

Helene Volkoff

List of Publications by Year in descending order

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76
papers

4,829
citations

101496

36
h-index

98753

67
g-index

76
all docs

76
docs citations

76
times ranked

2825
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropeptides and the control of food intake in fish. <i>General and Comparative Endocrinology</i> , 2005, 142, 3-19.	0.8	511
2	Gut Microbiota and Energy Homeostasis in Fish. <i>Frontiers in Endocrinology</i> , 2019, 10, 9.	1.5	301
3	Role of leptin in the control of feeding of goldfish <i>Carassius auratus</i> : interactions with cholecystokinin, neuropeptide Y and orexin A, and modulation by fasting. <i>Brain Research</i> , 2003, 972, 90-109.	1.1	252
4	The Neuroendocrine Regulation of Food Intake in Fish: A Review of Current Knowledge. <i>Frontiers in Neuroscience</i> , 2016, 10, 540.	1.4	244
5	Brain regulation of feeding behavior and food intake in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2000, 126, 415-434.	0.8	190
6	Effects of temperature on feeding and digestive processes in fish. <i>Temperature</i> , 2020, 7, 307-320.	1.6	181
7	Appetite-Controlling Endocrine Systems in Teleosts. <i>Frontiers in Endocrinology</i> , 2017, 8, 73.	1.5	163
8	Stimulation of feeding behavior and food consumption in the goldfish, <i>Carassius auratus</i> , by orexin-A and orexin-B. <i>Brain Research</i> , 1999, 846, 204-209.	1.1	142
9	Effects of CART peptides on food consumption, feeding and associated behaviors in the goldfish, <i>Carassius auratus</i> : actions on neuropeptide Y- and orexin A-induced feeding. <i>Brain Research</i> , 2000, 887, 125-133.	1.1	132
10	The role of neuropeptide Y, orexins, cocaine and amphetamine-related transcript, cholecystokinin, amylin and leptin in the regulation of feeding in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 144, 325-331.	0.8	126
11	Interactions between orexin A, NPY and galanin in the control of food intake of the goldfish, <i>Carassius auratus</i> . <i>Regulatory Peptides</i> , 2001, 101, 59-72.	1.9	114
12	Actions of Two Forms of Gonadotropin Releasing Hormone and a GnRH Antagonist on Spawning Behavior of the Goldfish <i>Carassius auratus</i> . <i>General and Comparative Endocrinology</i> , 1999, 116, 347-355.	0.8	112
13	Cloning and characterization of neuropeptide Y (NPY) and cocaine and amphetamine regulated transcript (CART) in Atlantic cod (<i>Gadus morhua</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 451-461.	0.8	106
14	Influence of intrinsic signals and environmental cues on the endocrine control of feeding in fish: Potential application in aquaculture. <i>General and Comparative Endocrinology</i> , 2010, 167, 352-359.	0.8	97
15	Neuropeptide Y (NPY), cocaine- and amphetamine-regulated transcript (CART) and cholecystokinin (CCK) in winter skate (<i>Raja ocellata</i>): cDNA cloning, tissue distribution and mRNA expression responses to fasting. <i>General and Comparative Endocrinology</i> , 2009, 161, 252-261.	0.8	96
16	The Role of the Thyroid Axis in Fish. <i>Frontiers in Endocrinology</i> , 2020, 11, 596585.	1.5	95
17	Feeding Behavior of Fish and Its Control. <i>Zebrafish</i> , 2006, 3, 131-140.	0.5	93
18	Interactions between gonadotropin-releasing hormone (GnRH) and orexin in the regulation of feeding and reproduction in goldfish (<i>Carassius auratus</i>). <i>Hormones and Behavior</i> , 2008, 54, 379-385.	1.0	89

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19	The comparative endocrinology of feeding in fish: Insights and challenges. <i>General and Comparative Endocrinology</i> , 2012, 176, 327-335.	0.8	83
20	Cloning, distribution and effects of season and nutritional status on the expression of neuropeptide Y (NPY), cocaine and amphetamine regulated transcript (CART) and cholecystokinin (CCK) in winter flounder (<i>Pseudopleuronectes americanus</i>). <i>Hormones and Behavior</i> , 2009, 56, 58-65.	1.0	80
21	Aspects of the hormonal regulation of appetite in fish with emphasis on goldfish, Atlantic cod and winter flounder: Notes on actions and responses to nutritional, environmental and reproductive changes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, 8-12.	0.8	78
22	Peripheral injections of cholecystokinin, apelin, ghrelin and orexin in cavefish (<i>Astyanax fasciatus</i>) target of rapamycin and appetite-related hormones. <i>General and Comparative Endocrinology</i> , 2014, 196, 34-40.	0.8	78
23	Effects of fasting and feeding on the brain mRNA expressions of orexin, tyrosine hydroxylase (TH), PYY and CCK in the Mexican blind cavefish (<i>Astyanax fasciatus mexicanus</i>). <i>General and Comparative Endocrinology</i> , 2013, 183, 44-52.	0.8	65
24	Molecular characterization of prepro-orexin in Atlantic cod (<i>Gadus morhua</i>): Cloning, localization, developmental profile and role in food intake regulation. <i>Molecular and Cellular Endocrinology</i> , 2007, 271, 28-37.	1.6	61
25	Apelin in goldfish (<i>Carassius auratus</i>): Cloning, distribution and role in appetite regulation. <i>Peptides</i> , 2009, 30, 1434-1440.	1.2	57
26	Fish as models for understanding the vertebrate endocrine regulation of feeding and weight. <i>Molecular and Cellular Endocrinology</i> , 2019, 497, 110437.	1.6	56
27	Thyrotropin Releasing Hormone (TRH) in goldfish (<i>Carassius auratus</i>): Role in the regulation of feeding and locomotor behaviors and interactions with the orexin system and cocaine- and amphetamine regulated transcript (CART). <i>Hormones and Behavior</i> , 2011, 59, 236-245.	1.0	53
28	Molecular characterization of ghrelin and gastrin-releasing peptide in Atlantic cod (<i>Gadus morhua</i>): Cloning, localization, developmental profile and role in food intake regulation. <i>General and Comparative Endocrinology</i> , 2009, 160, 250-258.	0.8	52
29	Effects of amylin on feeding of goldfish: Interactions with CCK. <i>Regulatory Peptides</i> , 2006, 133, 90-96.	1.9	48
30	Regulation of feeding behavior and food intake by appetite-regulating peptides in wild-type and growth hormone-transgenic coho salmon. <i>Hormones and Behavior</i> , 2016, 84, 18-28.	1.0	48
31	Is secretoneurin a new hormone?. <i>General and Comparative Endocrinology</i> , 2012, 175, 10-18.	0.8	47
32	Effects of lipopolysaccharide treatment on feeding of goldfish: role of appetite-regulating peptides. <i>Brain Research</i> , 2004, 998, 139-147.	1.1	44
33	Molecular cloning and characterization of two putative appetite regulators in winter flounder (<i>Pleuronectes americanus</i>): Preprothyrotropin-releasing hormone (TRH) and preproorexin (OX). <i>Peptides</i> , 2010, 31, 1737-1747.	1.2	43
34	Appetite regulating peptides in red-bellied piranha, <i>Pygocentrus nattereri</i> : Cloning, tissue distribution and effect of fasting on mRNA expression levels. <i>Peptides</i> , 2014, 56, 116-124.	1.2	42
35	The effect of intermittent hypoxia on growth, appetite and some aspects of the immune response of Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture Research</i> , 2013, 45, 124-137.	0.9	41
36	Changes in expression of appetite-regulating hormones in the cunner (<i>Tautoglabrus adspersus</i>) during short-term fasting and winter torpor. <i>Physiology and Behavior</i> , 2013, 120, 54-63.	1.0	40

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37	Appetite regulating factors in pacu (<i>Piaractus mesopotamicus</i>): Tissue distribution and effects of food quantity and quality on gene expression. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 241-254.	0.8	38
38	Chapter 9 The Endocrine Regulation of Food Intake. <i>Fish Physiology</i> , 2009, 28, 421-465.	0.2	37
39	Cloning, tissue distribution and effects of fasting on mRNA expression levels of leptin and ghrelin in red-bellied piranha (<i>Pygocentrus nattereri</i>). <i>General and Comparative Endocrinology</i> , 2015, 217-218, 20-27.	0.8	34
40	Effects of chronic growth hormone overexpression on appetite-regulating brain gene expression in coho salmon. <i>Molecular and Cellular Endocrinology</i> , 2015, 413, 178-188.	1.6	32
41	Molecular characterization of calcitonin gene-related peptide (CGRP) related peptides (CGRP, amylin,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462 1	1.2	30
42	Irisin in goldfish (<i>Carassius auratus</i>): Effects of irisin injections on feeding behavior and expression of appetite regulators, uncoupling proteins and lipoprotein lipase, and fasting-induced changes in FND5 expression. <i>Peptides</i> , 2017, 90, 27-36.	1.2	30
43	Appetite regulating factors in dourado, <i>Salminus brasiliensis</i> : cDNA cloning and effects of fasting and feeding on gene expression. <i>General and Comparative Endocrinology</i> , 2016, 237, 34-42.	0.8	29
44	Cloning and tissue distribution of appetite-regulating peptides in pirapitinga (<i>Piaractus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 1	1.0	28
45	A preliminary investigation of the role of melanin-concentrating hormone (MCH) and its receptors in appetite regulation of winter flounder (<i>Pseudopleuronectes americanus</i>). <i>Molecular and Cellular Endocrinology</i> , 2012, 348, 281-296.	1.6	27
46	Adaptation of the Physiological, Endocrine, and Digestive System Functions to Prolonged Food Deprivation in Fish. , 2012, , 69-89.		26
47	Melanin-concentrating hormone (MCH) and gonadotropin-releasing hormones (GnRH) in Atlantic cod, <i>Gadus morhua</i> : Tissue distributions, early ontogeny and effects of fasting. <i>Peptides</i> , 2013, 50, 109-118.	1.2	26
48	Molecular cloning and expression of cDNA encoding a brain bombesin/gastrin-releasing peptide-like peptide in goldfish†. <i>Peptides</i> , 2000, 21, 639-648.	1.2	25
49	Characterization of the endocrine, digestive and morphological adjustments of the intestine in response to food deprivation and torpor in cunner, <i>Tautoglabrus adspersus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 170, 46-59.	0.8	25
50	The nonapeptide isotocin in goldfish: Evidence for serotonergic regulation and functional roles in the control of food intake and pituitary hormone release. <i>General and Comparative Endocrinology</i> , 2017, 254, 38-49.	0.8	25
51	Daily patterns of mRNA expression of two core circadian regulatory proteins, Clock2 and Per1, and two appetite-regulating peptides, OX and NPY, in goldfish (<i>Carassius auratus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, 127-136.	0.8	24
52	Nutrition and Reproduction in Fish. , 2018, , 743-748.		24
53	Cloning, tissue distribution and effects of food deprivation on pituitary adenylate cyclase activating polypeptide (PACAP)/PACAP-related peptide (PRP) and preprosomatostatin 1 (PPSS 1) in Atlantic cod (<i>Gadus morhua</i>). <i>Peptides</i> , 2009, 30, 766-776.	1.2	22
54	Effect of calcitonin gene-related peptide (CGRP), adrenomedullin and adrenomedullin-2/intermedin on food intake in goldfish (<i>Carassius auratus</i>). <i>Peptides</i> , 2009, 30, 803-807.	1.2	21

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55	The effects of amphetamine injections on feeding behavior and the brain expression of orexin, CART, tyrosine hydroxylase (TH) and thyrotropin releasing hormone (TRH) in goldfish (<i>Carassius auratus</i>). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 979-991.	0.9	21
56	Effects of fasting on the central expression of appetite-regulating and reproductive hormones in wild-type and Casper zebrafish (<i>Danio rerio</i>). <i>General and Comparative Endocrinology</i> , 2019, 282, 113207.	0.8	20
57	Characterization of appetite-regulating factors in platyfish, <i>Xiphophorus maculatus</i> (Cyprinodontiformes Poeciliidae). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 208, 80-88.	0.8	18
58	Gonadotrophin-releasing hormone in winter flounder (<i>Pseudopleuronectes americanus</i>): Molecular characterization, distribution and effects of fasting. <i>General and Comparative Endocrinology</i> , 2013, 184, 9-21.	0.8	17
59	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. <i>Genome Biology and Evolution</i> , 2019, 11, 2099-2106.	1.1	17
60	Effects of potential climate change -induced environmental modifications on food intake and the expression of appetite regulators in goldfish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 235, 138-147.	0.8	17
61	In vitro assessment of interactions between appetite-regulating peptides in brain of goldfish (<i>Carassius auratus</i>). <i>Peptides</i> , 2014, 61, 61-68.	1.2	16
62	Galanin Systems in Non-mammalian Vertebrates with Special Focus on Fishes. <i>Exs</i> , 2010, 102, 243-262.	1.4	16
63	Molecular cloning and characterization of preproorexin in winter skate (<i>Leucoraja ocellata</i>). <i>General and Comparative Endocrinology</i> , 2010, 169, 192-196.	0.8	15
64	Sleep and Orexins in Nonmammalian Vertebrates. <i>Vitamins and Hormones</i> , 2012, 89, 315-339.	0.7	15
65	The effects of fasting and appetite regulators on catecholamine and serotonin synthesis pathways in goldfish (<i>Carassius auratus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 223, 1-9.	0.8	15
66	An investigation of appetite-related peptide transcript expression in Atlantic cod (<i>Gadus morhua</i>) brain following a <i>Camelina sativa</i> meal-supplemented feeding trial. <i>Gene</i> , 2014, 550, 253-263.	1.0	14
67	Response of the thyroid axis and appetite-regulating peptides to fasting and overfeeding in goldfish (<i>Carassius auratus</i>). <i>Molecular and Cellular Endocrinology</i> , 2021, 528, 111229.	1.6	13
68	Effects of tebufenozide on some aspects of lake trout (<i>Salvelinus namaycush</i>) immune response. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 173-179.	2.9	12
69	Cloning and effects of fasting on the brain expression levels of appetite-regulators and reproductive hormones in glass catfish (<i>Kryptopterus vitreolus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 228, 94-102.	0.8	10
70	Effects of fasting on the gene expression of appetite regulators in three Characiformes with different feeding habits (<i>Gymnocorymbus ternetzi</i> , <i>Metynnis argenteus</i> and <i>Exodon paradoxus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 227, 105-115.	0.8	10
71	Effects of short-term exercise on food intake and the expression of appetite-regulating factors in goldfish. <i>Peptides</i> , 2020, 123, 170182.	1.2	6
72	Feeding Behavior, Starvation Response, and Endocrine Regulation of Feeding in Mexican Blind Cavefish (<i>Astyanax fasciatus mexicanus</i>). , 2016, , 269-290.		4

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73	Growth performance, health, and gene expression of appetite-regulating hormones in Dourado Salminus brasiliensis, fed vegetable-based diets supplemented with swine liver hydrolysate. <i>Aquaculture</i> , 2022, 548, 737640.	1.7	4
74	Effects of thyroxine and propylthiouracil on feeding behavior and the expression of hypothalamic appetite-regulating peptides and thyroid function in goldfish (<i>Carassius auratus</i>). <i>Peptides</i> , 2021, 142, 170578.	1.2	2
75	Possible role of transcription factors (BSX, NKX2.1, IRX3 and SIRT1) in the regulation of appetite in goldfish (<i>Carassius auratus</i>).. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 268, 111189.	0.8	2
76	Feed intake and gene expression of appetite-regulating hormones in <i>Salminus brasiliensis</i> fed diets containing soy protein concentrate. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 268, 111208.	0.8	2