

Kazutoshi Yamamoto

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108
papers

2,909
citations

26
h-index

49
g-index

108
ext. papers

3,038
ext. citations

3.9
avg, IF

4.3
L-index

#	Paper	IF	Citations
108	Mice lacking bombesin receptor subtype-3 develop metabolic defects and obesity. <i>Nature</i> , 1997 , 390, 165-9	50.4	267
107	Aspects of amphibian metamorphosis: hormonal control. <i>International Review of Cytology</i> , 1993 , 145, 105-48		205
106	Bullfrog ghrelin is modified by n-octanoic acid at its third threonine residue. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40441-8	5.4	125
105	A novel amphibian hypothalamic neuropeptide: isolation, localization, and biological activity. <i>Endocrinology</i> , 2002 , 143, 411-9	4.8	121
104	Melatonin stimulates the release of gonadotropin-inhibitory hormone by the avian hypothalamus. <i>Endocrinology</i> , 2010 , 151, 271-80	4.8	120
103	Novel neuropeptides related to frog growth hormone-releasing peptide: isolation, sequence, and functional analysis. <i>Endocrinology</i> , 2003 , 144, 3879-84	4.8	96
102	Radioimmunoassay of prolactin in plasma of bullfrog tadpoles. <i>Endocrinologia Japonica</i> , 1982 , 29, 159-67		90
101	Silefrin, a sodefrin-like pheromone in the abdominal gland of the sword-tailed newt, <i>Cynops ensicauda</i> . <i>FEBS Letters</i> , 2000 , 472, 267-70	3.8	79
100	Generation and characterization of mice lacking gastrin-releasing peptide receptor. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 239, 28-33	3.4	78
99	Molecular basis for the activation of gonadotropin-inhibitory hormone gene transcription by corticosterone. <i>Endocrinology</i> , 2014 , 155, 1817-26	4.8	74
98	Mollusc gonadotropin-releasing hormone directly regulates gonadal functions: a primitive endocrine system controlling reproduction. <i>General and Comparative Endocrinology</i> , 2012 , 176, 167-72	3	57
97	Radioimmunoassay of a newt sex pheromone, sodefrin, and the influence of hormones on its level in the abdominal gland. <i>General and Comparative Endocrinology</i> , 1996 , 104, 356-63	3	53
96	Peptide and protein pheromones in amphibians. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002 , 132, 69-74	2.3	51
95	Purification and properties of bullfrog prolactin. <i>Endocrinologia Japonica</i> , 1981 , 28, 59-64		50
94	Development of radioimmunoassay for bullfrog thyroid-stimulating hormone (TSH): effects of hypothalamic releasing hormones on the release of TSH from the pituitary in vitro. <i>General and Comparative Endocrinology</i> , 2004 , 135, 42-50	3	48
93	Involvement of the corticotropin-releasing factor (CRF) type 2 receptor in CRF-induced thyrotropin release by the amphibian pituitary gland. <i>General and Comparative Endocrinology</i> , 2007 , 150, 437-44	3	46
92	Characterization of the spermiation response, luteinizing hormone release and sperm quality in the American toad (<i>Bufo americanus</i>) and the endangered Wyoming toad (<i>Bufo baxteri</i>). <i>Reproduction, Fertility and Development</i> , 2000 , 12, 51-8	1.8	39

91	Inhibitory action of gonadotropin-inhibitory hormone on the signaling pathways induced by kisspeptin and vasoactive intestinal polypeptide in GnRH neuronal cell line, GT1-7. <i>FASEB Journal</i> , 2016 , 30, 2198-210	0.9	38
90	Elevation of plasma prolactin concentrations by low temperature is the cause of spermatogonial cell death in the newt, <i>Cynops pyrrhogaster</i> . <i>General and Comparative Endocrinology</i> , 1999 , 113, 302-11	3	37
89	Involvement of endogenous prolactin in the expression of courtship behavior in the newt, <i>Cynops pyrrhogaster</i> . <i>General and Comparative Endocrinology</i> , 1996 , 102, 191-6	3	36
88	Bisphenol A acts differently from and independently of thyroid hormone in suppressing thyrotropin release from the bullfrog pituitary. <i>General and Comparative Endocrinology</i> , 2008 , 155, 574-80	3	34
87	Molecular cloning of bullfrog corticotropin-releasing factor (CRF): effect of homologous CRF on the release of TSH from pituitary cells in vitro. <i>General and Comparative Endocrinology</i> , 2004 , 138, 218-27	3	31
86	Peptide pheromones in newts. <i>Peptides</i> , 2004 , 25, 1531-6	3.8	31
85	Growth hormone and prolactin in amphibian reproduction. <i>Zoological Science</i> , 1995 , 12, 683-94	0.8	30
84	Isolation, characterization and bioactivity of a region-specific pheromone, [Val8]sodefrin from the newt <i>Cynops pyrrhogaster</i> . <i>Peptides</i> , 2007 , 28, 774-80	3.8	29
83	Neuroendocrine regulation of thyroid-stimulating hormone secretion in amphibians. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1163, 262-70	6.5	27
82	Interaction of relaxin-like gonad-stimulating substance with ovarian follicle cells of the starfish <i>Asterina pectinifera</i> . <i>Zoological Science</i> , 2011 , 28, 764-9	0.8	25
81	Prolactin acts centrally to enhance newt courtship behavior. <i>General and Comparative Endocrinology</i> , 2005 , 141, 172-7	3	25
80	The alpha-subunit of glycoprotein hormones exists in the prolactin secretory granules of the bullfrog (<i>Rana catesbeiana</i>) pituitary gland. <i>Cell and Tissue Research</i> , 1992 , 267, 223-31	4.2	25
79	A Novel Amphibian Hypothalamic Neuropeptide: Isolation, Localization, and Biological Activity		25
78	Cloning of bullfrog thyroid-stimulating hormone (TSH) beta subunit cDNA: expression of TSHbeta mRNA during metamorphosis. <i>General and Comparative Endocrinology</i> , 2000 , 119, 224-31	3	24
77	Release of alpha-subunit of glycoprotein hormones from the bullfrog pituitary: possible effect of alpha-subunit on prolactin cell function. <i>General and Comparative Endocrinology</i> , 1996 , 102, 141-6	3	24
76	Identification of immunoreactive plasma and stomach ghrelin, and expression of stomach ghrelin mRNA in the bullfrog, <i>Rana catesbeiana</i> . <i>General and Comparative Endocrinology</i> , 2006 , 148, 236-44	3	23
75	VIP and PACAP stimulate TSH release from the bullfrog pituitary. <i>Peptides</i> , 2007 , 28, 1784-9	3.8	22
74	Preliminary study on the receptor of gonad-stimulating substance (GSS) as a gonadotropin of starfish. <i>General and Comparative Endocrinology</i> , 2007 , 153, 299-301	3	21

73	Hormonal control of in vitro vitellogenin synthesis in <i>Rana esculenta</i> liver: effects of mammalian and amphibian growth hormone. <i>General and Comparative Endocrinology</i> , 1992 , 88, 406-14	3	21
72	Purification and properties of newt prolactin. <i>General and Comparative Endocrinology</i> , 1990 , 77, 63-9	3	21
71	Purification and characterization of toad prolactin. <i>General and Comparative Endocrinology</i> , 1986 , 63, 104-9	3	21
70	Localization of three types of arginine vasotocin receptors in the brain and pituitary of the newt <i>Cynops pyrrhogaster</i> . <i>Cell and Tissue Research</i> , 2010 , 342, 437-57	4.2	20
69	Localization of orexin-A-like immunoreactivity in prolactin cells in the bullfrog (<i>Rana catesbeiana</i>) pituitary. <i>General and Comparative Endocrinology</i> , 2004 , 135, 186-92	3	20
68	Urinary prostasin in humans: relationships among prostasin, aldosterone and epithelial sodium channel activity. <i>Hypertension Research</i> , 2009 , 32, 276-81	4.7	19
67	Female-attracting pheromone in newt cloacal glands. <i>Brain Research Bulletin</i> , 1997 , 44, 415-22	3.9	19
66	Thyroid hormones inhibit frog corticotropin-releasing factor-induced thyrotropin release from the bullfrog pituitary in vitro. <i>General and Comparative Endocrinology</i> , 2005 , 144, 122-7	3	19
65	Amphibian prolactins: activity in the eft skin transepithelial potential bioassay. <i>General and Comparative Endocrinology</i> , 1991 , 82, 1-7	3	19
64	Thyrotropin-releasing hormone (TRH) is the major prolactin-releasing factor in the bullfrog hypothalamus. <i>General and Comparative Endocrinology</i> , 1993 , 89, 11-6	3	19
63	Development and application of homologous radioimmunoassay for newt prolactin. <i>General and Comparative Endocrinology</i> , 1990 , 79, 83-8	3	19
62	Effect of prolactin antiserum on growth and resorption of tadpole tail. <i>Endocrinologia Japonica</i> , 1982 , 29, 81-5		19
61	Processing of multiple forms of preprosodefrin in the abdominal gland of the red-bellied newt <i>Cynops pyrrhogaster</i> : regional and individual differences in preprosodefrin gene expression. <i>Peptides</i> , 2004 , 25, 1537-43	3.8	18
60	Effect of prolactin and androgen on the expression of the female-attracting pheromone silefrin in the abdominal gland of the newt, <i>Cynops ensicauda</i> . <i>Biology of Reproduction</i> , 2000 , 63, 1867-72	3.9	18
59	The complete amino acid sequence of prolactin from the bullfrog, <i>Rana catesbeiana</i> . <i>General and Comparative Endocrinology</i> , 1991 , 83, 218-26	3	18
58	Synthesis and storage of prolactin in the pituitary gland of bullfrog tadpoles during metamorphosis. <i>General and Comparative Endocrinology</i> , 1986 , 62, 247-53	3	18
57	Roles of arginine vasotocin receptors in the brain and pituitary of submammalian vertebrates. <i>International Review of Cell and Molecular Biology</i> , 2013 , 304, 191-225	6	17
56	Neuroendocrine modulation of stress response in the anuran, <i>Rana esculenta</i> . <i>Amphibia - Reptilia</i> , 2006 , 27, 401-408	1.2	17

55	Possible direct induction by estrogen of calcitonin secretion from ultimobranchial cells in the goldfish. <i>General and Comparative Endocrinology</i> , 2004 , 138, 121-7	3	17
54	Localization of prolactin receptor in the newt brain. <i>Cell and Tissue Research</i> , 2005 , 320, 477-85	4.2	17
53	Imorin: a sexual attractiveness pheromone in female red-bellied newts (<i>Cynops pyrrhogaster</i>). <i>Scientific Reports</i> , 2017 , 7, 41334	4.9	16
52	Molecular cloning and functional characterization of a prolactin-releasing peptide homolog from <i>Xenopus laevis</i> . <i>Peptides</i> , 2006 , 27, 3347-51	3.8	16
51	Changes in plasma and pituitary levels of prolactin in the toad, <i>Bufo japonicus</i> , throughout the year with special reference to the breeding migration. <i>General and Comparative Endocrinology</i> , 1989 , 74, 365-72	3	16
50	D2 Dopamine receptor subtype mediates the inhibitory effect of dopamine on TRH-induced prolactin release from the bullfrog pituitary. <i>General and Comparative Endocrinology</i> , 2010 , 168, 287-92	3	15
49	Molecular cloning of bullfrog prolactin receptor cDNA: changes in prolactin receptor mRNA level during metamorphosis. <i>General and Comparative Endocrinology</i> , 2004 , 138, 200-10	3	15
48	Amphibian pheromones and endocrine control of their secretion. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1040, 123-30	6.5	15
47	Enhancement by proopiomelanocortin-derived peptides of growth hormone and prolactin secretion by bullfrog pituitary cells. <i>General and Comparative Endocrinology</i> , 1999 , 115, 101-9	3	15
46	Homologous radioimmunoassay for plasma and pituitary prolactin in the toad, <i>Bufo japonicus</i> . <i>General and Comparative Endocrinology</i> , 1989 , 74, 373-6	3	15
45	Effects of thyroid hormone, stalk section, and transplantation of the pituitary gland on plasma prolactin levels at metamorphic climax in <i>Rana catesbeiana</i> . <i>General and Comparative Endocrinology</i> , 1986 , 64, 129-35	3	15
44	Growth-promoting and antimetamorphic hormone in pituitary glands of bullfrogs. <i>General and Comparative Endocrinology</i> , 1980 , 41, 212-6	3	15
43	Prolactin opens the sensitive period for androgen regulation of a larynx-specific myosin heavy chain gene. <i>Journal of Neurobiology</i> , 1999 , 41, 443-451		14
42	Participation of Gs-proteins in the action of relaxin-like gonad-stimulating substance (GSS) for 1-methyladenine production in starfish ovarian follicle cells. <i>General and Comparative Endocrinology</i> , 2012 , 176, 432-7	3	13
41	Hormonal action of relaxin-like gonad-stimulating substance (GSS) on starfish ovaries in growing and fully grown states. <i>General and Comparative Endocrinology</i> , 2011 , 172, 85-9	3	13
40	Estrogen receptors in the stingray (<i>Dasyatis akajei</i>) ultimobranchial gland. <i>General and Comparative Endocrinology</i> , 1996 , 101, 107-14	3	13
39	Up-regulation of FSHR expression during gonadal sex determination in the frog <i>Rana rugosa</i> . <i>General and Comparative Endocrinology</i> , 2011 , 172, 475-86	3	12
38	Ghrelin Receptor in Two Species of Anuran Amphibian, Bullfrog (<i>Rana catesbeiana</i>), and Japanese Tree Frog (<i>Hyla japonica</i>). <i>Frontiers in Endocrinology</i> , 2011 , 2, 31	5.7	11

37	Molecular cloning of bullfrog D2 dopamine receptor cDNA: Tissue distribution of three isoforms of D2 dopamine receptor mRNA. <i>General and Comparative Endocrinology</i> , 2010 , 168, 143-8	3	11
36	Frog corticotropin-releasing hormone (CRH): isolation, molecular cloning, and biological activity. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1040, 150-5	6.5	11
35	Effects of pituitary adenylate cyclase-activating polypeptide, vasoactive intestinal polypeptide, and somatostatin on the release of thyrotropin from the bullfrog pituitary. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1070, 474-80	6.5	10
34	Expression of prolactin receptor mRNA in the abdominal gland of the newt <i>Cynops ensicauda</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2004 , 138, 79-88 ^{2.6}	2.6	10
33	Isolation and characterization of two forms of <i>Xenopus</i> prolactin. <i>General and Comparative Endocrinology</i> , 1993 , 91, 307-17	3	10
32	Temperature-dependent prolactin secretion and reproductive biology of the newt <i>Triturus carnifex</i> Laur. <i>General and Comparative Endocrinology</i> , 2002 , 126, 261-8	3	9
31	Production of a recombinant newt growth hormone and its application for the development of a radioimmunoassay. <i>General and Comparative Endocrinology</i> , 2000 , 117, 103-16	3	9
30	INHIBITION OF THYROXINE-INDUCED RESORPTION OF TADPOLE TAIL BY ADENOSINE 3', 5'-CYCLIC MONOPHOSPHATE. <i>Development Growth and Differentiation</i> , 1979 , 21, 255-261	3	9
29	A genetically female brain is required for a regular reproductive cycle in chicken brain chimeras. <i>Nature Communications</i> , 2013 , 4, 1372	17.4	8
28	Melatonin stimulates the release of growth hormone and prolactin by a possible induction of the expression of frog growth hormone-releasing peptide and its related peptide-2 in the amphibian hypothalamus. <i>Endocrinology</i> , 2008 , 149, 962-70	4.8	8
27	Binding of aldosterone by epidermal cytosol in the tail of bullfrog larvae. <i>General and Comparative Endocrinology</i> , 1993 , 89, 283-90	3	8
26	Immunocytochemical Localization of Estrogen Receptor in Various Anterior Pituitary Hormone Cells of Adult Male and Female Rats.. <i>Acta Histochemica Et Cytochemica</i> , 1993 , 26, 609-614	1.9	8
25	Sodefrin and Related Pheromones 2013 , 384-390		7
24	Effect of Activin A and Follistatin on the Release of Pituitary Hormones in the Bullfrog <i>Rana catesbeiana</i> . <i>Zoological Science</i> , 2000 , 17, 971-975	0.8	7
23	Development and application of a homologous radioimmunoassay for <i>Xenopus</i> prolactin. <i>General and Comparative Endocrinology</i> , 1995 , 99, 28-34	3	7
22	Immunocytochemical and ultrastructural study of <i>Rana dalmatina</i> PRL and GH pituitary cells during larval development. <i>General and Comparative Endocrinology</i> , 1993 , 89, 364-77	3	7
21	Arginine vasotocin is the major adrenocorticotrophic hormone-releasing factor in the bullfrog <i>Rana catesbeiana</i> . <i>General and Comparative Endocrinology</i> , 2016 , 237, 121-130	3	7
20	Possible involvement of thyrotropin-releasing hormone receptor 3 in the release of prolactin in the metamorphosing bullfrog larvae. <i>General and Comparative Endocrinology</i> , 2018 , 267, 36-44	3	6

19	Involvement of Gβ-proteins in the action of relaxin-like gonad-stimulating substance on starfish ovarian follicle cells. <i>General and Comparative Endocrinology</i> , 2014 , 205, 80-7	3	6
18	Radioimmunoassay of relaxin-like gonad-stimulating peptide in the starfish <i>Patiria</i> (=Asterina) pectinifera. <i>General and Comparative Endocrinology</i> , 2017 , 243, 84-88	3	5
17	Structures and diverse functions of frog growth hormone-releasing peptide (fGRP) and its related peptides (fGRP-RPs): a review. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2006 , 305, 815-21		5
16	Effects of guan-mu-tong (<i>Caulis aristolochiae manshuriensis</i>) in combination with other natural products on normal and preneoplastic mammary gland growth in mice. <i>The American Journal of Chinese Medicine</i> , 1997 , 25, 79-88	6	4
15	Pituitary immunocytochemistry and prolactin plasma levels in hypophysectomized female newts, <i>Triturus camifex</i> , bearing a long-term pituitary autograft. <i>Bollettino Di Zoologia</i> , 1995 , 62, 239-242		4
14	Impaired Development of Somatotropes, Lactotropes and Thyrotropes in Growth-Retarded (grt) Mice. <i>Journal of Toxicologic Pathology</i> , 2009 , 22, 187-94	1.4	4
13	Regionally specific occurrence of an active sodefrin variant in the red-bellied newt. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1040, 351-3	6.5	3
12	Non-genomic action of testosterone mediates avian vocal behavior.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1998 , 74, 132-135	4	3
11	Improvement by guan-mu-tong (<i>Caulis aristolochiae manshuriensis</i>) of lactation in mice. <i>The American Journal of Chinese Medicine</i> , 1995 , 23, 159-65	6	3
10	Effect of growth hormone-containing fraction obtained from bullfrog hypophyses on growth of <i>Xenopus</i> juveniles.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1984 , 60, 69-72	4	3
9	Characterization of estrogen receptor in estrogen-dependent transplantable rat pituitary tumor MtT/F84. <i>Endocrinologia Japonica</i> , 1990 , 37, 451-62		2
8	Postmetamorphic changes in parvalbumin expression in the hindlimb skeletal muscle of the bullfrog, <i>Rana catesbeiana</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003 , 1646, 42-8	4	1
7	Cosecretion of prolactin and growth hormone by dispersed pituitary cells of the adult bullfrog, <i>Rana catesbeiana</i> . <i>General and Comparative Endocrinology</i> , 2001 , 122, 10-6	3	1
6	The similar mammary tumour potentials in virgins and breeders of SHN mice. <i>Experimental Animals</i> , 1993 , 42, 631-4	1.8	1
5	Female-Attracting Peptide Pheromone in Newt Cloacal Glands 1999 , 127-136		1
4	Delayed Postnatal Growth and Anterior Pituitary Development in Growth-Retarded () Female Mice. <i>Zoological Science</i> , 2021 , 38, 238-246	0.8	0
3	Effects of Coffee Cherry on Lactation in Mice: Improvement of Nesting Behavior. <i>Journal of Reproduction and Development</i> , 1997 , 43, 199-204	2.1	
2	Effect of Ovariectomy on Mammary Gland Expression of TGF.ALPHA. and EGFR mRNAs and its Relation to Mammary Gland Involution in Mice.. <i>Journal of Reproduction and Development</i> , 1998 , 44, 371-375	2.1	

- 1 Incapacity of 1-Methyladenine Production to Relaxin-Like Gonad-Stimulating Substance in Ca^{2+} -Free Seawater-Treated Starfish Ovarian Follicle Cells **2014**, 123-129