Takayoshi Ubuka

List of Publications by Year
in descending order

104	7,231	57719	54882
papers	citations	44 h-index	84 g-index

109	109	109	2200
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification and characterization of a gonadotropin-inhibitory system in the brains of mammals. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2410-2415.	3.3	497
2	Variation in Kisspeptin and RFamide-Related Peptide (RFRP) Expression and Terminal Connections to Gonadotropin-Releasing Hormone Neurons in the Brain: A Novel Medium for Seasonal Breeding in the Sheep. Endocrinology, 2008, 149, 5770-5782.	1.4	335
3	Stress increases putative gonadotropin inhibitory hormone and decreases luteinizing hormone in male rats. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11324-11329.	3.3	318
4	Potent Action of RFamide-Related Peptide-3 on Pituitary Gonadotropes Indicative of a Hypophysiotropic Role in the Negative Regulation of Gonadotropin Secretion. Endocrinology, 2008, 149, 5811-5821.	1.4	301
5	Melatonin induces the expression of gonadotropin-inhibitory hormone in the avian brain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3052-3057.	3.3	297
6	Identification, Expression, and Physiological Functions of Siberian Hamster Gonadotropin-Inhibitory Hormone. Endocrinology, 2012, 153, 373-385.	1.4	265
7	Gonadotropin-Inhibitory Hormone Inhibits Gonadal Development and Maintenance by Decreasing Gonadotropin Synthesis and Release in Male Quail. Endocrinology, 2006, 147, 1187-1194.	1.4	260
8	Gonadotropin-Inhibitory Hormone Neurons Interact Directly with Gonadotropin-Releasing Hormone-I and -II Neurons in European Starling Brain. Endocrinology, 2008, 149, 268-278.	1.4	251
9	Identification of Human GnIH Homologs, RFRP-1 and RFRP-3, and the Cognate Receptor, GPR147 in the Human Hypothalamic Pituitary Axis. PLoS ONE, 2009, 4, e8400.	1.1	242
10	Gonadotropin-inhibitory hormone (GnIH) and its control of central and peripheral reproductive function. Frontiers in Neuroendocrinology, 2010, 31, 284-295.	2.5	239
11	A novel G protein-coupled receptor for gonadotropin-inhibitory hormone in the Japanese quail (Coturnix japonica): identification, expression and binding activity. Journal of Endocrinology, 2005, 184, 257-266.	1.2	199
12	Gonadotropinâ€inhibitory hormone identification, cDNA cloning, and distribution in rhesus macaque brain. Journal of Comparative Neurology, 2009, 517, 841-855.	0.9	184
13	Distribution of a novel avian gonadotropin-inhibitory hormone in the quail brain. Cell and Tissue Research, 2003, 312, 73-79.	1.5	179
14	Gonadotrophin Inhibitory Hormone Depresses Gonadotrophin alpha and Follicle-Stimulating Hormone beta Subunit Expression in the Pituitary of the Domestic Chicken. Journal of Neuroendocrinology, 2004, 16, 999-1006.	1.2	174
15	Gonadotropin-inhibitory hormone and its receptor in the avian reproductive system. General and Comparative Endocrinology, 2008, 156, 34-43.	0.8	172
16	Gonadotropin-inhibitory hormone (GnIH): Discovery, progress and prospect. General and Comparative Endocrinology, 2012, 177, 305-314.	0.8	154
17	Melatonin Stimulates the Release of Gonadotropin-Inhibitory Hormone by the Avian Hypothalamus. Endocrinology, 2010, 151, 271-280.	1.4	133
18	Gonadotropin-Inhibitory Hormone Inhibits GnRH-Induced Gonadotropin Subunit Gene Transcriptions by Inhibiting AC/cAMP/PKA-Dependent ERK Pathway in LÎ²T2 Cells. Endocrinology, 2012, 153, 2332-2343.	1.4	113

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19	Developmental changes in gonadotropin-inhibitory hormone in the Japanese quail (Coturnix japonica) hypothalamo-hypophysial system. Journal of Endocrinology, 2003, 178, 311-318.	1.2	112
20	Hypothalamic inhibition of socio-sexual behaviour by increasing neuroestrogen synthesis. Nature Communications, 2014, 5, 3061.	5.8	110
21	Seasonal control of gonadotropin-inhibitory hormone (GnIH) in birds and mammals. Frontiers in Neuroendocrinology, 2015, 37, 65-75.	2.5	98
22	The general and comparative biology of gonadotropin-inhibitory hormone (GnIH). General and Comparative Endocrinology, 2007, 153, 365-370.	0.8	94
23	Gonadotropin-inhibitory hormone (GnIH), GnIH receptor and cell signaling. General and Comparative Endocrinology, 2013, 190, 10-17.	0.8	92
24	Molecular Basis for the Activation of Gonadotropin-Inhibitory Hormone Gene Transcription by Corticosterone. Endocrinology, 2014, 155, 1817-1826.	1.4	88
25	Molecular, cellular, morphological, physiological and behavioral aspects of gonadotropin-inhibitory hormone. General and Comparative Endocrinology, 2016, 227, 27-50.	0.8	87
26	Review: regulatory mechanisms of gonadotropin-inhibitory hormone (GnIH) synthesis and release in photoperiodic animals. Frontiers in Neuroscience, 2013, 7, 60.	1.4	86
27	Gonadotropin-inhibitory hormone-stimulation of food intake is mediated by hypothalamic effects in chicks. Neuropeptides, 2014, 48, 327-334.	0.9	86
28	Evolutionary Origin of the Structure and Function of Gonadotropin-Inhibitory Hormone: Insights from Lampreys. Endocrinology, 2012, 153, 2362-2374.	1.4	77
29	A Journey through the Gonadotropin-Inhibitory Hormone System of Fish. Frontiers in Endocrinology, 2017, 8, 285.	1.5	76
30	Photoperiod and Reproductive Condition Are Associated with Changes in RFamide-Related Peptide (RFRP) Expression in Syrian Hamsters (Mesocricetus auratus). Journal of Biological Rhythms, 2010, 25, 176-185.	1.4	74
31	Mode of action and functional significance of avian gonadotropin-inhibitory hormone (GnIH): a review. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 801-806.	1.3	69
32	Mollusc gonadotropin-releasing hormone directly regulates gonadal functions: A primitive endocrine system controlling reproduction. General and Comparative Endocrinology, 2012, 176, 167-172.	0.8	67
33	RNA Interference of Gonadotropin-Inhibitory Hormone Gene Induces Arousal in Songbirds. PLoS ONE, 2012, 7, e30202.	1.1	66
34	Neuroendocrine regulation of gonadotropin secretion in seasonally breeding birds. Frontiers in Neuroscience, 2013, 7, 38.	1.4	64
35	Contribution of GnIH Research to the Progress of Reproductive Neuroendocrinology. Frontiers in Endocrinology, 2015, 6, 179.	1.5	61
36	A New Pathway Mediating Social Effects on the Endocrine System: Female Presence Acting via Norepinephrine Release Stimulates Gonadotropin-Inhibitory Hormone in the Paraventricular Nucleus and Suppresses Luteinizing Hormone in Quail. Journal of Neuroscience, 2014, 34, 9803-9811.	1.7	59

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37	Effects of social cues on GnRH-I, GnRH-II, and reproductive physiology in female house sparrows (Passer domesticus). General and Comparative Endocrinology, 2008, 156, 385-394.	0.8	52
38	Possible role of pineal allopregnanolone in Purkinje cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21110-21115.	3.3	52
39	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.	0.2	52
40	Identification, localization, and regulation of passerine GnRH-I messenger RNA. Journal of Endocrinology, 2009, 201, 81-87.	1.2	51
41	Potential roles for GNIH and GNRH-II in reproductive axis regulation of an opportunistically breeding songbird. General and Comparative Endocrinology, 2011, 173, 20-26.	0.8	50
42	Reproductive Neuroendocrine Pathways of Social Behavior. Frontiers in Endocrinology, 2016, 7, 28.	1.5	50
43	Central and Direct Regulation of Testicular Activity by Gonadotropin-Inhibitory Hormone and Its Receptor. Frontiers in Endocrinology, 2014, 5, 8.	1.5	49
44	GnIH Control of Feeding and Reproductive Behaviors. Frontiers in Endocrinology, 2016, 7, 170.	1.5	49
45	The control of reproductive physiology and behavior by gonadotropin-inhibitory hormone. Integrative and Comparative Biology, 2008, 48, 560-569.	0.9	45
46	Gonadotrophinâ€Inhibitory Hormone: A Multifunctional Neuropeptide. Journal of Neuroendocrinology, 2009, 21, 276-281.	1.2	44
47	Identification of European starling GnRH-I precursor mRNA and its seasonal regulation. General and Comparative Endocrinology, 2009, 162, 301-306.	0.8	42
48	Identification, localization and expression of LPXRFamide peptides, and melatonin-dependent induction of their precursor mRNA in the newt brain. Journal of Endocrinology, 2011, 209, 211-220.	1.2	42
49	How to Contribute to the Progress of Neuroendocrinology: Discovery of GnIH and Progress of GnIH Research. Frontiers in Endocrinology, 2018, 9, 662.	1.5	40
50	Gonadotropin-inhibitory hormone action in the brain and pituitary. Frontiers in Endocrinology, 2012, 3, 148.	1.5	39
51	Review: Structure, function and evolution of GnIH. General and Comparative Endocrinology, 2018, 264, 48-57.	0.8	38
52	Evolutionary Origin of GnIH and NPFF in Chordates: Insights from Novel Amphioxus RFamide Peptides. PLoS ONE, 2014, 9, e100962.	1.1	37
53	Review: neuroestrogen regulation of socio-sexual behavior of males. Frontiers in Neuroscience, 2014, 8, 323.	1.4	37
54	Evolution of gonadotropin-inhibitory hormone receptor and its ligand. General and Comparative Endocrinology, 2014, 209, 148-161.	0.8	35

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55	Review: Melatonin stimulates the synthesis and release of gonadotropin-inhibitory hormone in birds. General and Comparative Endocrinology, 2013, 181, 175-178.	0.8	32
56	Acute Stress Increases the Synthesis of 7Î±-Hydroxypregnenolone, a New Key Neurosteroid Stimulating Locomotor Activity, through Corticosterone Action in Newts. Endocrinology, 2012, 153, 794-805.	1.4	30
57	Regulation of stress response on the hypothalamic-pituitary-gonadal axis via gonadotropin-inhibitory hormone. Frontiers in Neuroendocrinology, 2022, 64, 100953.	2.5	30
58	A New Key Neurohormone Controlling Reproduction, Gonadotrophinâ€inhibitory Hormone in Birds: Discovery, Progress and Prospects. Journal of Neuroendocrinology, 2009, 21, 271-275.	1.2	29
59	RNA interference of gonadotropin-inhibitory hormone gene induces aggressive and sexual behaviors in birds. General and Comparative Endocrinology, 2013, 181, 179-186.	0.8	28
60	Gonadotropin-inhibitory hormone (GnIH): A new key neurohormone controlling reproductive physiology and behavior. Frontiers in Neuroendocrinology, 2021, 61, 100900.	2.5	28
61	Existence of Galanin in Lumbosacral Sympathetic Ganglionic Neurons That Project to the Quail Uterine Oviduct*. Endocrinology, 2000, 141, 4402-4412.	1.4	27
62	Review: evolution of GnIH and related peptides structure and function in the chordates. Frontiers in Neuroscience, 2014, 8, 255.	1.4	25
63	Breakthrough in neuroendocrinology by discovering novel neuropeptides and neurosteroids: 1. Discovery of gonadotropin-inhibitory hormone (GnIH) across vertebrates. General and Comparative Endocrinology, 2014, 205, 4-10.	0.8	25
64	Identification, Localisation and Functional Implication of 26RFa Orthologue Peptide in the Brain of Zebra Finch (Taeniopygia guttata). Journal of Neuroendocrinology, 2011, 23, 791-803.	1.2	23
65	Revealing a Circadian Clock in Captive Arctic-Breeding Songbirds, Lapland Longspurs (<i>Calcarius) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	20
66	Dual Actions of Mammalian and Piscine Gonadotropin-Inhibitory Hormones, RFamide-Related Peptides and LPXRFamide Peptides, in the Hypothalamicâ€“Pituitaryâ€“Gonadal Axis. Frontiers in Endocrinology, 2017, 8, 377.	1.5	20
67	Molecular Mechanisms of Gonadotropin-Inhibitory Hormone (GnIH) Actions in Target Cells and Regulation of GnIH Expression. Frontiers in Endocrinology, 2019, 10, 110.	1.5	20
68	Discovery of gonadotropin-inhibitory hormone (GnIH), progress in GnIH research on reproductive physiology and behavior and perspective of GnIH research on neuroendocrine regulation of reproduction. Molecular and Cellular Endocrinology, 2020, 514, 110914.	1.6	20
69	Developmental changes in galanin in lumbosacral sympathetic ganglionic neurons innervating the avian uterine oviduct and galanin induction by sex steroids. Journal of Endocrinology, 2001, 170, 357-368.	1.2	19
70	A â€œTimedâ€•Kiss Is Essential for Reproduction: Lessons from Mammalian Studies. Frontiers in Endocrinology, 2016, 7, 121.	1.5	19
71	Reproductive neuroendocrinology of mammalian gonadotropinâ€inhibitory hormone. Reproductive Medicine and Biology, 2019, 18, 225-233.	1.0	18
72	Gonadotropin-inhibitory hormone inhibits aggressive behavior of male quail by increasing neuroestrogen synthesis in the brain beyond its optimum concentration. General and Comparative Endocrinology, 2014, 205, 49-54.	0.8	17

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73	Gonadotropin-inhibitory hormone mediates behavioral stress responses. General and Comparative Endocrinology, 2018, 265, 202-206.	0.8	17
74	Putting the brakes on reproduction: Implications for conservation, global climate change and biomedicine. General and Comparative Endocrinology, 2016, 227, 16-26.	0.8	16
75	RFamide peptides in agnathans and basal chordates. General and Comparative Endocrinology, 2016, 227, 94-100.	0.8	16
76	Comparative and Evolutionary Aspects of Gonadotropin-Inhibitory Hormone and FMRFamide-Like Peptide Systems. Frontiers in Neuroscience, 2018, 12, 747.	1.4	16
77	Existence of Galanin in Lumbosacral Sympathetic Ganglionic Neurons That Project to the Quail Uterine Oviduct. Endocrinology, 2000, 141, 4402-4412.	1.4	15
78	Gonadotropin-Inhibitory Hormone. , 2013, , 802-811.		14
79	Discovery of gonadotropin-inhibitory hormone in a domesticated bird, its mode of action and functional significance. Journal Fur Ornithologie, 2007, 148, 515-520.	1.2	12
80	An Evolutionary Scenario for Gonadotrophinâ€Inhibitory Hormone in Chordates. Journal of Neuroendocrinology, 2015, 27, 556-566.	1.2	11
81	Identification of Transmembrane Protease Serine 2 and Forkhead Box A1 As the Potential Bisphenol A Responsive Genes in the Neonatal Male Rat Brain. Frontiers in Endocrinology, 2018, 9, 139.	1.5	11
82	Advancing reproductive neuroendocrinology through research on the regulation of GnIH and on its diverse actions on reproductive physiology and behavior. Frontiers in Neuroendocrinology, 2022, 64, 100955.	2.5	10
83	Neuroendocrine Control of Reproduction in Birds. , 2011, , 1-25.		9
84	New Biosynthesis and Biological Actions of Avian Neurosteroids. Journal of Experimental Neuroscience, 2013, 7, JEN.S11148.	2.3	9
85	Neuropeptidergic control of neurosteroids biosynthesis. Frontiers in Neuroendocrinology, 2022, 65, 100976.	2.5	8
86	Photoperiodic Response of Serotonin- and Galanin-Immunoreactive Neurons of the Paraventricular Organ and Infundibular Nucleus in Japanese Quail, Coturnix coturnix japonica. Zoological Science, 2004, 21, 575-582.	0.3	7
87	Strain differences in intermale aggression and possible factors regulating increased aggression in Japanese quail. General and Comparative Endocrinology, 2018, 256, 63-70.	0.8	7
88	Control of circadian activity of birds by the interaction of melatonin with 7Î±-hydroxypregnenolone, a newly discovered neurosteroid stimulating locomotion. Journal of Ornithology, 2012, 153, 235-243.	0.5	6
89	Gonadotropin-inhibitory hormone in seasonally-breeding songbirds: neuroanatomy and functional biology. Journal Fur Ornithologie, 2007, 148, 521-526.	1.2	5
90	Avian Test Battery for the Evaluation of Developmental Abnormalities of Neuro- and Reproductive Systems. Frontiers in Neuroscience, 2016, 10, 296.	1.4	5

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91	RFamide Peptide Family. , 2016, , 5-e1-2.		4
92	Editorial: The Roles of GnIH in Reproductive Function and Behavior. Frontiers in Endocrinology, 2018, 9, 19.	1.5	4
93	Photoperiodism in Mammalian Reproduction. , 2018, , 415-419.		3
94	Editorial: Steroids and the Brain. Frontiers in Endocrinology, 2020, 11, 366.	1.5	3
95	Amines. , 2021, , 1035-1036.		2
96	Remembering Professor Toshihiko Ubuka (1934â€“2008). Amino Acids, 2011, 41, 3-5.	1.2	1
97	Editorial: Progress in Reproductive Neuroendocrinology in Vertebrates. Frontiers in Endocrinology, 2019, 10, 895.	1.5	1
98	RFamide peptide family. , 2021, , 13-15.		1
99	Neuroendocrine Control of Reproduction in Birds. , 2011, , 1-25.		1
100	Obituary of Professor Kazuyoshi Tsutsui. Neuroendocrinology, 2021, 111, 1266-1269.	1.2	1
101	Gonadotropin-Inhibitory Hormone. , 2016, , 7-e1A-2.		0
102	Noradrenaline/adrenaline. , 2021, , 1041-1044.		0
103	Gonadotropin-inhibitory hormone. , 2021, , 17-20.		0
104	Neuropeptide FF/neuropeptide AF receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	0