

Masashi Yanagisawa

List of Publications by Year in descending order

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186
papers

40,611
citations

28274

55
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5255

165
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189
all docs

189
docs citations

189
times ranked

20857
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel potent vasoconstrictor peptide produced by vascular endothelial cells. <i>Nature</i> , 1988, 332, 411-415.	27.8	10,647
2	Orexins and Orexin Receptors: A Family of Hypothalamic Neuropeptides and G Protein-Coupled Receptors that Regulate Feeding Behavior. <i>Cell</i> , 1998, 92, 573-585.	28.9	4,993
3	Narcolepsy in orexin Knockout Mice. <i>Cell</i> , 1999, 98, 437-451.	28.9	2,981
4	Cloning of a cDNA encoding a non-isopeptide-selective subtype of the endothelin receptor. <i>Nature</i> , 1990, 348, 732-735.	27.8	2,443
5	Expression of Endothelin-1 in the Lungs of Patients with Pulmonary Hypertension. <i>New England Journal of Medicine</i> , 1993, 328, 1732-1739.	27.0	1,698
6	Differential expression of orexin receptors 1 and 2 in the rat brain. <i>Journal of Comparative Neurology</i> , 2001, 435, 6-25.	1.6	1,481
7	Genetic Ablation of Orexin Neurons in Mice Results in Narcolepsy, Hypophagia, and Obesity. <i>Neuron</i> , 2001, 30, 345-354.	8.1	1,307
8	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
9	Tie2-Cre Transgenic Mice: A New Model for Endothelial Cell-Lineage Analysis in Vivo. <i>Developmental Biology</i> , 2001, 230, 230-242.	2.0	1,104
10	Distribution of orexin neurons in the adult rat brain. <i>Brain Research</i> , 1999, 827, 243-260.	2.2	1,060
11	Hypothalamic Orexin Neurons Regulate Arousal According to Energy Balance in Mice. <i>Neuron</i> , 2003, 38, 701-713.	8.1	833
12	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area. <i>Journal of Comparative Neurology</i> , 1998, 402, 442-459.	1.6	783
13	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
14	Distinct Narcolepsy Syndromes in Orexin Receptor-2 and Orexin Null Mice. <i>Neuron</i> , 2003, 38, 715-730.	8.1	603
15	Input of Orexin/Hypocretin Neurons Revealed by a Genetically Encoded Tracer in Mice. <i>Neuron</i> , 2005, 46, 297-308.	8.1	430
16	Cloning and sequence analysis of cDNA encoding the precursor of a human endothelium-derived vasoconstrictor peptide, endothelin: Identity of human and porcine endothelin. <i>FEBS Letters</i> , 1988, 231, 440-444.	2.8	382
17	Behavioral State Instability in Orexin Knock-Out Mice. <i>Journal of Neuroscience</i> , 2004, 24, 6291-6300.	3.6	360
18	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

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19	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
20	Forward-genetics analysis of sleep in randomly mutagenized mice. <i>Nature</i> , 2016, 539, 378-383.	27.8	266
21	Enhanced Orexin Receptor-2 Signaling Prevents Diet-Induced Obesity and Improves Leptin Sensitivity. <i>Cell Metabolism</i> , 2009, 9, 64-76.	16.2	235
22	Physiology and pharmacology of endothelins. <i>Medicinal Research Reviews</i> , 1992, 12, 391-421.	10.5	232
23	Binding and receptor down-regulation of a novel vasoconstrictor endothelin in cultured rat vascular smooth muscle cells. <i>FEBS Letters</i> , 1988, 239, 13-17.	2.8	205
24	Chronic intracerebroventricular administration of orexin-A to rats increases food intake in daytime, but has no effect on body weight. <i>Brain Research</i> , 1999, 849, 248-252.	2.2	197
25	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
26	Quantitative phosphoproteomic analysis of the molecular substrates of sleep need. <i>Nature</i> , 2018, 558, 435-439.	27.8	195
27	Potential role of orexin and sleep modulation in the pathogenesis of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2014, 211, 2487-2496.	8.5	189
28	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
29	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
30	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
31	Structure and Function of Human Prepro-orexin Gene. <i>Journal of Biological Chemistry</i> , 1999, 274, 17771-17776.	3.4	172
32	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
33	Endothelin: 30 Years From Discovery to Therapy. <i>Hypertension</i> , 2019, 74, 1232-1265.	2.7	153
34	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
35	A discrete neuronal circuit induces a hibernation-like state in rodents. <i>Nature</i> , 2020, 583, 109-114.	27.8	141
36	Orexin neurons suppress narcolepsy via 2 distinct efferent pathways. <i>Journal of Clinical Investigation</i> , 2014, 124, 604-616.	8.2	139

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37	Two distinct nonmuscle myosin-heavy-chain mRNAs are differentially expressed in various chicken tissues. Identification of a novel gene family of vertebrate non-sarcomeric myosin heavy chains. <i>FEBS Journal</i> , 1989, 184, 611-616.	0.2	125
38	Selective loss of GABA _B receptors in orexin-producing neurons results in disrupted sleep/wakefulness architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4459-4464.	7.1	115
39	Two different forms of endothelin receptors in rat lung. <i>FEBS Letters</i> , 1989, 257, 208-210.	2.8	112
40	Increased In Vivo Expression and Production of Endothelin-1 by Porcine Cardiomyocytes Subjected to Ischemia. <i>Circulation Research</i> , 1995, 76, 767-772.	4.5	110
41	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
42	Heterogeneous fibroblasts underlie age-dependent tertiary lymphoid tissues in the kidney. <i>JCI Insight</i> , 2016, 1, e87680.	5.0	96
43	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 ^{high} Cells In Vivo. <i>Cell Metabolism</i> , 2020, 32, 814-828.e6.	16.2	93
44	Design and Synthesis of Non-Peptide, Selective Orexin Receptor 2 Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7931-7937.	6.4	90
45	An Adenosine-Mediated Glial-Neuronal Circuit for Homeostatic Sleep. <i>Journal of Neuroscience</i> , 2016, 36, 3709-3721.	3.6	89
46	Low Blood Pressure in Endothelial Cell-Specific Endothelin 1 Knockout Mice. <i>Hypertension</i> , 2010, 56, 121-128.	2.7	88
47	Direct Action of Endothelin-1 on Podocytes Promotes Diabetic Glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1050-1062.	6.1	87
48	Human smooth muscle myosin heavy chain gene mapped to chromosomal region 16q12. <i>American Journal of Medical Genetics Part A</i> , 1993, 46, 61-67.	2.4	79
49	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
50	Behavioral and biochemical dissociation of arousal and homeostatic sleep need influenced by prior wakeful experience in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10288-10293.	7.1	74
51	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
52	Large-scale forward genetics screening identifies <i>Trpa1</i> as a chemosensor for predator odor-evoked innate fear behaviors. <i>Nature Communications</i> , 2018, 9, 2041.	12.8	71
53	Δ-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
54	Analysis of two pharmacologically predicted endothelin B receptor subtypes by using the endothelin B receptor gene knockout mouse. <i>British Journal of Pharmacology</i> , 1997, 120, 1427-1430.	5.4	65

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55	Neurotensin Co-Expressed in Orexin-Producing Neurons in the Lateral Hypothalamus Plays an Important Role in Regulation of Sleep/Wakefulness States. <i>PLoS ONE</i> , 2013, 8, e62391.	2.5	62
56	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
57	Endothelin B receptor deficiency potentiates ET-1 and hypoxic pulmonary vasoconstriction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1040-L1048.	2.9	58
58	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
59	Similarity of endothelin to snake venom toxin. <i>Nature</i> , 1988, 335, 303-303.	27.8	55
60	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
61	A single phosphorylation site of SIK3 regulates daily sleep amounts and sleep need in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10458-10463.	7.1	52
62	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
63	Cell cycle analysis using numerical simulation of bivariate DNA/bromodeoxyuridine distributions. <i>Cytometry</i> , 1985, 6, 550-562.	1.8	44
64	Differential actions of orexin receptors in brainstem cholinergic and monoaminergic neurons revealed by receptor knockouts: implications for orexinergic signaling in arousal and narcolepsy. <i>Frontiers in Neuroscience</i> , 2013, 7, 246.	2.8	44
65	Distribution of neuropeptide W immunoreactivity and mRNA in adult rat brain. <i>Brain Research</i> , 2006, 1093, 123-134.	2.2	42
66	Impaired Ventilatory Responses to Hypoxia in Mice Deficient in Endothelin-Converting-Enzyme-1. <i>Pediatric Research</i> , 2001, 49, 705-712.	2.3	41
67	Orexin/Hypocretin Activates mTOR Complex 1 (mTORC1) via an Erk/Akt-independent and Calcium-stimulated Lysosome v-ATPase Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 31950-31959.	3.4	41
68	Orexin Regulates Bone Remodeling via a Dominant Positive Central Action and a Subordinate Negative Peripheral Action. <i>Cell Metabolism</i> , 2014, 19, 927-940.	16.2	38
69	A pertussis toxin-sensitive mechanism of endothelin action in porcine coronary artery smooth muscle. <i>British Journal of Pharmacology</i> , 1992, 107, 456-462.	5.4	37
70	Peripherally administered orexin improves survival of mice with endotoxin shock. <i>ELife</i> , 2016, 5, .	6.0	37
71	Differential Roles of Each Orexin Receptor Signaling in Obesity. <i>IScience</i> , 2019, 20, 1-13.	4.1	35
72	Transgenic rescue of aganglionosis and piebaldism in lethal spotted mice. , 2000, 217, 120-132.		34

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73	MC-SleepNet: Large-scale Sleep Stage Scoring in Mice by Deep Neural Networks. <i>Scientific Reports</i> , 2019, 9, 15793.	3.3	34
74	Hypocretin/orexin deficiency decreases cocaine abuse liability. <i>Neuropharmacology</i> , 2018, 133, 395-403.	4.1	33
75	Endothelin-2 deficiency causes growth retardation, hypothermia, and emphysema in mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 2643-2653.	8.2	33
76	EXPRESSION OF ENDOTHELIN-1 IN PANCREATIC TISSUE OF PATIENTS WITH CHRONIC PANCREATITIS. , 1996, 178, 78-83.		31
77	Cardiovascular Effects of the Endothelins. <i>Cardiovascular Drug Reviews</i> , 1990, 8, 373-385.	4.1	30
78	Critical Role of Neuropeptides B/W Receptor 1 Signaling in Social Behavior and Fear Memory. <i>PLoS ONE</i> , 2011, 6, e16972.	2.5	30
79	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13499-13504.	7.1	30
80	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
81	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
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	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
84	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
85	Two isoforms of smooth muscle myosin regulatory light chain in chicken gizzard. <i>FEBS Journal</i> , 1989, 183, 645-651.	0.2	28
86	QRFP-Deficient Mice Are Hypophagic, Lean, Hypoactive and Exhibit Increased Anxiety-Like Behavior. <i>PLoS ONE</i> , 2016, 11, e0164716.	2.5	28
87	Loss of <i>Goosecoid-like</i> and <i>DiGeorge syndrome critical region 14</i> in interpeduncular nucleus results in altered regulation of rapid eye movement sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18155-18160.	7.1	27
88	Loss of Function of Endothelin-2 Leads to Reduced Ovulation and CL Formation. <i>PLoS ONE</i> , 2014, 9, e96115.	2.5	27
89	Ablation of Central Serotonergic Neurons Decreased REM Sleep and Attenuated Arousal Response. <i>Frontiers in Neuroscience</i> , 2018, 12, 535.	2.8	27
90	Loss of the conserved PKA sites of SIK1 and SIK2 increases sleep need. <i>Scientific Reports</i> , 2020, 10, 8676.	3.3	26

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91	Enhanced blood pressure sensitivity to DOCA-salt treatment in endothelin ETB receptor-deficient rats. <i>British Journal of Pharmacology</i> , 2000, 129, 1060-1062.	5.4	24
92	Endothelin-1 as a master regulator of whole-body Na ⁺ homeostasis. <i>FASEB Journal</i> , 2015, 29, 4937-4944.	0.5	23
93	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
94	Continuous intrathecal orexin delivery inhibits cataplexy in a murine model of narcolepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6046-6051.	7.1	23
95	Widely Distributed Neurotensinergic Neurons in the Brainstem Regulate NREM Sleep in Mice. <i>Current Biology</i> , 2020, 30, 1002-1010.e4.	3.9	23
96	Cerebral capillary blood flow upsurge during REM sleep is mediated by A2a receptors. <i>Cell Reports</i> , 2021, 36, 109558.	6.4	23
97	Nonpeptide Orexin-2 Receptor Agonist Attenuates Morphine-induced Sedative Effects in Rats. <i>Anesthesiology</i> , 2018, 128, 992-1003.	2.5	22
98	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
99	Forebrain Ptf1a Is Required for Sexual Differentiation of the Brain. <i>Cell Reports</i> , 2018, 24, 79-94.	6.4	21
100	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
101	Octacosanol restores stress-affected sleep in mice by alleviating stress. <i>Scientific Reports</i> , 2017, 7, 8892.	3.3	20
102	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
103	Acute Pressor Response to Psychosocial Stress Is Dependent on Endothelium-Derived Endothelin-1. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	19
104	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
105	Chemically defined projections linking the mediobasal hypothalamus and the lateral hypothalamic area. <i>Journal of Comparative Neurology</i> , 1998, 402, 442-459.	1.6	19
106	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
107	T cells upon activation promote endothelin 1 production in monocytes via IFN- γ and TNF- α . <i>Scientific Reports</i> , 2017, 7, 14500.	3.3	18
108	High salt induces autocrine actions of ET-1 on inner medullary collecting duct NO production via upregulated ET _B receptor expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R263-R271.	1.8	17

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109	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
110	Affinity labelling of endothelin receptor and characterization of solubilized endothelin-endothelin-receptor complex. <i>FEBS Journal</i> , 1990, 187, 125-129.	0.2	16
111	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
112	Distinct effects of orexin receptor antagonist and GABA _A agonist on sleep and physical/cognitive functions after forced awakening. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24353-24358.	7.1	15
113	Induction of Mutant <i>Sik3^{Sleepy}</i> Allele in Neurons in Late Infancy Increases Sleep Need. <i>Journal of Neuroscience</i> , 2021, 41, 2733-2746.	3.6	15
114	Attenuated cold defense responses in orexin neuron-ablated rats. <i>Temperature</i> , 2016, 3, 465-475.	3.0	14
115	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
116	Induction of narcolepsy-like symptoms by orexin receptor antagonists in mice. <i>Sleep</i> , 2021, 44, .	1.1	13
117	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 774-777.	2.2	12
118	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
119	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
120	MASC: Automatic Sleep Stage Classification Based on Brain and Myoelectric Signals. , 2017, , .		11
121	Sleep/Wake Behaviors in Mice During Pregnancy and Pregnancy-Associated Hypertensive Mice. <i>Sleep</i> , 2018, 41, .	1.1	11
122	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
123	Metabolic responses to polychromatic LED and OLED light at night. <i>Scientific Reports</i> , 2021, 11, 12402.	3.3	11
124	Mesolimbic neuropeptide W 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
125	Dynamics of Cortical Local Connectivity during Sleep-Wake States and the Homeostatic Process. <i>Cerebral Cortex</i> , 2020, 30, 3977-3990.	2.9	10
126	SOLUBILIZATION OF TWO TYPES OF ENDOTHELIN RECEPTORS, ET_A AND ET_B, FROM RAT LUNG WITH RETENTION OF BINDING ACTIVITY . <i>Biomedical Research</i> , 1991, 12, 417-423.	0.9	10

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127	Quantitative Measurement of GPCR Endocytosis via Pulse-Chase Covalent Labeling. <i>PLoS ONE</i> , 2015, 10, e0129394.	2.5	9
128	Identification of mutations through dominant screening for obesity using C57BL/6 substrains. <i>Scientific Reports</i> , 2016, 6, 32453.	3.3	9
129	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
130	25Years of endothelin research: the next generation. <i>Life Sciences</i> , 2014, 118, 77-86.	4.3	8
131	Effects of the delta opioid receptor agonist KNT-127 on electroencephalographic activity in mice. <i>Pharmacological Reports</i> , 2018, 70, 350-354.	3.3	8
132	Localization of orexin B and orexin-2 receptor in the rat epididymis. <i>Acta Histochemica</i> , 2018, 120, 292-297.	1.8	8
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	Interaction between Orexin Neurons and Monoaminergic Systems. <i>Frontiers of Neurology and Neuroscience</i> , 2021, 45, 11-21.	2.8	7
141	Detecting cell assemblies by NMF-based clustering from calcium imaging data. <i>Neural Networks</i> , 2022, 149, 29-39.	5.9	7
142	Monitoring β -arrestin recruitment via β -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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Enhanced cortical responsiveness during natural sleep in freely behaving mice. <i>Scientific Reports</i> , 2020, 10, 2278.	3.3	6
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