Hiroyuki Kaiya

List of Publications by Year
in descending order

95	4,182	94381 37	118793 62
papers	citations	h-index	g-index

95	95	95	1742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibitory effect of ghrelin on food intake is mediated by the corticotropin-releasing factor system in neonatal chicks. Regulatory Peptides, 2005, 125, 201-208.	1.9	266
2	Goldfish Ghrelin: Molecular Characterization of the Complementary Deoxyribonucleic Acid, Partial Gene Structure and Evidence for Its Stimulatory Role in Food Intake. Endocrinology, 2002, 143, 4143-4146.	1.4	213
3	Chicken Ghrelin: Purification, cDNA Cloning, and Biological Activity. Endocrinology, 2002, 143, 3454-3463.	1.4	210
4	Peptide Purification, Complementary Deoxyribonucleic Acid (DNA) and Genomic DNA Cloning, and Functional Characterization of Ghrelin in Rainbow Trout. Endocrinology, 2003, 144, 5215-5226.	1.4	162
5	Bullfrog Ghrelin Is Modified by n-Octanoic Acid at Its Third Threonine Residue. Journal of Biological Chemistry, 2001, 276, 40441-40448.	1.6	149
6	Regulation of food intake by acyl and des-acyl ghrelins in the goldfish. Peptides, 2006, 27, 2321-2325.	1.2	142
7	Identification of tilapia ghrelin and its effects on growth hormone and prolactin release in the tilapia, Oreochromis mossambicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 135, 421-429.	0.7	126
8	Distribution of orexin/hypocretin in the rat median eminence and pituitary. Molecular Brain Research, 2000, 76, 1-6.	2.5	121
9	Long-term treatment of ghrelin stimulates feeding, fat deposition, and alters the GH/IGF-I axis in the tilapia, Oreochromis mossambicus. General and Comparative Endocrinology, 2005, 142, 234-240.	0.8	104
10	Regulation of food intake in the goldfish by interaction between ghrelin and orexin. Peptides, 2007, 28, 1207-1213.	1.2	104
11	Neuropeptide Y mediates ghrelin-induced feeding in the goldfish, Carassius auratus. Neuroscience Letters, 2006, 407, 279-283.	1.0	95
12	Plasma ghrelin levels in rainbow trout in response to fasting, feeding and food composition, and effects of ghrelin on voluntary food intake. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 1116-1124.	0.8	94
13	Adrenomedullin regulates bloodâ€“brain barrier functions in vitro. NeuroReport, 2001, 12, 4139-4142.	0.6	82
14	Effects of ghrelin and des-acyl ghrelin on neurogenesis of the rat fetal spinal cord. Biochemical and Biophysical Research Communications, 2006, 350, 598-603.	1.0	82
15	Ghrelin decreases food intake in juvenile rainbow trout (Oncorhynchus mykiss) through the central anorexigenic corticotropin-releasing factor system. General and Comparative Endocrinology, 2010, 166, 39-46.	0.8	82
16	Purification, cDNA cloning, and characterization of ghrelin in channel catfish, Ictalurus punctatus. General and Comparative Endocrinology, 2005, 143, 201-210.	0.8	81
17	Stimulatory effect of n-octanoylated ghrelin on locomotor activity in the goldfish, Carassius auratus. Peptides, 2006, 27, 1335-1340.	1.2	78
18	Recent advances in the phylogenetic study of ghrelin. Peptides, 2011, 32, 2155-2174.	1.2	66

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19	Changes in ghrelin levels of plasma and proventriculus and ghrelin mRNA of proventriculus in fasted and refed layer chicks. Domestic Animal Endocrinology, 2007, 32, 247-259.	0.8	63
20	Purification and properties of ghrelin from the intestine of the goldfish, Carassius auratus. Peptides, 2009, 30, 758-765.	1.2	61
21	Existence of ghrelin-immunopositive and -expressing cells in the proventriculus of the hatching and adult chicken. Regulatory Peptides, 2003, 111, 123-128.	1.9	60
22	The fifth neurohypophysial hormone receptor is structurally related to the V2-type receptor but functionally similar to V1-type receptors. General and Comparative Endocrinology, 2012, 178, 519-528.	0.8	59
23	Current knowledge of the roles of ghrelin in regulating food intake and energy balance in birds. General and Comparative Endocrinology, 2009, 163, 33-38.	0.8	58
24	Regulation of Gastrointestinal Motility by Motilin and Ghrelin in Vertebrates. Frontiers in Endocrinology, 2019, 10, 278.	1.5	58
25	Contractile effects of ghrelin-related peptides on the chicken gastrointestinal tract in vitro. Peptides, 2007, 28, 617-624.	1.2	57
26	Two functional growth hormone secretagogue receptor (ghrelin receptor) type 1a and 2a in goldfish, Carassius auratus. Molecular and Cellular Endocrinology, 2010, 327, 25-39.	1.6	55
27	Ghrelin affects stopover decisions and food intake in a long-distance migrant. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1946-1951.	3.3	50
28	Structural determination and histochemical localization of ghrelin in the red-eared slider turtle, Trachemys scripta elegans. General and Comparative Endocrinology, 2004, 138, 50-57.	0.8	49
29	What is the general action of ghrelin for vertebrates? â€“ Comparisons of ghrelinâ€™s effects across vertebrates. General and Comparative Endocrinology, 2013, 181, 187-191.	0.8	49
30	Ghrelin modulates fatty acid synthase and related transcription factor mRNA levels in a tissue-specific manner in neonatal broiler chicks. Peptides, 2009, 30, 1342-1347.	1.2	48
31	Exogenous administration of octanoic acid accelerates octanoylated ghrelin production in the proventriculus of neonatal chicks. Biochemical and Biophysical Research Communications, 2005, 333, 583-589.	1.0	44
32	Pre- and postprandial effects on ghrelin signaling in the brain and on the GH/IGF-I axis in the Mozambique tilapia (Oreochromis mossambicus). General and Comparative Endocrinology, 2009, 161, 412-418.	0.8	43
33	Absence of Effects of Short-Term Fasting on Plasma Ghrelin and Brain Expression of Ghrelin Receptors in the Tilapia, Oreochromis mossambicus. Zoological Science, 2008, 25, 821-827.	0.3	41
34	African lungfish,Protopterus annectens, possess an arginine vasotocin receptor homologous to the tetrapod V2-type receptor. Journal of Experimental Biology, 2009, 212, 2183-2193.	0.8	41
35	Update on ghrelin biology in birds. General and Comparative Endocrinology, 2013, 190, 170-175.	0.8	41
36	Localization of Ghrelin-Producing Cells in the Stomach of the Rainbow Trout (Oncorhynchus mykiss). Zoological Science, 2004, 21, 757-762.	0.3	40

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37	Identification of ghrelin in the house musk shrew (Suncus murinus): cDNA cloning, peptide purification and tissue distribution. Peptides, 2009, 30, 982-990.	1.2	39
38	Ghrelin in Birds: Its Structure, Distribution, Function. Journal of Poultry Science, 2007, 44, 1-18.	0.7	38
39	Identification of a ghrelin-like peptide in two species of shark, Sphyrna lewini and Carcharhinus melanopterus. General and Comparative Endocrinology, 2007, 151, 259-268.	0.8	37
40	Molecular cloning of growth hormone secretagogue-receptor and effect of quail ghrelin on gastrointestinal motility in Japanese quail. Regulatory Peptides, 2009, 158, 132-142.	1.9	37
41	Developmental transcription of genes putatively associated with growth in two sturgeon species of different growth rate. General and Comparative Endocrinology, 2013, 182, 41-47.	0.8	36
42	Identification and Genomic Sequence of a Ghrelin Receptor (GHS-R)-like Receptor in the Mozambique Tilapia,Oreochromis mossambicus. Zoological Science, 2009, 26, 330-337.	0.3	35
43	Changes in Plasma Atrial and Ventricular Natriuretic Peptide Concentrations after Transfer of Eels from Freshwater to Seawater or Vice Versa. General and Comparative Endocrinology, 1996, 104, 337-345.	0.8	34
44	Atrial and Ventricular Natriuretic Peptide Concentrations in Plasma of Freshwater- and Seawater-Adapted Eels. General and Comparative Endocrinology, 1996, 102, 183-190.	0.8	33
45	Molecular cloning and characterization of V2-type receptor in two ray-finned fish, gray bichir, Polypterus senegalus and medaka, Oryzias latipes. Peptides, 2010, 31, 1273-1279.	1.2	33
46	Molecular identification of ghrelin receptor (GHS-R1a) and its functional role in the gastrointestinal tract of the guinea-pig. Peptides, 2011, 32, 1876-1886.	1.2	31
47	Ghrelin Receptors in Non-Mammalian Vertebrates. Frontiers in Endocrinology, 2013, 4, 81.	1.5	31
48	Primary structure, tissue distribution, and biological activity of chicken motilin receptor. General and Comparative Endocrinology, 2008, 156, 509-514.	0.8	30
49	Antidiuretic Effect of Eel ANP Infused at Physiological Doses in Conscious, Seawater-Adapted Eels, Anguilla japonica. Zoological Science, 1998, 15, 399-404.	0.3	28
50	Effects of Homologous Ghrelins on the Growth Hormone/Insulin-like Growth Factor-I Axis in the Tilapia, Oreochromis mossambicus. Zoological Science, 2007, 24, 391-400.	0.3	28
51	Purification and characterization of feline ghrelin and its possible role. Domestic Animal Endocrinology, 2007, 32, 93-105.	0.8	27
52	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.	0.8	26
53	Identification of eel ghrelin in plasma and stomach by radioimmunoassay and histochemistry. General and Comparative Endocrinology, 2006, 148, 375-382.	0.8	26
54	Central ghrelin acts as an anti-dipsogenic peptide in chicks. Neuroscience Letters, 2006, 405, 241-245.	1.0	25

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55	Ghrelin does not affect gastrointestinal contractility in rainbow trout and goldfish in vitro. General and Comparative Endocrinology, 2012, 178, 539-545.	0.8	23
56	Local Synthesis of Natriuretic Peptides in the Eel Intestine. Biochemical and Biophysical Research Communications, 1997, 238, 817-822.	1.0	22
57	MOLECULAR EVOLUTION OF GPCRS: Ghrelin/ghrelin receptors. Journal of Molecular Endocrinology, 2014, 52, T87-T100.	1.1	21
58	Identification of Immunoreactive Ghrelin and its mRNA in the Oviduct of Laying Japanese Quail, Coturnix japonica. Journal of Poultry Science, 2005, 42, 291-300.	0.7	19
59	Ghrelin-like peptide with fatty acid modification and O-glycosylation in the red stingray, Dasyatis akajei. BMC Biochemistry, 2009, 10, 30.	4.4	18
60	Age-dependent reduction of ghrelin- and motilin-induced contractile activity in the chicken gastrointestinal tract. Peptides, 2013, 43, 88-95.	1.2	18
61	Stimulatory effect of ghrelin on food intake in bullfrog larvae. Peptides, 2014, 51, 74-79.	1.2	17
62	GHRP-6 mimics ghrelin-induced stimulation of food intake and suppression of locomotor activity in goldfish. Peptides, 2012, 34, 324-328.	1.2	16
63	Urotensin II receptor (UTR) exists in hyaline chondrocytes: A study of peripheral distribution of UTR in the African clawed frog, Xenopus laevis. General and Comparative Endocrinology, 2013, 185, 44-56.	0.8	16
64	Effects of ghrelin and motilin on smooth muscle contractility of the isolated gastrointestinal tract from the bullfrog and Japanese fire belly newt. General and Comparative Endocrinology, 2016, 232, 51-59.	0.8	16
65	Identification of Ghrelin in Fertilized Eggs of Chicken. Journal of Poultry Science, 2009, 46, 257-259.	0.7	15
66	Molecular characterization of structure and tissue distribution of chicken neurotensin receptor. General and Comparative Endocrinology, 2011, 171, 33-38.	0.8	14
67	Identification of pheasant ghrelin and motilin and their actions on contractility of the isolated gastrointestinal tract. General and Comparative Endocrinology, 2020, 285, 113294.	0.8	14
68	Ghrelin Receptor in Two Species of Anuran Amphibian, Bullfrog (Rana catesbeiana), and Japanese Tree Frog (Hyla japonica). Frontiers in Endocrinology, 2011, 2, 31.	1.5	13
69	Structural determination, distribution, and physiological actions of ghrelin in the guinea pig. Peptides, 2018, 99, 70-81.	1.2	13
70	Purification and Characterization of Caprine Ghrelin and Its Effect on Growth Hormone Release. Journal of Molecular Neuroscience, 2010, 42, 99-105.	1.1	12
71	Central injection of des-acyl chicken ghrelin does not affect food intake in chicks. General and Comparative Endocrinology, 2011, 171, 183-188.	0.8	12
72	Ghrelin, corticosterone and the resumption of migration from stopover, an automated telemetry study. Physiology and Behavior, 2018, 194, 450-455.	1.0	12

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73	Interaction of Osmotic and Volemic Mechanisms in Secretion of Atrial and Ventricular Natriuretic Peptides in Eels. General and Comparative Endocrinology, 1997, 107, 322-326.	0.8	11
74	Distribution of pepsinogen- and ghrelin-producing cells in the digestive tract of Japanese eel (Anguilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 173, 475-482.	0.8	11
75	Identification and gene expression analyses of ghrelin in the stomach of Pacific bluefin tuna (Thunnus) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	11
76	Identification, tissue distribution and functional characterization of the ghrelin receptor in West African lungfish, Protopterus annectens. General and Comparative Endocrinology, 2014, 209, 106-117.	0.8	11
77	Does motilin peptide regulate gastrointestinal motility of zebrafish? An in vitro study using isolated intestinal strips. General and Comparative Endocrinology, 2017, 249, 15-23.	0.8	9
78	In ovo Administration of Ghrelin and Subsequent Prolactin Level in Newly Hatched Chicks. Journal of Poultry Science, 2011, 48, 130-132.	0.7	9
79	Primary Structure and Bioactivity of Bullfrog Calcitonin. General and Comparative Endocrinology, 1997, 107, 147-152.	0.8	8
80	Genomic Organization and Chromosomal Localization of the Mouse Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) Gene. Annals of the New York Academy of Sciences, 2000, 921, 344-348.	1.8	8
81	Correlation of ghrelin concentration and ghrelin, ghrelin-O-acetyltransferase (GOAT) and growth hormone secretagogue receptor 1a mRNAs expression in the proventriculus and brain of the growing chicken. Peptides, 2015, 63, 134-142.	1.2	8
82	Experimental ghrelin administration affects migratory behaviour in a songbird. Hormones and Behavior, 2022, 141, 105139.	1.0	8
83	Determination of ghrelin structure in the barfin flounder (Verasper moseri) and involvement of ingested fatty acids in ghrelin acylation. Frontiers in Endocrinology, 2013, 4, 117.	1.5	7
84	A verification study of gastrointestinal motility-stimulating action of guinea-pig motilin using isolated gastrointestinal strips from rabbits and guinea-pigs. General and Comparative Endocrinology, 2019, 274, 106-112.	0.8	6
85	Two chicken neuromedin U receptors: Characterization of primary structure, biological activity and tissue distribution. General and Comparative Endocrinology, 2011, 174, 116-123.	0.8	5
86	Protective Effect of Dietary Ghrelinâ€Containing Salmon Stomach Extract on Mortality and Cardiotoxicity in Doxorubicinâ€Induced Mouse Model of Heart Failure. Journal of Food Science, 2016, 81, H2858-H2865.	1.5	5
87	Purification and identification of native forms of goldfish neuromedin U from brain and gut. Biochemical and Biophysical Research Communications, 2019, 517, 433-438.	1.0	5
88	Motilin- and ghrelin-induced contractions in isolated gastrointestinal strips from three species of frogs. General and Comparative Endocrinology, 2021, 300, 113649.	0.8	5
89	Determination of Nonmammalian Ghrelin. Methods in Enzymology, 2012, 514, 75-87.	0.4	4
90	Identification and signaling characterization of four urotensin II receptor subtypes in the western clawed frog, Xenopus tropicalis. General and Comparative Endocrinology, 2020, 299, 113586.	0.8	4

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91	Salmon acyl-ghrelin increases food intake and reduces doxorubicin-induced myocardial apoptosis in rats, likely by anti-oxidative activity. Peptides, 2021, 137, 170471.	1.2	3
92	PACAP Augments Nitric Oxide Synthesis in Rat Vascular Smooth Muscle Cells Stimulated with ILâ€1Î±. Annals of the New York Academy of Sciences, 2000, 921, 415-419.	1.8	2
93	Mole ghrelin: cDNA cloning, gene expression, and diverse molecular forms in Mogera imaizumii. General and Comparative Endocrinology, 2016, 232, 199-210.	0.8	2
94	Pheasant motilin, its distribution and gastrointestinal contractility-stimulating action in the pheasant. General and Comparative Endocrinology, 2021, 314, 113897.	0.8	1
95	Posttranslational Modification of Intercellular Messenger Systems. Frontiers in Endocrinology, 2014, 5, 27.	1.5	0