

Yoshitaka Oka

List of Publications by Year in descending order

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145
papers

5,834
citations

70961

41
h-index

88477

70
g-index

149
all docs

149
docs citations

149
times ranked

2976
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate versus learned odour processing in the mouse olfactory bulb. <i>Nature</i> , 2007, 450, 503-508.	13.7	596
2	Identification of KiSS-1 Product Kisspeptin and Steroid-Sensitive Sexually Dimorphic Kisspeptin Neurons in Medaka (<i>Oryzias latipes</i>). <i>Endocrinology</i> , 2008, 149, 2467-2476.	1.4	209
3	Immunocytochemical demonstration of salmon GnRH and chicken GnRH-II in the brain of masu salmon, <i>Oncorhynchus masou</i> . <i>Journal of Comparative Neurology</i> , 1991, 314, 587-597.	0.9	187
4	Odorant Receptor Map in the Mouse Olfactory Bulb: In Vivo Sensitivity and Specificity of Receptor-Defined Glomeruli. <i>Neuron</i> , 2006, 52, 857-869.	3.8	172
5	Lesions of Gonadotropin-Releasing Hormone-Immunoreactive Terminal Nerve Cells: Effects on the Reproductive Behavior of Male Dwarf Gouramis. <i>Neuroendocrinology</i> , 1997, 65, 403-412.	1.2	161
6	Neurobiological mechanisms underlying GnRH pulse generation by the hypothalamus. <i>Brain Research</i> , 2010, 1364, 103-115.	1.1	155
7	A Neural Mechanism Underlying Mating Preferences for Familiar Individuals in Medaka Fish. <i>Science</i> , 2014, 343, 91-94.	6.0	151
8	Gonadotropin-releasing hormone (GnRH)-immunoreactive terminal nerve cells have intrinsic rhythmicity and project widely in the brain. <i>Journal of Neuroscience</i> , 1993, 13, 2161-2176.	1.7	148
9	Telencephalic and preoptic areas integrate sexual behavior in hime salmon (landlocked red salmon,) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> 1984, 33, 441-447.	1.0	140
10	Immunocytochemical localization of sGnRH and cGnRH-II in the brain of goldfish, <i>Carassius auratus</i> . <i>Journal of Comparative Neurology</i> , 1995, 356, 72-82.	0.9	137
11	Multiple gonadotropin-releasing hormone (GnRH)-immunoreactive systems in the brain of the dwarf gourami, <i>Colisa lalia</i> : Immunohistochemistry and radioimmunoassay. <i>Journal of Comparative Neurology</i> , 1995, 355, 354-368.	0.9	115
12	Possible Role of Oestrogen in Pubertal Increase of <i>Kiss1</i> Kisspeptin Expression in Discrete Hypothalamic Areas of Female Rats. <i>Journal of Neuroendocrinology</i> , 2009, 21, 527-537.	1.2	110
13	Evolution of the Hypothalamic-Pituitary-Gonadal Axis Regulation in Vertebrates Revealed by Knockout Medaka. <i>Endocrinology</i> , 2016, 157, 3994-4002.	1.4	107
14	Functional and evolutionary insights into vertebrate kisspeptin systems from studies of fish brain. <i>Journal of Fish Biology</i> , 2010, 76, 161-182.	0.7	95
15	Hypothalamic Kiss1 but Not Kiss2 Neurons Are Involved in Estrogen Feedback in Medaka (<i>Oryzias</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> 1.4 94	1.4	94
16	Gonadotropin-releasing hormone (GnRH) immunoreactive system in the brain of the dwarf gourami (<i>Colisa lalia</i>) as revealed by light microscopic immunocytochemistry using a monoclonal antibody to common amino acid sequence of GnRH. <i>Journal of Comparative Neurology</i> , 1990, 300, 511-522.	0.9	88
17	Neuroanatomical Evidence That Kisspeptin Directly Regulates Isotocin and Vasotocin Neurons. <i>PLoS ONE</i> , 2013, 8, e62776.	1.1	85
18	Evolutionally Conserved Function of Kisspeptin Neuronal System Is Nonreproductive Regulation as Revealed by Nonmammalian Study. <i>Endocrinology</i> , 2018, 159, 163-183.	1.4	83

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19	Involvement of the telencephalic hemispheres and the preoptic area in sexual behavior of the male goldfish, <i>Carassius auratus</i> : a brain-lesion study. <i>Behavioral and Neural Biology</i> , 1984, 40, 70-86.	2.3	81
20	Preoptic gonadotropin-releasing hormone (GnRH) neurons innervate the pituitary in teleosts. <i>Neuroscience Research</i> , 1998, 31, 31-38.	1.0	74
21	Descending pathways to the spinal cord in the herring salmon (landlocked red salmon, <i>Salmo gairdneri</i>) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	66
22	GnRH-Immunoreactive Neuronal System in the Presumptive Ancestral Chordate, <i>Ciona intestinalis</i> (Ascidian). <i>General and Comparative Endocrinology</i> , 1998, 112, 426-432.	0.8	65
23	Time-of-Day-Dependent Changes in GnRH1 Neuronal Activities and Gonadotropin mRNA Expression in a Daily Spawning Fish, Medaka. <i>Endocrinology</i> , 2012, 153, 3394-3404.	1.4	65
24	Gonadotropin-releasing hormone (GnRH) cells of the terminal nerve as a model neuromodulator system. <i>Neuroscience Letters</i> , 1992, 142, 119-122.	1.0	64
25	Three Types of Gonadotrophin-Releasing Hormone Neurones and Steroid-Sensitive Sexually Dimorphic Kisspeptin Neurones in Teleosts. <i>Journal of Neuroendocrinology</i> , 2009, 21, 334-338.	1.2	61
26	Steroid Sensitive <i>kiss2</i> Neurones in the Goldfish: Evolutionary Insights into the Duplicate Kisspeptin Gene-Expressing Neurones. <i>Journal of Neuroendocrinology</i> , 2012, 24, 897-906.	1.2	59
27	Membrane Hyperpolarization by Sperm-Activating and -Attracting Factor Increases cAMP Level and Activates Sperm Motility in the Ascidian <i>Ciona intestinalis</i> . <i>Developmental Biology</i> , 1999, 213, 246-256.	0.9	58
28	M6P/IGF2R tumor suppressor gene mutated in hepatocellular carcinomas in Japan. <i>Hepatology</i> , 2002, 35, 1153-1163.	3.6	58
29	Three GnRH systems in the brain and pituitary of a pleuronectiform fish, the barfin flounder <i>Verasper moseri</i> . <i>Cell and Tissue Research</i> , 2002, 309, 323-329.	1.5	56
30	Sex Differences in Aromatase Gene Expression in the Medaka Brain. <i>Journal of Neuroendocrinology</i> , 2011, 23, 412-423.	1.2	56
31	The origin of the centrifugal fibers to the olfactory bulb in the goldfish, <i>Carassius auratus</i> : An experimental study using the fluorescent dye primuline as a retrograde tracer. <i>Brain Research</i> , 1980, 185, 215-225.	1.1	52
32	Modulation of Pacemaker Activity by Salmon Gonadotropin-Releasing Hormone (sGnRH) in Terminal Nerve (TN)-GnRH Neurones. <i>Journal of Neurophysiology</i> , 2000, 83, 3196-3200.	0.9	52
33	Sexually dimorphic muscles in the forelimb of the Japanese toad, <i>Bufo japonicus</i> . <i>Journal of Morphology</i> , 1984, 180, 297-308.	0.6	51
34	Immunohistochemical localization of orexin/hypocretin-like immunoreactive peptides and melanin-concentrating hormone in the brain and pituitary of medaka. <i>Neuroscience Letters</i> , 2007, 427, 16-21.	1.0	50
35	Differential regulation of the luteinizing hormone genes in teleosts and tetrapods due to their distinct genomic environments - Insights into gonadotropin beta subunit evolution. <i>General and Comparative Endocrinology</i> , 2011, 173, 253-258.	0.8	50
36	Female-specific target sites for both oestrogen and androgen in the teleost brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 5014-5023.	1.2	50

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37	Neurobiological Study of Fish Brains Gives Insights into the Nature of Gonadotropin-Releasing Hormone 1 α -3 Neurons. <i>Frontiers in Endocrinology</i> , 2013, 4, 177.	1.5	49
38	Whole Brain-Pituitary In Vitro Preparation of the Transgenic Medaka (<i>Oryzias latipes</i>) as a Tool for Analyzing the Differential Regulatory Mechanisms of LH and FSH Release. <i>Endocrinology</i> , 2014, 155, 536-547.	1.4	49
39	Physiology and release activity of GnRH neurons. <i>Progress in Brain Research</i> , 2002, 141, 259-281.	0.9	48
40	Immunocytochemical localization and ontogenic development of melanin-concentrating hormone in the brain of a pleuronectiform fish, the barfin flounder. <i>Cell and Tissue Research</i> , 2003, 311, 71-77.	1.5	46
41	Gene knockout analysis reveals essentiality of estrogen receptor β 1 (Esr2a) for female reproduction in medaka. <i>Scientific Reports</i> , 2019, 9, 8868.	1.6	46
42	Cobaltic lysine study of the morphology and distribution of the cranial nerve efferent neurons (motoneurons and preganglionic parasympathetic neurons) and rostral spinal motoneurons in the Japanese toad. <i>Journal of Comparative Neurology</i> , 1987, 259, 400-423.	0.9	42
43	An HRP study of afferent connections of the supracommissural ventral telencephalon and the medial preoptic area in hime \hat{A} salmon (landlocked red salmon, <i>oncorhynchus nerka</i>). <i>Brain Research</i> , 1985, 361, 162-177.	1.1	41
44	Electrophysiological Analysis of the Inhibitory Effects of FMRFamide-Like Peptides on the Pacemaker Activity of Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neurophysiology</i> , 2010, 104, 3518-3529.	0.9	41
45	Golgi, electron-microscopic and combined golgi-electron-microscopic studies of the mitral cells in the goldfish olfactory bulb. <i>Neuroscience</i> , 1983, 8, 723-742.	1.1	40
46	Transmembrane Cell Signaling for the Initiation of Trout Sperm Motility: Roles of Ion Channels and Membrane Hyperpolarization for Cyclic AMP Synthesis. <i>Zoological Science</i> , 2001, 18, 919-928.	0.3	40
47	The Role of the Terminal Nerve and GnRH in Olfactory System Neuromodulation. <i>Zoological Science</i> , 2009, 26, 669-680.	0.3	40
48	Ultrastructure of the ganglion cells of the terminal nerve in the dwarf gourami (<i>Colisa lalia</i>). <i>Journal of Comparative Neurology</i> , 1991, 304, 161-171.	0.9	37
49	Characterization of TTX-resistant persistent Na ⁺ current underlying pacemaker potentials of fish gonadotropin-releasing hormone (GnRH) neurons. <i>Journal of Neurophysiology</i> , 1996, 75, 2397-2404.	0.9	37
50	Ontogenic development of salmon GnRH and chicken GnRH-II systems in the brain of masu salmon (<i>Oncorhynchus masu</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	37
51	The terminal nerve ganglion cells project to the olfactory mucosa in the dwarf gourami. <i>Neuroscience Research</i> , 2002, 44, 337-341.	1.0	37
52	Evolutionary Insights into the Steroid Sensitive kiss1 and kiss2 Neurons in the Vertebrate Brain. <i>Frontiers in Endocrinology</i> , 2012, 3, 28.	1.5	36
53	Retinopetal projections from a subpopulation of ganglion cells of the nervus terminalis in the dwarf gourami (<i>Colisa lalia</i>). <i>Brain Research</i> , 1986, 367, 341-345.	1.1	34
54	Tetrodotoxin-resistant persistent Na ⁺ current underlying pacemaker potentials of fish gonadotrophin-releasing hormone neurones.. <i>Journal of Physiology</i> , 1995, 482, 1-6.	1.3	34

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55	Regular Pacemaker Activity Characterizes Gonadotropin-Releasing Hormone 2 Neurons Recorded from Green Fluorescent Protein-Transgenic Medaka. <i>Endocrinology</i> , 2010, 151, 695-701.	1.4	34
56	Anatomical distribution of sex steroid hormone receptors in the brain of female medaka. <i>Journal of Comparative Neurology</i> , 2013, 521, 1760-1780.	0.9	32
57	Different Modes of Gonadotropin-Releasing Hormone (GnRH) Release from Multiple GnRH Systems as Revealed by Radioimmunoassay Using Brain Slices of a Teleost, the Dwarf Gourami (<i>Colisa lalia</i>). <i>Endocrinology</i> , 2004, 145, 2092-2103.	1.4	30
58	Immunocytochemical localization and ontogenic development of α -melanocyte-stimulating hormone (α -MSH) in the brain of a pleuronectiform fish, barfin flounder. <i>Cell and Tissue Research</i> , 2005, 320, 127-134.	1.5	30
59	Central distribution of kiss2 neurons and peri-pubertal changes in their expression in the brain of male and female red seabream <i>Pagrus major</i> . <i>General and Comparative Endocrinology</i> , 2012, 175, 432-442.	0.8	30
60	Dynamic evolution of the GnRH receptor gene family in vertebrates. <i>BMC Evolutionary Biology</i> , 2014, 14, 215.	3.2	30
61	Expression and Putative Function of Kisspeptins and Their Receptors During Early Development in Medaka. <i>Endocrinology</i> , 2013, 154, 3437-3446.	1.4	29
62	Mechanisms of the Modulation of Pacemaker Activity by GnRH Peptides in the Terminal Nerve-GnRH Neurons. <i>Zoological Science</i> , 2002, 19, 111-128.	0.3	28
63	Efferents from the supracommissural ventral telencephalon in the hime salmon (landlocked red) Tj ETQq1 1 0.784314 rgBT /Overlock 55-61.	1.4	27
64	GnRH suppresses excitability of visual processing neurons in the optic tectum. <i>Journal of Neurophysiology</i> , 2015, 114, 2775-2784.	0.9	27
65	TMC4 is a novel chloride channel involved in high-concentration salt taste sensation. <i>Journal of Physiological Sciences</i> , 2021, 71, 23.	0.9	27
66	Ultrastructural characterization of gonadotropin-releasing hormone (GnRH)-immunoreactive terminal nerve cells in the dwarf gourami. <i>Neuroscience Letters</i> , 1992, 140, 200-202.	1.0	26
67	Excitatory Action of GABA in the Terminal Nerve Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neurophysiology</i> , 2010, 103, 1375-1384.	0.9	26
68	Neuromodulatory Effect of GnRH on the Synaptic Transmission of the Olfactory Bulbar Neural Circuit in Goldfish, <i>Carassius auratus</i> . <i>Journal of Neurophysiology</i> , 2010, 104, 3540-3550.	0.9	26
69	Ascending pathways from the spinal cord in the himÃ© salmon (landlocked red salmon, oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Over 24	0.9	24
70	Mechanisms of Neuromodulation by a Nonhypophysiotropic GnRH System Controlling Motivation of Reproductive Behavior in the Teleost Brain. <i>Journal of Reproduction and Development</i> , 2011, 57, 665-674.	0.5	24
71	Biochemical and Immunohistochemical Analyses of a GnRH-like Peptide in the Neural Ganglia of the Pacific Abalone <i>Haliotis Discus Hannai</i> (Gastropoda). <i>Zoological Science</i> , 2010, 27, 656-661.	0.3	22
72	Multiple functions of non-hypophysiotropic gonadotropin releasing hormone neurons in vertebrates. <i>Zoological Letters</i> , 2019, 5, 23.	0.7	22

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73	Distribution of motoneurons involved in the prey-catching behavior in the Japanese toad, <i>Bufo japonicus</i> . <i>Brain Research</i> , 1987, 410, 395-400.	1.1	21
74	Gonadotropin-releasing hormone neurons in the gourami midbrain: a double labeling study by immunocytochemistry and tracer injection. <i>Neuroscience Letters</i> , 1998, 240, 50-52.	1.0	21
75	Characterization of K ⁺ Currents Underlying Pacemaker Potentials of Fish Gonadotropin-Releasing Hormone Cells. <i>Journal of Neurophysiology</i> , 1999, 81, 643-653.	0.9	21
76	Strategies for Sperm Chemotaxis in the Siphonophores and Ascidians: A Numerical Simulation Study. <i>Biological Bulletin</i> , 2004, 206, 95-102.	0.7	21
77	Immunohistochemical localization and ontogenic development of prolactin-releasing peptide in the brain of the ovoviviparous fish species <i>Poecilia reticulata</i> (guppy). <i>Neuroscience Letters</i> , 2007, 413, 206-209.	1.0	21
78	Morphological analysis of the early development of telencephalic and diencephalic gonadotropin-releasing hormone neuronal systems in enhanced green fluorescent protein-expressing transgenic medaka lines. <i>Journal of Comparative Neurology</i> , 2016, 524, 896-913.	0.9	21
79	Female-Specific Glucose Sensitivity of GnRH1 Neurons Leads to Sexually Dimorphic Inhibition of Reproduction in Medaka. <i>Endocrinology</i> , 2016, 157, 4318-4329.	1.4	21
80	Neuropeptide RFRP inhibits the pacemaker activity of terminal nerve GnRH neurons. <i>Journal of Neurophysiology</i> , 2013, 109, 2354-2363.	0.9	20
81	Kiss1 Neurons Drastically Change Their Firing Activity in Accordance With the Reproductive State: Insights From a Seasonal Breeder. <i>Endocrinology</i> , 2014, 155, 4868-4880.	1.4	20
82	Examination of methods for manipulating serum 17 β -Estradiol (E2) levels by analysis of blood E2 concentration in medaka (<i>Oryzias latipes</i>). <i>General and Comparative Endocrinology</i> , 2020, 285, 113272.	0.8	20
83	Light-sensitive voltage responses in the neurons of the cerebral ganglion of <i>Ciona savignyi</i> (Chordata: Ascidiacea). <i>Biological Bulletin</i> , 2000, 198, 26-28.	0.7	19
84	Chaotropic ions and multivalent ions activate sperm in the viviparous fish guppy <i>Poecilia reticulata</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 173-180.	1.1	19
85	Terminal Nerve Gonadotrophin-Releasing Hormone (GnRH) Neurones Express Multiple GnRH Receptors in a Teleost, the Dwarf Gourami (<i>Colisa lalia</i>). <i>Journal of Neuroendocrinology</i> , 2007, 19, 475-479.	1.2	19
86	Immunohistochemical localization of a GnRH-like peptide in the brain of the cephalopod spear-squid, <i>Loligo bleekeri</i> . <i>General and Comparative Endocrinology</i> , 2008, 156, 277-284.	0.8	18
87	Coordinated Synchronization in the Electrically Coupled Network of Terminal Nerve Gonadotropin-Releasing Hormone Neurons as Demonstrated by Double Patch-Clamp Study. <i>Endocrinology</i> , 2008, 149, 3540-3548.	1.4	18
88	Structure, Synthesis, and Phylogeny of Kisspeptin and its Receptor. <i>Advances in Experimental Medicine and Biology</i> , 2013, 784, 9-26.	0.8	18
89	Morphology and distribution of the motor neurons of the accessory nerve (nXI) in the Japanese toad: a cobaltic lysine study. <i>Brain Research</i> , 1987, 400, 383-388.	1.1	17
90	Immunohistochemical double-labeling study of gonadotropin-releasing hormone (GnRH)-immunoreactive cells and oxytocin-immunoreactive cells in the preoptic area of the dwarf gourami, <i>Colisa lalia</i> . <i>Neuroscience Research</i> , 1994, 20, 189-193.	1.0	17

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91	Biochemical Analysis and Immunohistochemical Examination of a GnRH-like Immunoreactive Peptide in the Central Nervous System of a Decapod Crustacean, the Kuruma Prawn (<i>Marsupenaeus</i>) <i>TJ ETQq1</i> 1 0.784314 <i>OrgBT /Overlock</i> 10		
92	Sexually dimorphic expression of the sex chromosome-linked genes <i>cntfa</i> and <i>pdlim3a</i> in the medaka brain. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 113-119.	1.0	17
93	Sexually Dimorphic Neuropeptide B Neurons in Medaka Exhibit Activated Cellular Phenotypes Dependent on Estrogen. <i>Endocrinology</i> , 2019, 160, 827-839.	1.4	17
94	High-Frequency Firing Activity of GnRH1 Neurons in Female Medaka Induces the Release of GnRH1 Peptide From Their Nerve Terminals in the Pituitary. <i>Endocrinology</i> , 2017, 158, 2603-2617.	1.4	17
95	Electrophysiological Characteristics of Gonadotrophin-Releasing Hormone 1-3 Neurones: Insights From a Study of Fish Brains. <i>Journal of Neuroendocrinology</i> , 2010, 22, 659-663.	1.2	16
96	Amperometric recording of gonadotropin-releasing hormone release activity in the pituitary of the dwarf gourami (<i>teleosat</i>) brain-pituitary slices. <i>Neuroscience Letters</i> , 2001, 299, 121-124.	1.0	15
97	Morphology and distribution of the preganglionic parasympathetic neurons of the facial, glossopharyngeal and vagus nerves in the Japanese toad: a cobaltic lysine study. <i>Brain Research</i> , 1987, 400, 389-395.	1.1	14
98	Selective Modulation of Voltage-Gated Calcium Channels in the Terminal Nerve Gonadotropin-Releasing Hormone Neurons of a Teleost, the Dwarf Gourami (<i>Colisa lalia</i>). <i>Endocrinology</i> , 2004, 145, 4489-4499.	1.4	14
99	Glutamate receptors in the terminal nerve gonadotropin-releasing hormone neurons of the dwarf gourami (teleost). <i>Neuroscience Letters</i> , 2003, 345, 113-116.	1.0	13
100	Expression of Vesicular Glutamate Transporter-2.1 in Medaka Terminal Nerve Gonadotrophin-Releasing Hormone Neurones. <i>Journal of Neuroendocrinology</i> , 2011, 23, 570-576.	1.2	13
101	Encoding of Different Aspects of Afferent Activities by Two Types of Cells in the Corpus Glomerulosum of a Teleost Brain. <i>Journal of Neurophysiology</i> , 2001, 85, 1167-1177.	0.9	12
102	Anatomical relations between neuropeptide Y, galanin, and gonadotropin-releasing hormone in the brain of chondrosteian, the Siberian sturgeon <i>Acipenser baeri</i> . <i>Neuroscience Letters</i> , 2011, 503, 87-92.	1.0	12
103	Neuromodulatory Functions of Terminal Nerve-GnRH Neurons. <i>Fish Physiology</i> , 2006, 25, 455-503.	0.2	11
104	Interaction between neuropeptide Y immunoreactive neurons and galanin immunoreactive neurons in the brain of the masu salmon, <i>Oncorhynchus masou</i> . <i>Neuroscience Letters</i> , 2009, 462, 33-38.	1.0	11
105	Neurones in the Preoptic Area of the Male Goldfish are Activated by a Sex Pheromone $17\beta,20\beta$ -Dihydroxy-4-Pregnen-3-One. <i>Journal of Neuroendocrinology</i> , 2015, 27, 123-130.	1.2	11
106	Ontogenic Development of Three GnRH Systems in the Brain of a Pleuronectiform Fish, Barfin Flounder. <i>Zoological Science</i> , 2004, 21, 311-317.	0.3	10
107	Effects of Olfactory Tract Section on the Immunohistochemical Distribution of Brain GnRH Fibers in the Female Goldfish, <i>Carassius auratus</i> . <i>Zoological Science</i> , 2001, 18, 241-248.	0.3	9
108	Dopaminergic neuromodulation of synaptic transmission between mitral and granule cells in the teleost olfactory bulb. <i>Journal of Neurophysiology</i> , 2012, 107, 1313-1324.	0.9	9

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109	Burst generation mediated by cholinergic input in terminal nerve GONADOTROPHIN RELEASING HORMONE neurones of the goldfish. <i>Journal of Physiology</i> , 2013, 591, 5509-5523.	1.3	9
110	Multiple gonadotrophin-releasing hormone systems in non-mammalian vertebrates: Ontogeny, anatomy, and physiology. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13068.	1.2	9
111	Slow removal of Na ⁺ channel inactivation underlies the temporal filtering property in the teleost thalamic neurons. <i>Journal of Physiology</i> , 2002, 539, 743-753.	1.3	8
112	Morphological Analysis of the Axonal Projections of EGFP-Labeled Esr1-Expressing Neurons in Transgenic Female Medaka. <i>Endocrinology</i> , 2018, 159, 1228-1241.	1.4	8
113	Location of forelimb motoneurons in the Japanese toad (<i>Bufo japonicus</i>): A horseradish peroxidase study. <i>Journal of Comparative Neurology</i> , 1989, 286, 376-383.	0.9	7
114	Primary Culture of the Isolated Terminal Nerve GONADOTROPHIN-RELEASING HORMONE NEURONES DERIVED FROM ADULT TELEOST (DWARF GOURAMI, <i>Colisa lalia</i>) BRAIN FOR THE STUDY OF PEPTIDE RELEASE MECHANISMS. <i>Journal of Neuroendocrinology</i> , 2009, 21, 489-505.	1.2	7
115	Biochemical and Immunohistochemical Analyses of GnRH-like Peptides in the Nerve Ganglion of the Chiton, <i>Acanthopleura japonica</i> . <i>Zoological Science</i> , 2010, 27, 924-930.	0.3	7
116	Juvenile-Specific Burst Firing of Terminal Nerve GnRH3 Neurons Suggests Novel Functions in Addition to Neuromodulation. <i>Endocrinology</i> , 2018, 159, 1678-1689.	1.4	7
117	Co-existing Neuropeptide FF and Gonadotropin-Releasing Hormone 3 Coordinately Modulate Male Sexual Behavior. <i>Endocrinology</i> , 2022, 163, .	1.4	7
118	Telencephalic afferents in the goldfish: An anterograde degeneration study. <i>Brain Research Bulletin</i> , 1981, 7, 391-394.	1.4	6
119	Imaging postsynaptic activities of teleost thalamic neurons at single cell resolution using a voltage-sensitive dye. <i>Neuroscience Letters</i> , 2001, 312, 17-20.	1.0	6
120	Establishment of open-source semi-automated behavioral analysis system and quantification of the difference of sexual motivation between laboratory and wild strains. <i>Scientific Reports</i> , 2021, 11, 10894.	1.6	6
121	Calcium oscillations in the olfactory nonsensory cells of the goldfish, <i>Carassius auratus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1681-1688.	1.1	5
122	The glossopharyngeal nerve of the axolotl labeled with carbocyanine dye (dil). <i>Neuroscience Letters</i> , 1991, 131, 125-128.	1.0	4
123	Integrated analyses using medaka as a powerful model animal toward understanding various aspects of reproductive regulation. , 2022, , 215-243.		4
124	Effects of Characteristic Dendritic Tip Geometry on the Electrical Properties of Teleost Thalamic Neurons. <i>Journal of Neurophysiology</i> , 2001, 85, 2289-2292.	0.9	3
125	An improved method for correlative light and electron microscopic examination of cobaltic-lysine-labelled neurons. <i>Neuroscience Letters</i> , 1987, 73, 187-191.	1.0	2
126	GnRH systems in masu salmon and barfin flounder. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 19-22.	0.9	2

#	ARTICLE	IF	CITATIONS
127	Existence of multiple isoforms of GnRH ligands and receptors in the dwarf gourami, <i>Colisa lalia</i> . <i>Fish Physiology and Biochemistry</i> , 2003, 28, 41-42.	0.9	1
128	Identification and Expression Analysis of Peroxisome Proliferator-Activated Receptors cDNA in a Reptile, the Leopard Gecko (<i>Eublepharis macularius</i>). <i>Zoological Science</i> , 2008, 25, 492-502.	0.3	1
129	A curvature controlled flexible silicon micro electrode array to wrap neurons for signal analysis. , 2009, , .		1
130	Kisspeptin. , 2021, , 21-23.		1
131	Estrogen upregulates the firing activity of hypothalamic gonadotropin-releasing hormone (GnRH1) neurons in the evening in female medaka. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13101.	1.2	1
132	Horseradish peroxidase study of the localization of motoneurons in the accessory nucleus (XI) of the Japanese toad. <i>Neuroscience Letters</i> , 1987, 79, 241-245.	1.0	0
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134	Introduction. <i>General and Comparative Endocrinology</i> , 1998, 112, 275.	0.8	0
135	Erratum to "Amperometric recording of gonadotropin-releasing hormone release activity in the pituitary of the dwarf gourami (teleost) brain-pituitary slices" [Neurosci. Lett. 299 (2001) 121-124]. <i>Neuroscience Letters</i> , 2001, 305, 207.	1.0	0
136	Hofmeister Effect Underlying the Quiescence of Sperm Motility in the Vas Deferens of the Viviparous guppy <i>Poecilia reticulata</i> . <i>Zoological Science</i> , 2007, 24, 1259-1265.	0.3	0
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138	Isolated primary culture of the terminal nerve (TN)-GnRH neurons derived from the brain of a tropical teleost. <i>Neuroscience Research</i> , 2007, 58, S222.	1.0	0
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141	1. Neuropeptides controlling reproductive function. <i>Nippon Suisan Gakkaishi</i> , 2009, 75, 856-857.	0.0	0
142	Neural mechanism for female mating preference of medaka mediated by visual information. <i>Neuroscience Research</i> , 2011, 71, e267.	1.0	0
143	Kisspeptin. , 2016, , 10-e1B-2.		0
144	Tropical Fish Brain as a Model System for the Neurobiological Study of Peptidergic Neurons. <i>Seibutsu Butsuri</i> , 2000, 40, 254-257.	0.0	0

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145	Cell Signalings for Activation of Motility and Chemotaxis in the Sperm of Ciona. , 2001, , 86-91.		0