Shinji Kanda

List of Publications by Year
in descending order

42 papers	1,555 citations	361413 20 h-index	361022 35 g-index
47 all docs	47 docs citations	47 times ranked	892 citing authors

#	Article	IF	Citations
1	Medaka as a model teleost: characteristics and approaches of genetic modification. , 2022, , 185-213.		2
2	Integrated analyses using medaka as a powerful model animal toward understanding various aspects of reproductive regulation. , 2022, , 215-243.		4
3	Estrogen upregulates the firing activity of hypothalamic gonadotropinâ€releasing hormone (GnRH1) neurons in the evening in female medaka. Journal of Neuroendocrinology, 2022, 34, e13101.	2.6	1
4	Co-existing Neuropeptide FF and Gonadotropin-Releasing Hormone 3 Coordinately Modulate Male Sexual Behavior. Endocrinology, 2022, 163, .	2.8	7
5	Roles of the ClC chloride channel CLH-1 in food-associated salt chemotaxis behavior of C. elegans. ELife, 2021, 10, .	6.0	4
6	Kisspeptin. , 2021, , 21-23.		1
7	Divalent metal transporter-related protein restricts animals to marine habitats. Communications Biology, 2021, 4, 463.	4.4	2
8	Establishment of open-source semi-automated behavioral analysis system and quantification of the difference of sexual motivation between laboratory and wild strains. Scientific Reports, 2021, 11, 10894.	3.3	6
9	Open-source semi-automated behavioral analysis system with Raspberry Pi and behavioral annotation macro. Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry), 2021, 38, 87-94.	0.0	0
10	TMC4 is a novel chloride channel involved in high-concentration salt taste sensation. Journal of Physiological Sciences, 2021, 71, 23.	2.1	27
11	Transmembrane channel-like 4 is involved in pH and temperature-dependent modulation of salty taste. Bioscience, Biotechnology and Biochemistry, 2021, 85, 2295-2299.	1.3	6
12	Examination of methods for manipulating serum 17Î²-Estradiol (E2) levels by analysis of blood E2 concentration in medaka (Oryzias latipes). General and Comparative Endocrinology, 2020, 285, 113272.	1.8	20
13	Gonadectomy and Blood Sampling Procedures in the Small Size Teleost Model Japanese Medaka (Oryzias latipes). Journal of Visualized Experiments, 2020, , .	0.3	7
14	Gene knockout analysis reveals essentiality of estrogen receptor Î²1 (Esr2a) for female reproduction in medaka. Scientific Reports, 2019, 9, 8868.	3.3	46
15	Sexually Dimorphic Neuropeptide B Neurons in Medaka Exhibit Activated Cellular Phenotypes Dependent on Estrogen. Endocrinology, 2019, 160, 827-839.	2.8	17
16	Evolution of the regulatory mechanisms for the hypothalamic-pituitary-gonadal axis in vertebratesâ€“hypothesis from a comparative view. General and Comparative Endocrinology, 2019, 284, 113075.	1.8	52
17	Morphological Analysis of the Axonal Projections of EGFP-Labeled Esr1-Expressing Neurons in Transgenic Female Medaka. Endocrinology, 2018, 159, 1228-1241.	2.8	8
18	Evolutionally Conserved Function of Kisspeptin Neuronal System Is Nonreproductive Regulation as Revealed by Nonmammalian Study. Endocrinology, 2018, 159, 163-183.	2.8	83

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19	Small Teleosts Provide Hints Toward Understanding the Evolution of the Central Regulatory Mechanisms of Reproduction. , 2018, , 99-111.		2
20	Kisspeptin. , 2016, , 10-e1B-2.		0
21	Female-Specific Glucose Sensitivity of GnRH1 Neurons Leads to Sexually Dimorphic Inhibition of Reproduction in Medaka. Endocrinology, 2016, 157, 4318-4329.	2.8	21
22	Evolution of the Hypothalamic-Pituitary-Gonadal Axis Regulation in Vertebrates Revealed by Knockout Medaka. Endocrinology, 2016, 157, 3994-4002.	2.8	107
23	Whole Brain-Pituitary In Vitro Preparation of the Transgenic Medaka (Oryzias latipes) as a Tool for Analyzing the Differential Regulatory Mechanisms of LH and FSH Release. Endocrinology, 2014, 155, 536-547.	2.8	49
24	Kiss1 Neurons Drastically Change Their Firing Activity in Accordance With the Reproductive State: Insights From a Seasonal Breeder. Endocrinology, 2014, 155, 4868-4880.	2.8	20
25	Anatomical distribution of sex steroid hormone receptors in the brain of female medaka. Journal of Comparative Neurology, 2013, 521, 1760-1780.	1.6	32
26	Structure, Synthesis, and Phylogeny of Kisspeptin and its Receptor. Advances in Experimental Medicine and Biology, 2013, 784, 9-26.	1.6	18
27	Neuroanatomical Evidence That Kisspeptin Directly Regulates Isotocin and Vasotocin Neurons. PLoS ONE, 2013, 8, e62776.	2.5	85
28	Female-specific target sites for both oestrogen and androgen in the teleost brain. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 5014-5023.	2.6	50
29	Time-of-Day-Dependent Changes in GnRH1 Neuronal Activities and Gonadotropin mRNA Expression in a Daily Spawning Fish, Medaka. Endocrinology, 2012, 153, 3394-3404.	2.8	65
30	Evolutionary Insights into the Steroid Sensitive kiss1 and kiss2 Neurons in the Vertebrate Brain. Frontiers in Endocrinology, 2012, 3, 28.	3.5	36
31	Steroid Sensitive <i>kiss2</i> Neurones in the Goldfish: Evolutionary Insights into the Duplicate Kisspeptin Geneâ€Expressing Neurones. Journal of Neuroendocrinology, 2012, 24, 897-906.	2.6	59
32	Central distribution of kiss2 neurons and peri-pubertal changes in their expression in the brain of male and female red seabream Pagrus major. General and Comparative Endocrinology, 2012, 175, 432-442.	1.8	30
33	Sex Differences in Aromatase Gene Expression in the Medaka Brain. Journal of Neuroendocrinology, 2011, 23, 412-423.	2.6	56
34	Expression of Vesicular Glutamate Transporter-2.1 in Medaka Terminal Nerve Gonadotrophin-Releasing Hormone Neurones. Journal of Neuroendocrinology, 2011, 23, 570-576.	2.6	13
35	Differential regulation of the luteinizing hormone genes in teleosts and tetrapods due to their distinct genomic environments â€" Insights into gonadotropin beta subunit evolution. General and Comparative Endocrinology, 2011, 173, 253-258.	1.8	50
36	Functional and evolutionary insights into vertebrate kisspeptin systems from studies of fish brain. Journal of Fish Biology, 2010, 76, 161-182.	1.6	95

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37	Regular Pacemaker Activity Characterizes Gonadotropin-Releasing Hormone 2 Neurons Recorded from Green Fluorescent Protein-Transgenic Medaka. Endocrinology, 2010, 151, 695-701.	2.8	34
38	Hypothalamic Kiss1 but Not Kiss2 Neurons Are Involved in Estrogen Feedback in Medaka (Oryzias) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	94
39	Possible Role of Oestrogen in Pubertal Increase of <i>Kiss1</i>/Kisspeptin Expression in Discrete Hypothalamic Areas of Female Rats. Journal of Neuroendocrinology, 2009, 21, 527-537.	2.6	110
40	1. Neuropeptides controlling reproductive function. Nippon Suisan Gakkaishi, 2009, 75, 856-857.	0.1	0
41	Biological activities of single-chain goldfish follicle-stimulating hormone and luteinizing hormone. Aquaculture, 2008, 274, 408-415.	3.5	25
42	Identification of KiSS-1 Product Kisspeptin and Steroid-Sensitive Sexually Dimorphic Kisspeptin Neurons in Medaka (Oryzias latipes). Endocrinology, 2008, 149, 2467-2476.	2.8	209