.1	1,279
130	Selective loss of GABAB receptors in orexin/hypocretin-producing neurons results in disrupted sleep/wakefulness architecture. <i>Nature Precedings</i> , 2007, , .	0.1	0
131	Orexin is necessary both for hypercapnic ventilatory responses during awake state and for prevention of sleep apneas. <i>FASEB Journal</i> , 2007, 21, A921.	0.5	0
132	Orexin is necessary for eliciting ventilatory long-term facilitation in mice. <i>FASEB Journal</i> , 2007, 21, A822.	0.5	0
133	Sex difference in body weight gain and leptin signaling in hypocretin/orexin deficient mouse models. <i>Peptides</i> , 2006, 27, 2326-2331.	2.4	49
134	Distribution of neuropeptide W immunoreactivity and mRNA in adult rat brain. <i>Brain Research</i> , 2006, 1093, 123-134.	2.2	42
135	A neuropeptide ligand of the G protein-coupled receptor GPR103 regulates feeding, behavioral arousal, and blood pressure in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7438-7443.	7.1	158
136	The dorsomedial hypothalamic nucleus as a putative food-entrainable circadian pacemaker. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12150-12155.	7.1	277
137	Neuropeptide B-deficient mice demonstrate hyperalgesia in response to inflammatory pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9942-9947.	7.1	55
138	Difference in obesity phenotype between orexin-knockout mice and orexin neuron-deficient mice with same genetic background and environmental conditions. <i>Neuroscience Letters</i> , 2005, 380, 239-242.	2.1	178
139	Input of Orexin/Hypocretin Neurons Revealed by a Genetically Encoded Tracer in Mice. <i>Neuron</i> , 2005, 46, 297-308.	8.1	430
140	From The Cover: Orexin peptides prevent cataplexy and improve wakefulness in an orexin neuron-ablated model of narcolepsy in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4649-4654.	7.1	312
141	Behavioral State Instability in Orexin Knock-Out Mice. <i>Journal of Neuroscience</i> , 2004, 24, 6291-6300.	3.6	360
142	Expression of a Poly-Glutamine-Ataxin-3 Transgene in Orexin Neurons Induces Narcolepsy-Cataplexy in the Rat. <i>Journal of Neuroscience</i> , 2004, 24, 4469-4477.	3.6	181
143	Mice with cardiomyocyte-specific disruption of the endothelin-1 gene are resistant to hyperthyroid cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2088-2093.	7.1	74
144	Expression of the poly-glutamine-ataxin-3 transgene causes loss of orexin expression: A rat model of narcolepsy. <i>Sleep and Biological Rhythms</i> , 2004, 2, S44-S44.	1.0	0

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145	Distinct Narcolepsy Syndromes in Orexin Receptor-2 and Orexin Null Mice. <i>Neuron</i> , 2003, 38, 715-730.	8.1	603
146	Hypothalamic Orexin Neurons Regulate Arousal According to Energy Balance in Mice. <i>Neuron</i> , 2003, 38, 701-713.	8.1	833
147	Characterization of a family of endogenous neuropeptide ligands for the G protein-coupled receptors GPR7 and GPR8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6251-6256.	7.1	183
148	Endothelin System: The Double-Edged Sword in Health and Disease. <i>Annual Review of Pharmacology and Toxicology</i> , 2001, 41, 851-876.	9.4	654
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