

Takayoshi Ubuka

List of Publications by Year in descending order

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104
papers

7,231
citations

57719

44
h-index

54882

84
g-index

109
all docs

109
docs citations

109
times ranked

2200
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of stress response on the hypothalamic-pituitary-gonadal axis via gonadotropin-inhibitory hormone. <i>Frontiers in Neuroendocrinology</i> , 2022, 64, 100953.	2.5	30
2	Advancing reproductive neuroendocrinology through research on the regulation of GnIH and on its diverse actions on reproductive physiology and behavior. <i>Frontiers in Neuroendocrinology</i> , 2022, 64, 100955.	2.5	10
3	Neuropeptidergic control of neurosteroids biosynthesis. <i>Frontiers in Neuroendocrinology</i> , 2022, 65, 100976.	2.5	8
4	RFamide peptide family. , 2021, , 13-15.		1
5	Amines. , 2021, , 1035-1036.		2
6	Gonadotropin-inhibitory hormone (GnIH): A new key neurohormone controlling reproductive physiology and behavior. <i>Frontiers in Neuroendocrinology</i> , 2021, 61, 100900.	2.5	28
7	Noradrenaline/adrenaline. , 2021, , 1041-1044.		0
8	Gonadotropin-inhibitory hormone. , 2021, , 17-20.		0
9	Obituary of Professor Kazuyoshi Tsutsui. <i>Neuroendocrinology</i> , 2021, 111, 1266-1269.	1.2	1
10	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. <i>Molecular and Cellular Endocrinology</i> , 2020, 514, 110914.	1.6	20
11	Editorial: Steroids and the Brain. <i>Frontiers in Endocrinology</i> , 2020, 11, 366.	1.5	3
12	Reproductive neuroendocrinology of mammalian gonadotropin-inhibitory hormone. <i>Reproductive Medicine and Biology</i> , 2019, 18, 225-233.	1.0	18
13	Molecular Mechanisms of Gonadotropin-Inhibitory Hormone (GnIH) Actions in Target Cells and Regulation of GnIH Expression. <i>Frontiers in Endocrinology</i> , 2019, 10, 110.	1.5	20
14	Editorial: Progress in Reproductive Neuroendocrinology in Vertebrates. <i>Frontiers in Endocrinology</i> , 2019, 10, 895.	1.5	1
15	Neuropeptide FF/neuropeptide AF receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	0
16	Gonadotropin-inhibitory hormone mediates behavioral stress responses. <i>General and Comparative Endocrinology</i> , 2018, 265, 202-206.	0.8	17
17	Review: Structure, function and evolution of GnIH. <i>General and Comparative Endocrinology</i> , 2018, 264, 48-57.	0.8	38
18	Strain differences in intermale aggression and possible factors regulating increased aggression in Japanese quail. <i>General and Comparative Endocrinology</i> , 2018, 256, 63-70.	0.8	7

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19	How to Contribute to the Progress of Neuroendocrinology: Discovery of GnIH and Progress of GnIH Research. <i>Frontiers in Endocrinology</i> , 2018, 9, 662.	1.5	40
20	Comparative and Evolutionary Aspects of Gonadotropin-Inhibitory Hormone and FMRFamide-Like Peptide Systems. <i>Frontiers in Neuroscience</i> , 2018, 12, 747.	1.4	16
21	Editorial: The Roles of GnIH in Reproductive Function and Behavior. <i>Frontiers in Endocrinology</i> , 2018, 9, 19.	1.5	4
22	Identification of Transmembrane Protease Serine 2 and Forkhead Box A1 As the Potential Bisphenol A Responsive Genes in the Neonatal Male Rat Brain. <i>Frontiers in Endocrinology</i> , 2018, 9, 139.	1.5	11
23	Photoperiodism in Mammalian Reproduction. , 2018, , 415-419.		3
24	A Journey through the Gonadotropin-Inhibitory Hormone System of Fish. <i>Frontiers in Endocrinology</i> , 2017, 8, 285.	1.5	76
25	Dual Actions of Mammalian and Piscine Gonadotropin-Inhibitory Hormones, RFamide-Related Peptides and LPXRFamide Peptides, in the Hypothalamicâ€Pituitaryâ€Gonadal Axis. <i>Frontiers in Endocrinology</i> , 2017, 8, 377.	1.5	20
26	Gonadotropin-Inhibitory Hormone. , 2016, , 7-e1A-2.		0
27	RFamide Peptide Family. , 2016, , 5-e1-2.		4
28	Reproductive Neuroendocrine Pathways of Social Behavior. <i>Frontiers in Endocrinology</i> , 2016, 7, 28.	1.5	50
29	A â€œTimedâ€Kiss Is Essential for Reproduction: Lessons from Mammalian Studies. <i>Frontiers in Endocrinology</i> , 2016, 7, 121.	1.5	19
30	GnIH Control of Feeding and Reproductive Behaviors. <i>Frontiers in Endocrinology</i> , 2016, 7, 170.	1.5	49
31	Avian Test Battery for the Evaluation of Developmental Abnormalities of Neuro- and Reproductive Systems. <i>Frontiers in Neuroscience</i> , 2016, 10, 296.	1.4	5
32	Inhibitory action of gonadotropinâ€inhibitory hormone on the signaling pathways induced by kisspeptin and vasoactive intestinal polypeptide in GnRH neuronal cell line, GT1â€7. <i>FASEB Journal</i> , 2016, 30, 2198-2210.	0.2	52
33	Putting the brakes on reproduction: Implications for conservation, global climate change and biomedicine. <i>General and Comparative Endocrinology</i> , 2016, 227, 16-26.	0.8	16
34	RFamide peptides in agnathans and basal chordates. <i>General and Comparative Endocrinology</i> , 2016, 227, 94-100.	0.8	16
35	Molecular, cellular, morphological, physiological and behavioral aspects of gonadotropin-inhibitory hormone. <i>General and Comparative Endocrinology</i> , 2016, 227, 27-50.	0.8	87
36	An Evolutionary Scenario for Gonadotropinâ€Inhibitory Hormone in Chordates. <i>Journal of Neuroendocrinology</i> , 2015, 27, 556-566.	1.2	11

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37	Contribution of GnIH Research to the Progress of Reproductive Neuroendocrinology. <i>Frontiers in Endocrinology</i> , 2015, 6, 179.	1.5	61
38	Seasonal control of gonadotropin-inhibitory hormone (GnIH) in birds and mammals. <i>Frontiers in Neuroendocrinology</i> , 2015, 37, 65-75.	2.5	98
39	Evolutionary Origin of GnIH and NPFF in Chordates: Insights from Novel Amphioxus RFamide Peptides. <i>PLoS ONE</i> , 2014, 9, e100962.	1.1	37
40	Review: evolution of GnIH and related peptides structure and function in the chordates. <i>Frontiers in Neuroscience</i> , 2014, 8, 255.	1.4	25
41	Review: neuroestrogen regulation of socio-sexual behavior of males. <i>Frontiers in Neuroscience</i> , 2014, 8, 323.	1.4	37
42	Revealing a Circadian Clock in Captive Arctic-Breeding Songbirds, Lapland Longspurs (<i>Calcarius lapponicus</i>). <i>Journal of Neuroendocrinology</i> , 2014, 36, 101-110.	1.4	20
43	Central and Direct Regulation of Testicular Activity by Gonadotropin-Inhibitory Hormone and Its Receptor. <i>Frontiers in Endocrinology</i> , 2014, 5, 8.	1.5	49
44	Hypothalamic inhibition of socio-sexual behaviour by increasing neuroestrogen synthesis. <i>Nature Communications</i> , 2014, 5, 3061.	5.8	110
45	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. <i>Journal of Neuroscience</i> , 2014, 34, 9803-9811.	1.7	59
46	Gonadotropin-inhibitory hormone-stimulation of food intake is mediated by hypothalamic effects in chicks. <i>Neuropeptides</i> , 2014, 48, 327-334.	0.9	86
47	Gonadotropin-inhibitory hormone inhibits aggressive behavior of male quail by increasing neuroestrogen synthesis in the brain beyond its optimum concentration. <i>General and Comparative Endocrinology</i> , 2014, 205, 49-54.	0.8	17
48	Breakthrough in neuroendocrinology by discovering novel neuropeptides and neurosteroids: 1. Discovery of gonadotropin-inhibitory hormone (GnIH) across vertebrates. <i>General and Comparative Endocrinology</i> , 2014, 205, 4-10.	0.8	25
49	Molecular Basis for the Activation of Gonadotropin-Inhibitory Hormone Gene Transcription by Corticosterone. <i>Endocrinology</i> , 2014, 155, 1817-1826.	1.4	88
50	Evolution of gonadotropin-inhibitory hormone receptor and its ligand. <i>General and Comparative Endocrinology</i> , 2014, 209, 148-161.	0.8	35
51	Gonadotropin-inhibitory hormone (GnIH), GnIH receptor and cell signaling. <i>General and Comparative Endocrinology</i> , 2013, 190, 10-17.	0.8	92
52	RNA interference of gonadotropin-inhibitory hormone gene induces aggressive and sexual behaviors in birds. <i>General and Comparative Endocrinology</i> , 2013, 181, 179-186.	0.8	28
53	Review: Melatonin stimulates the synthesis and release of gonadotropin-inhibitory hormone in birds. <i>General and Comparative Endocrinology</i> , 2013, 181, 175-178.	0.8	32
54	New Biosynthesis and Biological Actions of Avian Neurosteroids. <i>Journal of Experimental Neuroscience</i> , 2013, 7, JEN.S11148.	2.3	9

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55	Gonadotropin-Inhibitory Hormone. , 2013, , 802-811.		14
56	Neuroendocrine regulation of gonadotropin secretion in seasonally breeding birds. <i>Frontiers in Neuroscience</i> , 2013, 7, 38.	1.4	64
57	Review: regulatory mechanisms of gonadotropin-inhibitory hormone (GnIH) synthesis and release in photoperiodic animals. <i>Frontiers in Neuroscience</i> , 2013, 7, 60.	1.4	86
58	Gonadotropin-inhibitory hormone action in the brain and pituitary. <i>Frontiers in Endocrinology</i> , 2012, 3, 148.	1.5	39
59	Evolutionary Origin of the Structure and Function of Gonadotropin-Inhibitory Hormone: Insights from Lampreys. <i>Endocrinology</i> , 2012, 153, 2362-2374.	1.4	77
60	Possible role of pineal allopregnanolone in Purkinje cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21110-21115.	3.3	52
61	Acute Stress Increases the Synthesis of 7 β -Hydroxypregnenolone, a New Key Neurosteroid Stimulating Locomotor Activity, through Corticosterone Action in Newts. <i>Endocrinology</i> , 2012, 153, 794-805.	1.4	30
62	Control of circadian activity of birds by the interaction of melatonin with 7 β -hydroxypregnenolone, a newly discovered neurosteroid stimulating locomotion. <i>Journal of Ornithology</i> , 2012, 153, 235-243.	0.5	6
63	Identification, Expression, and Physiological Functions of Siberian Hamster Gonadotropin-Inhibitory Hormone. <i>Endocrinology</i> , 2012, 153, 373-385.	1.4	265
64	Gonadotropin-Inhibitory Hormone Inhibits GnRH-Induced Gonadotropin Subunit Gene Transcriptions by Inhibiting AC/cAMP/PKA-Dependent ERK Pathway in L β T2 Cells. <i>Endocrinology</i> , 2012, 153, 2332-2343.	1.4	113
65	RNA Interference of Gonadotropin-Inhibitory Hormone Gene Induces Arousal in Songbirds. <i>PLoS ONE</i> , 2012, 7, e30202.	1.1	66
66	Mollusc gonadotropin-releasing hormone directly regulates gonadal functions: A primitive endocrine system controlling reproduction. <i>General and Comparative Endocrinology</i> , 2012, 176, 167-172.	0.8	67
67	Gonadotropin-inhibitory hormone (GnIH): Discovery, progress and prospect. <i>General and Comparative Endocrinology</i> , 2012, 177, 305-314.	0.8	154
68	Identification, Localisation and Functional Implication of 26RFa Orthologue Peptide in the Brain of Zebra Finch (<i>Taeniopygia guttata</i>). <i>Journal of Neuroendocrinology</i> , 2011, 23, 791-803.	1.2	23
69	Potential roles for GnIH and GnRH-II in reproductive axis regulation of an opportunistically breeding songbird. <i>General and Comparative Endocrinology</i> , 2011, 173, 20-26.	0.8	50
70	Remembering Professor Toshihiko Ubuka (1934-2008). <i>Amino Acids</i> , 2011, 41, 3-5.	1.2	1
71	Neuroendocrine Control of Reproduction in Birds. , 2011, , 1-25.		9
72	Identification, localization and expression of LPXRFamide peptides, and melatonin-dependent induction of their precursor mRNA in the newt brain. <i>Journal of Endocrinology</i> , 2011, 209, 211-220.	1.2	42

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73	Neuroendocrine Control of Reproduction in Birds. , 2011, , 1-25.		1
74	Gonadotropin-inhibitory hormone (GnIH) and its control of central and peripheral reproductive function. <i>Frontiers in Neuroendocrinology</i> , 2010, 31, 284-295.	2.5	239
75	Melatonin Stimulates the Release of Gonadotropin-Inhibitory Hormone by the Avian Hypothalamus. <i>Endocrinology</i> , 2010, 151, 271-280.	1.4	133
76	Photoperiod and Reproductive Condition Are Associated with Changes in RFamide-Related Peptide (RFRP) Expression in Syrian Hamsters (<i>Mesocricetus auratus</i>). <i>Journal of Biological Rhythms</i> , 2010, 25, 176-185.	1.4	74
77	Identification of Human GnIH Homologs, RFRP-1 and RFRP-3, and the Cognate Receptor, GPR147 in the Human Hypothalamic Pituitary Axis. <i>PLoS ONE</i> , 2009, 4, e8400.	1.1	242
78	Stress increases putative gonadotropin inhibitory hormone and decreases luteinizing hormone in male rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11324-11329.	3.3	318
79	Identification, localization, and regulation of passerine GnRH-I messenger RNA. <i>Journal of Endocrinology</i> , 2009, 201, 81-87.	1.2	51
80	Identification of European starling GnRH-I precursor mRNA and its seasonal regulation. <i>General and Comparative Endocrinology</i> , 2009, 162, 301-306.	0.8	42
81	Gonadotropin-inhibitory hormone identification, cDNA cloning, and distribution in rhesus macaque brain. <i>Journal of Comparative Neurology</i> , 2009, 517, 841-855.	0.9	184
82	A New Key Neurohormone Controlling Reproduction, Gonadotropin-Inhibitory Hormone in Birds: Discovery, Progress and Prospects. <i>Journal of Neuroendocrinology</i> , 2009, 21, 271-275.	1.2	29
83	Gonadotropin-Inhibitory Hormone: A Multifunctional Neuropeptide. <i>Journal of Neuroendocrinology</i> , 2009, 21, 276-281.	1.2	44
84	Gonadotropin-inhibitory hormone and its receptor in the avian reproductive system. <i>General and Comparative Endocrinology</i> , 2008, 156, 34-43.	0.8	172
85	Effects of social cues on GnRH-I, GnRH-II, and reproductive physiology in female house sparrows (<i>Passer domesticus</i>). <i>General and Comparative Endocrinology</i> , 2008, 156, 385-394.	0.8	52
86	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. <i>Endocrinology</i> , 2008, 149, 5770-5782.	1.4	335
87	Potent Action of RFamide-Related Peptide-3 on Pituitary Gonadotropes Indicative of a Hypophysiotropic Role in the Negative Regulation of Gonadotropin Secretion. <i>Endocrinology</i> , 2008, 149, 5811-5821.	1.4	301
88	Gonadotropin-Inhibitory Hormone Neurons Interact Directly with Gonadotropin-Releasing Hormone-I and -II Neurons in European Starling Brain. <i>Endocrinology</i> , 2008, 149, 268-278.	1.4	251
89	The control of reproductive physiology and behavior by gonadotropin-inhibitory hormone. <i>Integrative and Comparative Biology</i> , 2008, 48, 560-569.	0.9	45
90	The general and comparative biology of gonadotropin-inhibitory hormone (GnIH). <i>General and Comparative Endocrinology</i> , 2007, 153, 365-370.	0.8	94

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91	Gonadotropin-inhibitory hormone in seasonally-breeding songbirds: neuroanatomy and functional biology. <i>Journal Fur Ornithologie</i> , 2007, 148, 521-526.	1.2	5
92	Discovery of gonadotropin-inhibitory hormone in a domesticated bird, its mode of action and functional significance. <i>Journal Fur Ornithologie</i> , 2007, 148, 515-520.	1.2	12
93	Gonadotropin-Inhibitory Hormone Inhibits Gonadal Development and Maintenance by Decreasing Gonadotropin Synthesis and Release in Male Quail. <i>Endocrinology</i> , 2006, 147, 1187-1194.	1.4	260
94	Mode of action and functional significance of avian gonadotropin-inhibitory hormone (GnIH): a review. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2006, 305A, 801-806.	1.3	69
95	Identification and characterization of a gonadotropin-inhibitory system in the brains of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2410-2415.	3.3	497
96	A novel G protein-coupled receptor for gonadotropin-inhibitory hormone in the Japanese quail (<i>Coturnix japonica</i>): identification, expression and binding activity. <i>Journal of Endocrinology</i> , 2005, 184, 257-266.	1.2	199
97	Melatonin induces the expression of gonadotropin-inhibitory hormone in the avian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3052-3057.	3.3	297
98	Gonadotrophin Inhibitory Hormone Depresses Gonadotrophin alpha and Follicle-Stimulating Hormone beta Subunit Expression in the Pituitary of the Domestic Chicken. <i>Journal of Neuroendocrinology</i> , 2004, 16, 999-1006.	1.2	174
99	Photoperiodic Response of Serotonin- and Galanin-Immunoreactive Neurons of the Paraventricular Organ and Infundibular Nucleus in Japanese Quail, <i>Coturnix coturnix japonica</i> . <i>Zoological Science</i> , 2004, 21, 575-582.	0.3	7
100	Distribution of a novel avian gonadotropin-inhibitory hormone in the quail brain. <i>Cell and Tissue Research</i> , 2003, 312, 73-79.	1.5	179
101	Developmental changes in gonadotropin-inhibitory hormone in the Japanese quail (<i>Coturnix japonica</i>) hypothalamo-hypophysial system. <i>Journal of Endocrinology</i> , 2003, 178, 311-318.	1.2	112
102	Developmental changes in galanin in lumbosacral sympathetic ganglionic neurons innervating the avian uterine oviduct and galanin induction by sex steroids. <i>Journal of Endocrinology</i> , 2001, 170, 357-368.	1.2	19
103	Existence of Galanin in Lumbosacral Sympathetic Ganglionic Neurons That Project to the Quail Uterine Oviduct*. <i>Endocrinology</i> , 2000, 141, 4402-4412.	1.4	27
104	Existence of Galanin in Lumbosacral Sympathetic Ganglionic Neurons That Project to the Quail Uterine Oviduct. <i>Endocrinology</i> , 2000, 141, 4402-4412.	1.4	15