Kazutoshi Yamamoto

List of Publications by Year
in descending order

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108 papers	3,290 citations	186265 28 h-index	175258 52 g-index
108 all docs	108 docs citations	108 times ranked	1774 citing authors

#	Article	IF	Citations
1	Mice lacking bombesin receptor subtype-3 develop metabolic defects and obesity. Nature, 1997, 390, 165-169.	27.8	295
2	Aspects of Amphibian Metamorphosis: Hormonal Control. International Review of Cytology, 1993, 145, 105-148.	6.2	242
3	Bullfrog Ghrelin Is Modified by n-Octanoic Acid at Its Third Threonine Residue. Journal of Biological Chemistry, 2001, 276, 40441-40448.	3.4	149
4	Melatonin Stimulates the Release of Gonadotropin-Inhibitory Hormone by the Avian Hypothalamus. Endocrinology, 2010, 151, 271-280.	2.8	133
5	A Novel Amphibian Hypothalamic Neuropeptide: Isolation, Localization, and Biological Activity. Endocrinology, 2002, 143, 411-419.	2.8	129
6	Novel Neuropeptides Related to Frog Growth Hormone-Releasing Peptide: Isolation, Sequence, and Functional Analysis. Endocrinology, 2003, 144, 3879-3884.	2.8	105
7	Radioimmunoassay of prolactin in plasma of bullfrog tadpoles.. Endocrinologia Japonica, 1982, 29, 159-167.	0.5	99
8	Molecular Basis for the Activation of Gonadotropin-Inhibitory Hormone Gene Transcription by Corticosterone. Endocrinology, 2014, 155, 1817-1826.	2.8	88
9	Generation and Characterization of Mice Lacking Gastrin-Releasing Peptide Receptor. Biochemical and Biophysical Research Communications, 1997, 239, 28-33.	2.1	84
10	Silefrin, a sodefrin-like pheromone in the abdominal gland of the sword-tailed newt, Cynops ensicauda. FEBS Letters, 2000, 472, 267-270.	2.8	84
11	Mollusc gonadotropin-releasing hormone directly regulates gonadal functions: A primitive endocrine system controlling reproduction. General and Comparative Endocrinology, 2012, 176, 167-172.	1.8	67
12	Peptide and protein pheromones in amphibians. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 69-74.	1.6	63
13	Radioimmunoassay of a Newt Sex Pheromone, Sodefrin, and the Influence of Hormones on Its Level in the Abdominal Gland. General and Comparative Endocrinology, 1996, 104, 356-363.	1.8	59
14	Purification and properties of bullfrog prolactin.. Endocrinologia Japonica, 1981, 28, 59-64.	0.5	54
15	Development of radioimmunoassay for bullfrog thyroid-stimulating hormone (TSH): effects of hypothalamic releasing hormones on the release of TSH from the pituitary in vitro. General and Comparative Endocrinology, 2004, 135, 42-50.	1.8	54
16	Inhibitory action of gonadotropinâ€inhibitory hormone on the signaling pathways induced by kisspeptin and vasoactive intestinal polypeptide in GnRH neuronal cell line, GT1â€“7. FASEB Journal, 2016, 30, 2198-2210.	0.5	52
17	Involvement of the corticotropin-releasing factor (CRF) type 2 receptor in CRF-induced thyrotropin release by the amphibian pituitary gland. General and Comparative Endocrinology, 2007, 150, 437-444.	1.8	50
18	Elevation of Plasma Prolactin Concentrations by Low Temperature Is the Cause of Spermatogonial Cell Death in the Newt,Cynops pyrrhogaster. General and Comparative Endocrinology, 1999, 113, 302-311.	1.8	45

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19	Characterization of the spermiation response, luteinizing hormone release and sperm quality in the American toad (Bufo americanus) and the endangered Wyoming toad (Bufo baxteri). Reproduction, Fertility and Development, 2000, 12, 51.	0.4	44
20	Involvement of Endogenous Prolactin in the Expression of Courtship Behavior in the Newt,Cynops pyrrhogaster. General and Comparative Endocrinology, 1996, 102, 191-196.	1.8	41
21	Bisphenol A acts differently from and independently of thyroid hormone in suppressing thyrotropin release from the bullfrog pituitary. General and Comparative Endocrinology, 2008, 155, 574-580.	1.8	35
22	Molecular cloning of bullfrog corticotropin-releasing factor (CRF): effect of homologous CRF on the release of TSH from pituitary cells in vitro. General and Comparative Endocrinology, 2004, 138, 218-227.	1.8	34
23	Peptide pheromones in newts. Peptides, 2004, 25, 1531-1536.	2.4	34
24	Neuroendocrine Regulation of Thyroidâ€stimulating Hormone Secretion in Amphibians. Annals of the New York Academy of Sciences, 2009, 1163, 262-270.	3.8	33
25	Interaction of Relaxin-Like Gonad-Stimulating Substance with Ovarian Follicle Cells of the StarfishAsterina pectinifera. Zoological Science, 2011, 28, 764-769.	0.7	32
26	Growth Hormone and Prolactin in Amphibian Reproduction. Zoological Science, 1995, 12, 683-694.	0.7	31
27	Isolation, characterization and bioactivity of a region-specific pheromone, [Val8]sodefrin from the newt Cynops pyrrhogaster. Peptides, 2007, 28, 774-780.	2.4	30
28	The alpha-subunit of glycoprotein hormones exists in the prolactin secretory granules of the bullforg (Rana catesbeiana) pituitary gland. Cell and Tissue Research, 1992, 267, 223-231.	2.9	28
29	Release of Î±-Subunit of Glycoprotein Hormones from the Bullfrog Pituitary: Possible Effect of Î±-Subunit on Prolactin Cell Function. General and Comparative Endocrinology, 1996, 102, 141-146.	1.8	26
30	Cloning of Bullfrog Thyroid-Stimulating Hormone (TSH) Î² Subunit cDNA: Expression of TSHÎ² mRNA during Metamorphosis. General and Comparative Endocrinology, 2000, 119, 224-231.	1.8	26
31	Identification of immunoreactive plasma and stomach ghrelin, and expression of stomach ghrelin mRNA in the bullfrog, Rana catesbeiana. General and Comparative Endocrinology, 2006, 148, 236-244.	1.8	26
32	Prolactin acts centrally to enhance newt courtship behavior. General and Comparative Endocrinology, 2005, 141, 172-177.	1.8	25
33	A Novel Amphibian Hypothalamic Neuropeptide: Isolation, Localization, and Biological Activity. Endocrinology, 2002, 143, 411-419.	2.8	25
34	Purification and characterization of toad prolactin. General and Comparative Endocrinology, 1986, 63, 104-109.	1.8	24
35	Localization of orexin-A-like immunoreactivity in prolactin cells in the bullfrog (Rana catesbeiana) pituitary. General and Comparative Endocrinology, 2004, 135, 186-192.	1.8	23
36	Purification and properties of newt prolactin. General and Comparative Endocrinology, 1990, 77, 63-69.	1.8	22

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37	Hormonal control of in vitro vitellogenin synthesis in Rana esculenta liver: Effects of mammalian and amphibian growth hormone. General and Comparative Endocrinology, 1992, 88, 406-414.	1.8	22
38	Thyrotropin-Releasing Hormone (TRH) Is the Major Prolactin-Releasing Factor in the Bullfrog Hypothalamus. General and Comparative Endocrinology, 1993, 89, 11-16.	1.8	22
39	Possible direct induction by estrogen of calcitonin secretion from ultimobranchial cells in the goldfish. General and Comparative Endocrinology, 2004, 138, 121-127.	1.8	22
40	VIP and PACAP stimulate TSH release from the bullfrog pituitary. Peptides, 2007, 28, 1784-1789.	2.4	22
41	Preliminary study on the receptor of gonad-stimulating substance (GSS) as a gonadotropin of starfish. General and Comparative Endocrinology, 2007, 153, 299-301.	1.8	22
42	Effect of prolactin antiserum on growth and resorption of tadpole tail.. Endocrinologia Japonica, 1982, 29, 81-85.	0.5	21
43	Development and application of homologous radioimmunoassay for newt prolactin. General and Comparative Endocrinology, 1990, 79, 83-88.	1.8	21
44	Amphibian prolactins: Activity in the eft skin transepithelial potential bioassay. General and Comparative Endocrinology, 1991, 82, 1-7.	1.8	21
45	Female-Attracting Pheromone in Newt Cloacal Glands. Brain Research Bulletin, 1997, 44, 415-422.	3.0	21
46	Urinary prostasin in humans: relationships among prostasin, aldosterone and epithelial sodium channel activity. Hypertension Research, 2009, 32, 276-281.	2.7	21
47	Localization of three types of arginine vasotocin receptors in the brain and pituitary of the newt Cynops pyrrhogaster. Cell and Tissue Research, 2010, 342, 437-457.	2.9	21
48	Roles of Arginine Vasotocin Receptors in the Brain and Pituitary of Submammalian Vertebrates. International Review of Cell and Molecular Biology, 2013, 304, 191-225.	3.2	21
49	Imorin: a sexual attractiveness pheromone in female red-bellied newts (Cynops pyrrhogaster). Scientific Reports, 2017, 7, 41334.	3.3	21
50	Hormonal action of relaxin-like gonad-stimulating substance (GSS) on starfish ovaries in growing and fully grown states. General and Comparative Endocrinology, 2011, 172, 85-89.	1.8	20
51	Growth-promoting and antimetamorphic hormone in pituitary glands of bullfrogs. General and Comparative Endocrinology, 1980, 41, 212-216.	1.8	19
52	Synthesis and storage of prolactin in the pituitary gland of bullfrog tadpoles during metamorphosis. General and Comparative Endocrinology, 1986, 62, 247-253.	1.8	19
53	The complete amino acid sequence of prolactin from the bullfrog, Rana catesbeiana. General and Comparative Endocrinology, 1991, 83, 218-226.	1.8	19
54	Thyroid hormones inhibit frog corticotropin-releasing factor-induced thyrotropin release from the bullfrog pituitary in vitro. General and Comparative Endocrinology, 2005, 144, 122-127.	1.8	19

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55	Effect of Prolactin and Androgen on the Expression of the Female-Attracting Pheromone Silefrin in the Abdominal Gland of the Newt, Cynops ensicauda1. Biology of Reproduction, 2000, 63, 1867-1872.	2.7	18
56	Molecular cloning of bullfrog prolactin receptor cDNA: changes in prolactin receptor mRNA level during metamorphosis. General and Comparative Endocrinology, 2004, 138, 200-210.	1.8	18
57	Processing of multiple forms of preprosodefrin in the abdominal gland of the red-bellied newt Cynops pyrrhogaster: regional and individual differences in preprosodefrin gene expression. Peptides, 2004, 25, 1537-1543.	2.4	18
58	Localization of prolactin receptor in the newt brain. Cell and Tissue Research, 2005, 320, 477-485.	2.9	18
59	Changes in plasma and pituitary levels of prolactin in the toad, Bufo japonicus, throughout the year with special reference to the breeding migration. General and Comparative Endocrinology, 1989, 74, 365-372.	1.8	17
60	Molecular cloning and functional characterization of a prolactin-releasing peptide homolog from Xenopus laevis. Peptides, 2006, 27, 3347-3351.	2.4	17
61	Neuroendocrine modulation of stress response in the anuran, Rana esculenta. Amphibia - Reptilia, 2006, 27, 401-408.	0.5	17
62	D2 Dopamine receptor subtype mediates the inhibitory effect of dopamine on TRH-induced prolactin release from the bullfrog pituitary. General and Comparative Endocrinology, 2010, 168, 287-292.	1.8	17
63	Participation of Gs-proteins in the action of relaxin-like gonad-stimulating substance (GSS) for 1-methyladenine production in starfish ovarian follicle cells. General and Comparative Endocrinology, 2012, 176, 432-437.	1.8	17
64	Enhancement by Proopiomelanocortin-Derived Peptides of Growth Hormone and Prolactin Secretion by Bullfrog Pituitary Cells. General and Comparative Endocrinology, 1999, 115, 101-109.	1.8	16
65	Amphibian Pheromones and Endocrine Control of Their Secretion. Annals of the New York Academy of Sciences, 2005, 1040, 123-130.	3.8	16
66	Effects of thyroid hormone, stalk section, and transplantation of the pituitary gland on plasma prolactin levels at metamorphic climax in Rana catesbeiana. General and Comparative Endocrinology, 1986, 64, 129-135.	1.8	15
67	Homologous radioimmunoassay for plasma and pituitary prolactin in the toad, Bufo japonicus. General and Comparative Endocrinology, 1989, 74, 373-376.	1.8	15
68	Estrogen Receptors in the Stingray (Dasyatis akajei) Ultimobranchial Gland. General and Comparative Endocrinology, 1996, 101, 107-114.	1.8	15
69	A genetically female brain is required for a regular reproductive cycle in chicken brain chimeras. Nature Communications, 2013, 4, 1372.	12.8	15
70	Prolactin opens the sensitive period for androgen regulation of a larynx-specific myosin heavy chain gene. Journal of Neurobiology, 1999, 41, 443-451.	3.6	14
71	Frog Corticotropin-Releasing Hormone (CRH): Isolation, Molecular Cloning, and Biological Activity. Annals of the New York Academy of Sciences, 2005, 1040, 150-155.	3.8	14
72	Immunocytochemical Localization of Estrogen Receptor in Various Anterior Pituitary Hormone Cells of Adult Male and Female Rats.. Acta Histochemica Et Cytochemica, 1993, 26, 609-614.	1.6	13

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73	Ghrelin Receptor in Two Species of Anuran Amphibian, Bullfrog (Rana catesbeiana), and Japanese Tree Frog (Hyla japonica). Frontiers in Endocrinology, 2011, 2, 31.	3.5	13
74	Up-regulation of FSHR expression during gonadal sex determination in the frog Rana rugosa. General and Comparative Endocrinology, 2011, 172, 475-486.	1.8	13
75	Molecular cloning of bullfrog D2 dopamine receptor cDNA: Tissue distribution of three isoforms of D2 dopamine receptor mRNA. General and Comparative Endocrinology, 2010, 168, 143-148.	1.8	12
76	Radioimmunoassay of relaxin-like gonad-stimulating peptide in the starfish Patiria (=Asterina) pectinifera. General and Comparative Endocrinology, 2017, 243, 84-88.	1.8	12
77	Isolation and Characterization of Two Forms of Xenopus Prolactin. General and Comparative Endocrinology, 1993, 91, 307-317.	1.8	11
78	Temperature-dependent prolactin secretion and reproductive biology of the newt Triturus carnifex Laur. General and Comparative Endocrinology, 2002, 126, 261-268.	1.8	11
79	Expression of prolactin receptor mRNA in the abdominal gland of the newt Cynops ensicauda. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 138, 79-88.	1.8	11
80	Arginine vasotocin is the major adrenocorticotropic hormone-releasing factor in the bullfrog Rana catesbeiana. General and Comparative Endocrinology, 2016, 237, 121-130.	1.8	11
81	INHIBITION OF THYROXINE-INDUCED RESORPTION OF TADPOLE TAIL BY ADENOSINE 3', 5'-CYCLIC MONOPHOSPHATE. Development Growth and Differentiation, 1979, 21, 255-261.	1.5	10
82	Effects of Pituitary Adenylate Cyclase-Activating Polypeptide, Vasoactive Intestinal Polypeptide, and Somatostatin on the Release of Thyrotropin from the Bullfrog Pituitary. Annals of the New York Academy of Sciences, 2006, 1070, 474-480.	3.8	10
83	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. Endocrinology, 2008, 149, 962-970.	2.8	10
84	Production of a Recombinant Newt Growth Hormone and Its Application for the Development of a Radioimmunoassay. General and Comparative Endocrinology, 2000, 117, 103-116.	1.8	9
85	Involvement of GÎ±s-proteins in the action of relaxin-like gonad-stimulating substance on starfish ovarian follicle cells. General and Comparative Endocrinology, 2014, 205, 80-87.	1.8	9
86	Immunocytochemical and Ultrastructural Study of Rana dalmatina PRL and GH Pituitary Cells during Larval Development. General and Comparative Endocrinology, 1993, 89, 364-377.	1.8	8
87	Binding of Aldosterone by Epidermal Cytosol in the Tail of Bullfrog Larvae. General and Comparative Endocrinology, 1993, 89, 283-290.	1.8	8
88	Development and Application of a Homologous Radioimmunoassay for Xenopus Prolactin. General and Comparative Endocrinology, 1995, 99, 28-34.	1.8	8
89	Sodefrin and Related Pheromones. , 2013, , 384-390.		8
90	Possible involvement of thyrotropin-releasing hormone receptor 3 in the release of prolactin in the metamorphosing bullfrog larvae. General and Comparative Endocrinology, 2018, 267, 36-44.	1.8	8

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91	Effect of Activin A and Follistatin on the Release of Pituitary Hormones in the Bullfrog Rana catesbeiana. Zoological Science, 2000, 17, 971-975.	0.7	7
92	Effects of Guan-mu-tong (Caulis aristolochiae manshuriensis) in Combination with other Natural Products on Normal and Preneoplastic Mammary Gland Growth in Mice. The American Journal of Chinese Medicine, 1997, 25, 79-88.	3.8	6
93	Structures and diverse functions of frog growth hormone-releasing peptide (fGRP) and its related peptides (fGRP-RPs): a review. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 815-821.	1.3	6
94	Pituitary immunocytochemistry and prolactin plasma levels in hypophysectomized female newts,Triturus camifex, bearing a longâ€term pituitary autograft. Bollettino Di Zoologia, 1995, 62, 239-242.	0.3	5
95	Effect of growth hormone-containing fraction obtained from bullfrog hypophyses on growth of Xenopus juveniles.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1984, 60, 69-72.	3.8	4
96	Improvement by Guan-mu-tong (Caulis aristolochiae manshuriensis) of Lactation in Mice. The American Journal of Chinese Medicine, 1995, 23, 159-165.	3.8	4
97	Non-genomic action of testosterone mediates avian vocal behavior.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1998, 74, 132-135.	3.8	4
98	Female-Attracting Peptide Pheromone in Newt Cloacal Glands. , 1999, , 127-136.		4
99	Impaired Development of Somatotropes, Lactotropes and Thyrotropes in Growth-Retarded (grt) Mice. Journal of Toxicologic Pathology, 2009, 22, 187-194.	0.7	4
100	Regionally Specific Occurrence of an Active Sodefrin Variant in the Red-Bellied Newt. Annals of the New York Academy of Sciences, 2005, 1040, 351-353.	3.8	3
101	Characterization of Estrogen Receptor in Estrogen-Dependent Transplantable Rat Pituitary Tumor MtT/F84.. Endocrinologia Japonica, 1990, 37, 451-462.	0.5	2
102	Cosecretion of Prolactin and Growth Hormone by Dispersed Pituitary Cells of the Adult Bullfrog, Rana catesbeiana. General and Comparative Endocrinology, 2001, 122, 10-16.	1.8	1
103	Postmetamorphic changes in parvalbumin expression in the hindlimb skeletal muscle of the bullfrog, Rana catesbeiana. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1646, 42-48.	2.3	1
104	Delayed Postnatal Growth and Anterior Pituitary Development in Growth-Retarded (grt) Female Mice. Zoological Science, 2021, 38, 238-246.	0.7	1
105	The Similar Mammary Tumour Potentials in Virgins and Breeders of SHN Mice. Experimental Animals, 1993, 42, 631-634.	1.1	1
106	Incapacity of 1-Methyladenine Production to Relaxin-Like Gonad-Stimulating Substance in Ca2+-Free Seawater-Treated Starfish Ovarian Follicle Cells. , 2014, , 123-129.		0
107	Effects of Coffee Cherry on Lactation in Mice: Improvement of Nesting Behavior. Journal of Reproduction and Development, 1997, 43, 199-204.	1.4	0
108	Effect of Ovariectomy on Mammary Gland Expression of TGF.ALPHA. and EGFR mRNAs and its Relation to Mammary Gland Involution in Mice.. Journal of Reproduction and Development, 1998, 44, 371-375.	1.4	0