

Akihiro Yamanaka

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

10,705
citations

38660

50
h-index

35952

97
g-index

210
all docs

210
docs citations

210
times ranked

9157
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of A5/A7 noradrenergic neurons and B2 serotonergic neurons in nociceptive processing: a fiber photometry study. <i>Neural Regeneration Research</i> , 2022, 17, 881.	1.6	4
2	Hypocretin/Orexin Interactions with Norepinephrine Contribute to the Opiate Withdrawal Syndrome. <i>Journal of Neuroscience</i> , 2022, 42, 255-263.	1.7	12
3	Relief of neuropathic pain by cell-specific manipulation of nucleus accumbens dopamine D1- and D2-receptor-expressing neurons. <i>Molecular Brain</i> , 2022, 15, 10.	1.3	14
4	Dynamic changes in orexin activities associated with reward-based motivative behavior. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022, 95, 1-SS-08.	0.0	0
5	The development of sleep/wake disruption and cataplexy as hypocretin/orexin neurons degenerate in male vs. female <i>Orexin/tTA; TetO-DTA</i> Mice. <i>Sleep</i> , 2022, 45, .	0.6	6
6	Tumor suppression and improvement in immune systems by specific activation of dopamine D1-receptor-expressing neurons in the nucleus accumbens. <i>Molecular Brain</i> , 2022, 15, 17.	1.3	5
7	Activity of putative orexin neurons during cataplexy. <i>Molecular Brain</i> , 2022, 15, 21.	1.3	7
8	Clastrum mediates bidirectional and reversible control of stress-induced anxiety responses. <i>Science Advances</i> , 2022, 8, eabi6375.	4.7	27
9	Functional Interaction Between GABAergic Neurons in the Ventral Tegmental Area and Serotonergic Neurons in the Dorsal Raphe Nucleus. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
10	A gradual temporal shift of dopamine responses mirrors the progression of temporal difference error in machine learning. <i>Nature Neuroscience</i> , 2022, 25, 1082-1092.	7.1	32
11	Accumbal D2R-medium spiny neurons regulate aversive behaviors through PKA-Rap1 pathway. <i>Neurochemistry International</i> , 2021, 143, 104935.	1.9	14
12	Direct evidence that the brain reward system is involved in the control of scratching behaviors induced by acute and chronic itch. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 624-631.	1.0	11
13	Animal models of narcolepsy and the hypocretin/orexin system: Past, present, and future. <i>Sleep</i> , 2021, 44, .	0.6	14
14	Fiberless Optogenetics. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1293, 407-416.	0.8	2
15	Involvement of MCH-oxytocin neural relay within the hypothalamus in murine nursing behavior. <i>Scientific Reports</i> , 2021, 11, 3348.	1.6	8
16	Bioprinting 3D human cardiac tissue chips using the pin type printer "microscopic painting device"™ and analysis for cardiotoxicity. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 025017.	1.7	7
17	The Impacts of Age and Sex in a Mouse Model of Childhood Narcolepsy. <i>Frontiers in Neuroscience</i> , 2021, 15, 644757.	1.4	11
18	Melanin-concentrating hormone-producing neurons in the hypothalamus regulate brown adipose tissue and thus contribute to energy expenditure. <i>Journal of Physiology</i> , 2021, , .	1.3	10

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19	001 Exploring the Orexin-tTA/TetO-DTA Mouse as a Model for Pediatric Narcolepsy. <i>Sleep</i> , 2021, 44, A1-A1.	0.6	0
20	Aversive emotion rapidly activates orexin neurons and increases heart rate in freely moving mice. <i>Molecular Brain</i> , 2021, 14, 104.	1.3	13
21	Disruption of model-based decision making by silencing of serotonin neurons in the dorsal raphe nucleus. <i>Current Biology</i> , 2021, 31, 2446-2454.e5.	1.8	16
22	Remote control of neural function by X-ray-induced scintillation. <i>Nature Communications</i> , 2021, 12, 4478.	5.8	50
23	Optogenetic activation of DRN 5-HT neurons induced active wakefulness, not quiet wakefulness. <i>Brain Research Bulletin</i> , 2021, 177, 129-142.	1.4	11
24	Hypothalamic perifornical Urocortin-3 neurons modulate defensive responses to a potential threat stimulus. <i>iScience</i> , 2021, 24, 101908.	1.9	7
25	GI-SleepNet: A Highly Versatile Image-Based Sleep Classification Using a Deep Learning Algorithm. <i>Clocks & Sleep</i> , 2021, 3, 581-597.	0.9	2
26	Downstream projection of Barrington's nucleus to the spinal cord in mice. <i>Journal of Neurophysiology</i> , 2021, 126, 1959-1977.	0.9	6
27	Conditional Knockout of Bmal1 in Corticotropin-Releasing Factor Neurons Does Not Alter Sleep-Wake Rhythm in Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 808754.	1.4	2
28	Glutamatergic neurons in the medial prefrontal cortex mediate the formation and retrieval of cocaine-associated memories in mice. <i>Addiction Biology</i> , 2020, 25, e12723.	1.4	28
29	Different roles of distinct serotonergic pathways in anxiety-like behavior, antidepressant-like, and anti-impulsive effects. <i>Neuropharmacology</i> , 2020, 167, 107703.	2.0	53
30	Opposing Ventral Striatal Medium Spiny Neuron Activities Shaped by Striatal Parvalbumin-Expressing Interneurons during Goal-Directed Behaviors. <i>Cell Reports</i> , 2020, 31, 107829.	2.9	13
31	Serotonergic projections to the orbitofrontal and medial prefrontal cortices differentially modulate waiting for future rewards. <i>Science Advances</i> , 2020, 6, .	4.7	30
32	Green-Sensitive, Long-Lived, Step-Functional Anion Channelrhodopsin-2 Variant as a High-Potential Neural Silencing Tool. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6214-6218.	2.1	17
33	Identification of substances which regulate activity of corticotropin-releasing factor-producing neurons in the paraventricular nucleus of the hypothalamus. <i>Scientific Reports</i> , 2020, 10, 13639.	1.6	11
34	The mammalian circadian pacemaker regulates wakefulness via CRF neurons in the paraventricular nucleus of the hypothalamus. <i>Science Advances</i> , 2020, 6, .	4.7	51
35	Roles of orexin neurons in motivated behaviors in rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020, 93, 2-P-166.	0.0	0
36	VGLUT2-expressing neurons in the vestibular nuclear complex mediate gravitational stress-induced hypothermia in mice. <i>Communications Biology</i> , 2020, 3, 227.	2.0	6

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37	Light-induced silencing of neural activity in Rosa26 knock-in and BAC transgenic mice conditionally expressing the microbial halorhodopsin eNpHR3. <i>Scientific Reports</i> , 2020, 10, 3191.	1.6	5
38	Acute restraint stress augments the rewarding memory of cocaine through activation of $\hat{1}\pm 1$ adrenoceptors in the medial prefrontal cortex of mice. <i>Neuropharmacology</i> , 2020, 166, 107968.	2.0	12
39	Involvement of suprallemniscal nucleus (B9) 5-HT neuronal system in nociceptive processing: a fiber photometry study. <i>Molecular Brain</i> , 2020, 13, 14.	1.3	6
40	The Role of Dorsal Raphe Serotonin Neurons in the Balance between Reward and Aversion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2160.	1.8	29
41	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020, 23, 638-650.	7.1	98
42	Involvement of A13 dopaminergic neurons located in the zona incerta in nociceptive processing: a fiber photometry study. <i>Molecular Brain</i> , 2020, 13, 60.	1.3	10
43	Dual orexin and MCH neuron-ablated mice display severe sleep attacks and cataplexy. <i>ELife</i> , 2020, 9, .	2.8	20
44	Functional emergence of a column-like architecture in layer 5 of mouse somatosensory cortex in vivo. <i>Journal of Physiological Sciences</i> , 2019, 69, 65-77.	0.9	2
45	Three-dimensional bioprinting human cardiac tissue chips of using a painting needle method. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3136-3142.	1.7	23
46	Thin-fibre receptors expressing acid-sensing ion channel 3 contribute to muscular mechanical hypersensitivity after exercise. <i>European Journal of Pain</i> , 2019, 23, 1801-1813.	1.4	11
47	GABA in the suprachiasmatic nucleus refines circadian output rhythms in mice. <i>Communications Biology</i> , 2019, 2, 232.	2.0	43
48	Orbital evolution of a circumbinary planet in a gaseous disk. <i>Earth, Planets and Space</i> , 2019, 71, .	0.9	2
49	REM sleep-active MCH neurons are involved in forgetting hippocampus-dependent memories. <i>Science</i> , 2019, 365, 1308-1313.	6.0	138
50	Mechanical allodynia induced by optogenetic sensory nerve excitation activates dopamine signaling and metabolism in medial nucleus accumbens. <i>Neurochemistry International</i> , 2019, 129, 104494.	1.9	9
51	Quantitation of the neural silencing activity of anion channelrhodopsins in <i>Caenorhabditis elegans</i> and their applicability for long-term illumination. <i>Scientific Reports</i> , 2019, 9, 7863.	1.6	7
52	Acute nociceptive stimuli rapidly induce the activity of serotonin and noradrenalin neurons in the brain stem of awake mice. <i>IBRO Reports</i> , 2019, 7, 1-9.	0.3	13
53	CRISPR/Cas9-mediated in vivo gene editing reveals that neuronal 5-HT1A receptors in the dorsal raphe nucleus contribute to body temperature regulation in mice. <i>Brain Research</i> , 2019, 1719, 243-252.	1.1	7
54	Upconversion amplification through dielectric superlensing modulation. <i>Nature Communications</i> , 2019, 10, 1391.	5.8	114

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55	Opposing Roles of Dopamine Receptor D1- and D2-Expressing Neurons in the Anteromedial Olfactory Tubercle in Acquisition of Place Preference in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 50.	1.0	18
56	Preproenkephalin-expressing ventral pallidal neurons control inhibitory avoidance learning. <i>Neurochemistry International</i> , 2019, 126, 11-18.	1.9	8
57	Transgenic Archaelhodopsin-3 Expression in Hypocretin/Orexin Neurons Engenders Cellular Dysfunction and Features of Type 2 Narcolepsy. <i>Journal of Neuroscience</i> , 2019, 39, 9435-9452.	1.7	12
58	Dissociating orexin-dependent and -independent functions of orexin neurons using novel Orexin-Flp knock-in mice. <i>ELife</i> , 2019, 8, .	2.8	21
59	GABA neurons in the ventral tegmental area regulate non-rapid eye movement sleep in mice. <i>ELife</i> , 2019, 8, .	2.8	53
60	Functional identification of neurons regulate sleep and wakefulness. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 3-S24-1.	0.0	0
61	Involvement of orexin neurons in fasting- and central adenosine-induced hypothermia. <i>Scientific Reports</i> , 2018, 8, 2717.	1.6	24
62	Oxytocinâ€“Oxytocin Receptor Systems Facilitate Social Defeat Posture in Male Mice. <i>Endocrinology</i> , 2018, 159, 763-775.	1.4	55
63	Effect of ghrelin on the motor deficit caused by the ablation of nigrostriatal dopaminergic cells or the inhibition of striatal dopamine receptors. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1102-1108.	1.0	6
64	Activation of ventral tegmental area dopaminergic neurons reverses pathological allodynia resulting from nerve injury or bone cancer. <i>Molecular Pain</i> , 2018, 14, 174480691875640.	1.0	57
65	Extracellular N-acetylaspartylglutamate released in the nucleus accumbens modulates the pain sensation: Analysis using a microdialysis/mass spectrometry integrated system. <i>Molecular Pain</i> , 2018, 14, 174480691875493.	1.0	12
66	Role of GABA in the regulation of the central circadian clock of the suprachiasmatic nucleus. <i>Journal of Physiological Sciences</i> , 2018, 68, 333-343.	0.9	54
67	Sex differences in olfactory-induced neural activation of the amygdala. <i>Behavioural Brain Research</i> , 2018, 346, 96-104.	1.2	13
68	Wheel Slip Suppression Control Method Using Traction Motor Current Information of EMUs Driven by Multiple Traction Motors without Speed Sensors. , 2018, , .		2
69	Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. <i>Nature Communications</i> , 2018, 9, 4604.	5.8	46
70	Reward probability and timing uncertainty alter the effect of dorsal raphe serotonin neurons on patience. <i>Nature Communications</i> , 2018, 9, 2048.	5.8	54
71	Opiates increase the number of hypocretin-producing cells in human and mouse brain and reverse cataplexy in a mouse model of narcolepsy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	90
72	Acute Aversive Stimuli Rapidly Increase the Activity of Ventral Tegmental Area Dopamine Neurons in Awake Mice. <i>Neuroscience</i> , 2018, 386, 16-23.	1.1	28

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73	Inactivation of Serotonergic Neurons in the Rostral Medullary Raphanucleus Attenuates Stress-Induced Tachypnea and Tachycardia in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 832.	1.3	16
74	Anatomical Evidence for a Direct Projection from Purkinje Cells in the Mouse Cerebellar Vermis to Medial Parabrachial Nucleus. <i>Frontiers in Neural Circuits</i> , 2018, 12, 6.	1.4	31
75	Calcium Transient Dynamics of Neural Ensembles in the Primary Motor Cortex of Naturally Behaving Monkeys. <i>Cell Reports</i> , 2018, 24, 2191-2195.e4.	2.9	57
76	Partial ablation of the orexin field induces a sub-narcoleptic phenotype in a conditional mouse model of orexin neurodegeneration. <i>Sleep</i> , 2018, 41, .	0.6	11
77	Parallel Arousal Pathways in the Lateral Hypothalamus. <i>ENeuro</i> , 2018, 5, ENEURO.0228-18.2018.	0.9	13
78	Activation of hypothalamic μ -opioidergic system enhances the anti-tumor immune response. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-30.	0.0	0
79	Distinct serotonergic systems regulate anxiety, depression, and impulsivity. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR6-1.	0.0	0
80	Challenges in the development of therapeutics for narcolepsy. <i>Progress in Neurobiology</i> , 2017, 152, 89-113.	2.8	45
81	Optogenetic identification of hypothalamic orexin neuron projections to paraventricular spinally projecting neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H808-H817.	1.5	17
82	Lateral hypothalamic circuits for sleep/wake control. <i>Current Opinion in Neurobiology</i> , 2017, 44, 94-100.	2.0	56
83	Hypothalamic regulation of the sleep/wake cycle. <i>Neuroscience Research</i> , 2017, 118, 74-81.	1.0	51
84	Muscular mechanical hyperalgesia after lengthening contractions in rats depends on stretch velocity and range of motion. <i>European Journal of Pain</i> , 2017, 21, 125-139.	1.4	24
85	Generation of Heterogeneous Nucleus in Carbon Steel during Solidification by Magnesium Vapor Injected. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2017, 103, 12-18.	0.1	0
86	Generation of Heterogeneous Nucleus in Carbon Steel during Solidification by Magnesium Vapor Injection. <i>ISIJ International</i> , 2016, 56, 1420-1426.	0.6	4
87	Involvement of mesolimbic dopaminergic network in neuropathic pain relief by treadmill exercise. <i>Molecular Pain</i> , 2016, 12, 174480691668156.	1.0	37
88	Hypoxia and hypercapnia inhibit hypothalamic orexin neurons in rats. <i>Journal of Neurophysiology</i> , 2016, 116, 2250-2259.	0.9	19
89	The integrative role of orexin/hypocretin neurons in nociceptive perception and analgesic regulation. <i>Scientific Reports</i> , 2016, 6, 29480.	1.6	92
90	Top-down cortical input during NREM sleep consolidates perceptual memory. <i>Science</i> , 2016, 352, 1315-1318.	6.0	120

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91	Direct projections from hypothalamic orexin neurons to brainstem cardiac vagal neurons. <i>Neuroscience</i> , 2016, 339, 47-53.	1.1	21
92	Optogenetic activation of serotonergic terminals facilitates GABAergic inhibitory input to orexin/hypocretin neurons. <i>Scientific Reports</i> , 2016, 6, 36039.	1.6	34
93	Progressive Loss of the Orexin Neurons Reveals Dual Effects on Wakefulness. <i>Sleep</i> , 2016, 39, 369-377.	0.6	39
94	Near-infrared (NIR) up-conversion optogenetics. <i>Scientific Reports</i> , 2015, 5, 16533.	1.6	109
95	A Top-Down Cortical Circuit for Accurate Sensory Perception. <i>Neuron</i> , 2015, 86, 1304-1316.	3.8	308
96	Atomistic design of microbial opsin-based blue-shifted optogenetics tools. <i>Nature Communications</i> , 2015, 6, 7177.	5.8	78
97	TRPV4 activation at the physiological temperature is a critical determinant of neuronal excitability and behavior. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 2495-2507.	1.3	66
98	How genetically engineered systems are helping to define, and in some cases redefine, the neurobiological basis of sleep and wake. <i>Temperature</i> , 2015, 2, 406-417.	1.7	10
99	Theory of Spin-State Selective Nonlocal Screening in Co ₂ X-ray Photoemission Spectrum of LaCoO ₃ . <i>Journal of the Physical Society of Japan</i> , 2015, 84, 073706.	0.7	26
100	Insular neural system controls decision-making in healthy and methamphetamine-treated rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3930-9.	3.3	40
101	Peripheral and spinal mechanisms of nociception in a rat reserpine-induced pain model. <i>Pain</i> , 2015, 156, 415-427.	2.0	55
102	Neuronal Heterotopias Affect the Activities of Distant Brain Areas and Lead to Behavioral Deficits. <i>Journal of Neuroscience</i> , 2015, 35, 12432-12445.	1.7	36
103	Elucidation of Neuronal Circuitry Involved in the Regulation of Sleep/Wakefulness Using Optogenetics. , 2015, , 249-263.		0
104	Elucidation of Neuronal Circuitry Involved in the Regulation of Sleep/Wakefulness Using Optogenetics. , 2015, , 81-92.		0
105	Neuroscientific Frontline of Optogenetics. , 2015, , 241-248.		2
106	Influence of Mold Flux on Initial Solidification of Hypo-Peritectic Steel in A Continuous Casting Mold. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2014, 100, 581-590.	0.1	13
107	Conditional Ablation of Orexin/Hypocretin Neurons: A New Mouse Model for the Study of Narcolepsy and Orexin System Function. <i>Journal of Neuroscience</i> , 2014, 34, 6495-6509.	1.7	181
108	Modulation of water efflux through functional interaction between TRPV4 and TMEM16A/anoctamin 1. <i>FASEB Journal</i> , 2014, 28, 2238-2248.	0.2	90

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109	Optogenetic Manipulation of Activity and Temporally Controlled Cell-Specific Ablation Reveal a Role for MCH Neurons in Sleep/Wake Regulation. <i>Journal of Neuroscience</i> , 2014, 34, 6896-6909.	1.7	187
110	Optogenetic activation of serotonergic neurons enhances anxiety-like behaviour in mice. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1777-1783.	1.0	87
111	GABA _B Agonism Promotes Sleep and Reduces Cataplexy in Murine Narcolepsy. <i>Journal of Neuroscience</i> , 2014, 34, 6485-6494.	1.7	56
112	Concurrent and robust regulation of feeding behaviors and metabolism by orexin neurons. <i>Neuropharmacology</i> , 2014, 85, 451-460.	2.0	113
113	Optogenetic Activation of Dorsal Raphe Serotonin Neurons Enhances Patience for Future Rewards. <i>Current Biology</i> , 2014, 24, 2033-2040.	1.8	200
114	Optogenetic Countering of Glial Acidosis Suppresses Glial Glutamate Release and Ischemic Brain Damage. <i>Neuron</i> , 2014, 81, 314-320.	3.8	154
115	Generation Mechanism of Center Cavity in High-Cr Steel Cast. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2014, 100, 610-615.	0.1	0
116	Ectopic expression of melanopsin in orexin/hypocretin neurons enables control of wakefulness of mice in vivo by blue light. <i>Neuroscience Research</i> , 2013, 75, 23-28.	1.0	37
117	Long-lasting silencing of orexin/hypocretin neurons using archaerhodopsin induces slow-wave sleep in mice. <i>Behavioural Brain Research</i> , 2013, 255, 64-74.	1.2	117
118	Nociception originating from the crural fascia in rats. <i>Pain</i> , 2013, 154, 1103-1114.	2.0	51
119	The manipulation of neural and cellular activities by ectopic expression of melanopsin. <i>Neuroscience Research</i> , 2013, 75, 3-5.	1.0	27
120	Light-induced silencing of neural activity in Rosa26 knock-in mice conditionally expressing the microbial halorhodopsin eNpHR2.0. <i>Neuroscience Research</i> , 2013, 75, 53-58.	1.0	10
121	The physiological role of orexin/hypocretin neurons in the regulation of sleep/wakefulness and neuroendocrine functions. <i>Frontiers in Endocrinology</i> , 2013, 4, 18.	1.5	142
122	Influence of Inhibitory Serotonergic Inputs to Orexin/Hypocretin Neurons on the Diurnal Rhythm of Sleep and Wakefulness. <i>Sleep</i> , 2013, 36, 1391-1404.	0.6	42
123	Chronic Alterations in Monoaminergic Cells in the Locus Coeruleus in Orexin Neuron-Ablated Narcoleptic Mice. <i>PLoS ONE</i> , 2013, 8, e70012.	1.1	17
124	Control of Sleep/Wakefulness by Using Optogenetics for Study of Sleep Disease. <i>The Review of Laser Engineering</i> , 2013, 41, 92.	0.0	0
125	The regulation of sleep and wakefulness by the hypothalamic neuropeptide orexin/hypocretin. <i>Nagoya Journal of Medical Science</i> , 2013, 75, 29-36.	0.6	27
126	The Role of Orexin/Hypocretin in the Central Nervous System and Peripheral Tissues. <i>Vitamins and Hormones</i> , 2012, 89, 19-33.	0.7	43

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127	1SH-04 Optogenetics reveals function of neural network involved in the regulation of sleep/wakefulness(1SH Retinal proteins and optogenetics,Symposium,The 50th Annual Meeting of the Tj ETQq1 1 0784314 0 BT /Over	0.7	4314
128	Expanding the Repertoire of Optogenetically Targeted Cells with an Enhanced Gene Expression System. Cell Reports, 2012, 2, 397-406.	2.9	159
129	Influence of Mold Flux on Initial Solidification of Hypo-Peritectic Steel in a Continuous Casting Mold. ISIJ International, 2012, 52, 1310-1319.	0.6	67
130	Prediction of Solid-liquid Interfacial Energy of Steel during Solidification and Control of Dendrite Arm Spacing. ISIJ International, 2012, 52, 2235-2244.	0.6	8
131	Manipulation of neuronal activity by ectopic expression of melanopsin. Neuroscience Research, 2011, 71, e25.	1.0	0
132	Alterations in noradrenergic neurons in orexin neuron-deficient mice. Neuroscience Research, 2011, 71, e170.	1.0	0
133	Prediction of Solid-liquid Interfacial Energy of Steel during Solidification and Control of Dendrite Arm Spacing. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2011, 97, 457-466.	0.1	8
134	Neuropeptide B Induces Slow Wave Sleep in Mice. Sleep, 2011, 34, 31-37.	0.6	15
135	Acute Optogenetic Silencing of Orexin/Hypocretin Neurons Induces Slow-Wave Sleep in Mice. Journal of Neuroscience, 2011, 31, 10529-10539.	1.7	235
136	Generation Mechanism of Unevenness of Ultra Low Carbon Steel at Initial Stage of Solidification. ISIJ International, 2010, 50, 435-444.	0.6	16
137	New Approaches for the Study of Orexin Function. Journal of Neuroendocrinology, 2010, 22, 818-824.	1.2	12
138	Activation of Polycystic Kidney Disease-2-like 1 (PKD2L1)-PKD1L3 Complex by Acid in Mouse Taste Cells. Journal of Biological Chemistry, 2010, 285, 17277-17281.	1.6	45
139	Orexin Directly Excites Orexin Neurons through Orexin 2 Receptor. Journal of Neuroscience, 2010, 30, 12642-12652.	1.7	96
140	Involvement of TRPV2 Activation in Intestinal Movement through Nitric Oxide Production in Mice. Journal of Neuroscience, 2010, 30, 16536-16544.	1.7	75
141	Alterations in monoaminergic neurons in orexin neuron-ablated mice. Neuroscience Research, 2009, 65, S230.	1.0	0
142	Growth of Solidified Shell Just below the Meniscus in Continuous Casting Mold. ISIJ International, 2009, 49, 365-374.	0.6	46
143	Vasopressin Increases Locomotion through a V1a Receptor in Orexin/Hypocretin Neurons: Implications for Water Homeostasis. Journal of Neuroscience, 2008, 28, 228-238.	1.7	60
144	Generation Mechanism of Unevenness of Ultra Low Carbon Steel at Initial Stage of Solidification. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2008, 94, 507-516.	0.1	8

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145	Hypocretin/orexin and nociceptin/orphanin FQ coordinately regulate analgesia in a mouse model of stress-induced analgesia. <i>Journal of Clinical Investigation</i> , 2008, 118, 2471-81.	3.9	71
146	Orexin Neurons Are Directly and Indirectly Regulated by Catecholamines in a Complex Manner. <i>Journal of Neurophysiology</i> , 2006, 96, 284-298.	0.9	114
147	GABA Receptor-mediated modulation of hypocretin/orexin neurons in mouse hypothalamus. <i>Journal of Physiology</i> , 2006, 574, 399-414.	1.3	87
148	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.	3.3	158
149	Des-Acyl Ghrelin Induces Food Intake by a Mechanism Independent of the Growth Hormone Secretagogue Receptor. <i>Endocrinology</i> , 2006, 147, 2306-2314.	1.4	334
150	Prediction of Tensile Strength and Elongation of High Alloy Steels during Solidification. <i>ISIJ International</i> , 2006, 46, 1040-1046.	0.6	8
151	Cholecystokinin Activates Orexin/Hypocretin Neurons through the Cholecystokinin A Receptor. <i>Journal of Neuroscience</i> , 2005, 25, 7459-7469.	1.7	133
152	Input of Orexin/Hypocretin Neurons Revealed by a Genetically Encoded Tracer in Mice. <i>Neuron</i> , 2005, 46, 297-308.	3.8	430
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