Kataaki Okubo

List of Publications by Year
in descending order

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		394421	345221
42	1,416	19	36
papers	citations	h-index	g-index

47	47	47	955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and functional evolution of gonadotropinâ€releasing hormone in vertebrates. Acta Physiologica, 2008, 193, 3-15.	3.8	244
2	A Neural Mechanism Underlying Mating Preferences for Familiar Individuals in Medaka Fish. Science, 2014, 343, 91-94.	12.6	151
3	Forebrain Gonadotropin-Releasing Hormone Neuronal Development: Insights from Transgenic Medaka and the Relevance to X-Linked Kallmann Syndrome. Endocrinology, 2006, 147, 1076-1084.	2.8	121
4	Neuroanatomical Evidence That Kisspeptin Directly Regulates Isotocin and Vasotocin Neurons. PLoS ONE, 2013, 8, e62776.	2.5	85
5	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
6	A novel third gonadotropin-releasing hormone receptor in the medaka Oryzias latipes: evolutionary and functional implications. Gene, 2003, 314, 121-131.	2.2	56
7	Sex Differences in Aromatase Gene Expression in the Medaka Brain. Journal of Neuroendocrinology, 2011, 23, 412-423.	2.6	56
8	Sex differences in the expression of vasotocin/isotocin, gonadotropin-releasing hormone, and tyrosine and tryptophan hydroxylase family genes in the medaka brain. Neuroscience, 2012, 218, 65-77.	2.3	54
9	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
10	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
11	Embryonic development of gonadotrope cells and gonadotropic hormones â€“ Lessons from model fish. Molecular and Cellular Endocrinology, 2014, 385, 18-27.	3.2	40
12	Estrogen receptor 2b is the major determinant of sex-typical mating behavior and sexual preference in medaka. Current Biology, 2021, 31, 1699-1710.e6.	3.9	36
13	Neuropeptide B Is Female-Specifically Expressed in the Telencephalic and Preoptic Nuclei of the Medaka Brain. Endocrinology, 2014, 155, 1021-1032.	2.8	35
14	Neuropeptide B mediates female sexual receptivity in medaka fish, acting in a female-specific but reversible manner. ELife, 2019, 8, .	6.0	34
15	Structural characterization of GnRH loci in the medaka genome. Gene, 2002, 293, 181-189.	2.2	31
16	Teleocortin: A Novel Member of the CRH Family in Teleost Fish. Endocrinology, 2015, 156, 2949-2957.	2.8	29
17	Post-Proliferative Immature Radial Glial Cells Female-Specifically Express Aromatase in the Medaka Optic Tectum. PLoS ONE, 2013, 8, e73663.	2.5	27
18	RFamide Peptides in Early Vertebrate Development. Frontiers in Endocrinology, 2014, 5, 203.	3.5	21

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19	Morphological analysis of the early development of telencephalic and diencephalic gonadotropinâ€releasing hormone neuronal systems in enhanced green fluorescent proteinâ€expressing transgenic medaka lines. Journal of Comparative Neurology, 2016, 524, 896-913.	1.6	21
20	Three urocortins in medaka: identification and spatial expression in the central nervous system. Journal of Neuroendocrinology, 2017, 29, .	2.6	18
21	A conceptual framework for understanding sexual differentiation of the teleost brain. General and Comparative Endocrinology, 2019, 284, 113129.	1.8	18
22	Seasonal regulation of the lncRNA LDAIR modulates self-protective behaviours during the breeding season. Nature Ecology and Evolution, 2019, 3, 845-852.	7.8	18
23	Sexually dimorphic expression of the sex chromosome-linked genes cntfa and pdlim3a in the medaka brain. Biochemical and Biophysical Research Communications, 2014, 445, 113-119.	2.1	17
24	Sexually Dimorphic Neuropeptide B Neurons in Medaka Exhibit Activated Cellular Phenotypes Dependent on Estrogen. Endocrinology, 2019, 160, 827-839.	2.8	17
25	Androgen-dependent sexual dimorphism in pituitary tryptophan hydroxylase expression: relevance to sex differences in pituitary hormones. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200713.	2.6	17
26	Male-predominant galanin mediates androgen-dependent aggressive chases in medaka. ELife, 2020, 9, .	6.0	17
27	Expression of isotocin is maleâ€specifically upâ€regulated by gonadal androgen in the medaka brain. Journal of Neuroendocrinology, 2017, 29, e12545.	2.6	16
28	Glucocorticoid receptor exhibits sexually dimorphic expression in the medaka brain. General and Comparative Endocrinology, 2015, 223, 47-53.	1.8	15
29	Three mRNA species for mammalian-type gonadotropin-releasing hormone in the brain of the eel Anguilla japonica. Molecular and Cellular Endocrinology, 2002, 192, 17-25.	3.2	12
30	hebp3, a Novel Member of the Heme-Binding Protein Gene Family, Is Expressed in the Medaka Meninges With Higher Abundance in Females Due to a Direct Stimulating Action of Ovarian Estrogens. Endocrinology, 2013, 154, 920-930.	2.8	8
31	Conserved physical linkage of GnRH-R and RBM8 in the medaka and human genomes. Biochemical and Biophysical Research Communications, 2002, 293, 327-331.	2.1	7
32	Co-existing Neuropeptide FF and Gonadotropin-Releasing Hormone 3 Coordinately Modulate Male Sexual Behavior. Endocrinology, 2022, 163, .	2.8	7
33	Gonadotropin-releasing hormone gene products downregulate the expression of their neighboring genes that encode protein tyrosine phosphatases Î± and Îµ. Biochemical and Biophysical Research Communications, 2003, 312, 531-536.	2.1	5
34	Estrogen mediates sex differences in preoptic neuropeptide and pituitary hormone production in medaka. Communications Biology, 2021, 4, 948.	4.4	5
35	Molecular cloning and expression of corticotropin-releasing hormone and urotensin I in the medaka, <i>Oryzias latipes</i>. Fisheries Science, 2002, 68, 1281-1282.	1.6	4
36	GnRH systems in masu salmon and barfin flounder. Fish Physiology and Biochemistry, 2003, 28, 19-22.	2.3	2

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37	The expression and localization of corticotropin-releasing hormone and urotensinÂI transcripts in the Japanese eel, Anguilla japonica. Fish Physiology and Biochemistry, 2003, 28, 43-44.	2.3	2
38	Identification of growth hormone receptor in the ovary of tilapia, Oreochromis mossambicus. Fish Physiology and Biochemistry, 2003, 28, 211-212.	2.3	2
39	GnRH gene products downregulate their neighboring genes encoding protein tyrosine phosphatases. Fish Physiology and Biochemistry, 2003, 28, 23-24.	2.3	1
40	Localization of three forms of gonadotropin-releasing hormone in the brain and pituitary of the self-fertilizing fish, Kryptolebias marmoratus. Fish Physiology and Biochemistry, 2019, 45, 753-771.	2.3	1
41	Looking at the mechanisms underlying sexual maturation of fish brain. Nippon Suisan Gakkaishi, 2013, 79, 619-622.	0.1	0
42	Identification of gonadotropin-releasing hormones and their receptors in the medaka. Fisheries Science, 2002, 68, 667-670.	1.6	0