

# 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	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
2	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 &amp; Integrative Physiology</i> , 2022, 268, 111189.	0.8	2
3	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 &amp; Integrative Physiology</i> , 2022, 268, 111208.	0.8	2
4	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
5	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
6	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
7	The Role of the Thyroid Axis in Fish. <i>Frontiers in Endocrinology</i> , 2020, 11, 596585.	1.5	95
8	Effects of temperature on feeding and digestive processes in fish. <i>Temperature</i> , 2020, 7, 307-320.	1.6	181
9	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
10	Gut Microbiota and Energy Homeostasis in Fish. <i>Frontiers in Endocrinology</i> , 2019, 10, 9.	1.5	301
11	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
12	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 &amp; Integrative Physiology</i> , 2019, 235, 138-147.	0.8	17
13	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
14	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 &amp; Integrative Physiology</i> , 2019, 228, 94-102.	0.8	10
15	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 &amp; Integrative Physiology</i> , 2019, 227, 105-115.	0.8	10
16	Nutrition and Reproduction in Fish. , 2018, , 743-748.		24
17	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 &amp; Integrative Physiology</i> , 2018, 223, 1-9.	0.8	15
18	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

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19	Characterization of appetite-regulating factors in platyfish, <i>Xiphophorus maculatus</i> (Cyprinodontiformes Poeciliidae). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 208, 80-88.	0.8	18
20	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
21	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 &amp; Integrative Physiology</i> , 2017, 203, 241-254.	0.8	38
22	Appetite-Controlling Endocrine Systems in Teleosts. <i>Frontiers in Endocrinology</i> , 2017, 8, 73.	1.5	163
23	Feeding Behavior, Starvation Response, and Endocrine Regulation of Feeding in Mexican Blind Cavefish ( <i>Astyanax fasciatus mexicanus</i> ). , 2016, , 269-290.		4
24	The Neuroendocrine Regulation of Food Intake in Fish: A Review of Current Knowledge. <i>Frontiers in Neuroscience</i> , 2016, 10, 540.	1.4	244
25	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
26	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
27	Cloning and tissue distribution of appetite-regulating peptides in pirapitinga ( <i>Piaractus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	1.0	28
28	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
29	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
30	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
31	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 &amp; Integrative Physiology</i> , 2014, 170, 46-59.	0.8	25
32	Peripheral injections of cholecystokinin, apelin, ghrelin and orexin in cavefish ( <i>Astyanax fasciatus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 target of rapamycin and appetite-related hormones. <i>General and Comparative Endocrinology</i> , 2014, 196, 34-40.	0.8	78
33	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
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	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

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37	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
38	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
39	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
40	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
41	Sleep and Orexins in Nonmammalian Vertebrates. <i>Vitamins and Hormones</i> , 2012, 89, 315-339.	0.7	15
42	Adaptation of the Physiological, Endocrine, and Digestive System Functions to Prolonged Food Deprivation in Fish. , 2012, , 69-89.		26
43	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
44	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 &amp; Integrative Physiology</i> , 2012, 163, 127-136.	0.8	24
45	Is secretoneurin a new hormone?. <i>General and Comparative Endocrinology</i> , 2012, 175, 10-18.	0.8	47
46	The comparative endocrinology of feeding in fish: Insights and challenges. <i>General and Comparative Endocrinology</i> , 2012, 176, 327-335.	0.8	83
47	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
48	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
49	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
50	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
51	Galanin Systems in Non-mammalian Vertebrates with Special Focus on Fishes. <i>Exs</i> , 2010, 102, 243-262.	1.4	16
52	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
53	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
54	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 &amp; Integrative Physiology</i> , 2009, 153, 8-12.	0.8	78

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55	Chapter 9 The Endocrine Regulation of Food Intake. <i>Fish Physiology</i> , 2009, 28, 421-465.	0.2	37
56	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
57	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
58	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
59	Apelin in goldfish ( <i>Carassius auratus</i> ): Cloning, distribution and role in appetite regulation. <i>Peptides</i> , 2009, 30, 1434-1440.	1.2	57
60	Molecular characterization of calcitonin gene-related peptide (CGRP) related peptides (CGRP, amylin,) Tj ETQq0 0 0 rgBT /Overlock 10 T distribution. <i>Peptides</i> , 2008, 29, 1534-1543.	1.2	30
61	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
62	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
63	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
64	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 &amp; Integrative Physiology</i> , 2007, 146, 451-461.	0.8	106
65	Feeding Behavior of Fish and Its Control. <i>Zebrafish</i> , 2006, 3, 131-140.	0.5	93
66	Effects of amylin on feeding of goldfish: Interactions with CCK. <i>Regulatory Peptides</i> , 2006, 133, 90-96.	1.9	48
67	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 &amp; Integrative Physiology</i> , 2006, 144, 325-331.	0.8	126
68	Neuropeptides and the control of food intake in fish. <i>General and Comparative Endocrinology</i> , 2005, 142, 3-19.	0.8	511
69	Effects of lipopolysaccharide treatment on feeding of goldfish: role of appetite-regulating peptides. <i>Brain Research</i> , 2004, 998, 139-147.	1.1	44
70	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
71	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
72	Brain regulation of feeding behavior and food intake in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2000, 126, 415-434.	0.8	190

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73	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
74	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
75	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
76	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