AyelÃ©n Melisa Blanco

List of Publications by Year
in descending order

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43 papers	707 citations	516215 16 h-index	610482 24 g-index
43 all docs	43 docs citations	43 times ranked	580 citing authors

#	Article	IF	Citations
1	Goldfish (Carassius auratus): biology, husbandry, and research applications. , 2022, , 373-408.		3
2	Dietary protein:lipid ratio modulates somatic growth and expression of genes involved in somatic growth, lipid metabolism and food intake in Pejerrey fry (Odontesthes bonariensis). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 270, 111231.	0.8	1
3	The gutâ€“brain axis in vertebrates: implications for food intake regulation. Journal of Experimental Biology, 2021, 224, .	0.8	19
4	First evidence for the presence of amino acid sensing mechanisms in the fish gastrointestinal tract. Scientific Reports, 2021, 11, 4933.	1.6	16
5	Leptin signalling in teleost fish with emphasis in food intake regulation. Molecular and Cellular Endocrinology, 2021, 526, 111209.	1.6	41
6	Nesfatinâ€1 is an inhibitor of the growth hormoneâ€insulinâ€like growth factor axis in goldfish (<i>Carassius auratus</i>). Journal of Neuroendocrinology, 2021, 33, e13010.	1.2	4
7	Nesfatin-1 stimulates the hypothalamus-pituitary-interrenal axis hormones in goldfish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R603-R613.	0.9	8
8	Brain transcriptome profile after CRISPR-induced ghrelin mutations in zebrafish. Fish Physiology and Biochemistry, 2020, 46, 1-21.	0.9	5
9	Hypothalamic- and pituitary-derived growth and reproductive hormones and the control of energy balance in fish. General and Comparative Endocrinology, 2020, 287, 113322.	0.8	43
10	Cover Image, Volume 235, Number 10, October 2020. Journal of Cellular Physiology, 2020, 235, i.	2.0	0
11	Phoenixin-20 suppresses food intake, modulates glucoregulatory enzymes, and enhances glycolysis in zebrafish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R917-R928.	0.9	17
12	Feeding and food availability modulate brain-derived neurotrophic factor, an orexigen with metabolic roles in zebrafish. Scientific Reports, 2020, 10, 10727.	1.6	14
13	Growth differentiation factor 15 (GDF-15) is a novel orexigen in fish. Molecular and Cellular Endocrinology, 2020, 505, 110720.	1.6	4
14	Goldfish adipocytes are pancreatic beta cellâ€like, glucoseâ€responsive insulinâ€producing cells. Journal of Cellular Physiology, 2020, 235, 6875-6886.	2.0	5
15	FGF21 Mimics a Fasting-Induced Metabolic State and Increases Appetite in Zebrafish. Scientific Reports, 2020, 10, 6993.	1.6	16
16	In vitro insulin treatment reverses changes elicited by nutrients in cellular metabolic processes that regulate food intake in fish. Journal of Experimental Biology, 2020, 223, .	0.8	3
17	Nesfatin-1 regulates glucoregulatory genes in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 235, 121-130.	0.8	5
18	Nutrient Regulation of Endocrine Factors Influencing Feeding and Growth in Fish. Frontiers in Endocrinology, 2019, 10, 83.	1.5	73

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19	Ghrelin and NUCB2/Nesfatinâ€1 Coâ€Localization With Digestive Enzymes in the Intestine of Pejerrey (<scp><i>Odontesthes bonariensis</i></scp>). Anatomical Record, 2019, 302, 973-982.	0.8	7
20	Galanin decreases spontaneous resting contractions and potentiates acetyl choline-induced contractions of goldfish gut. Neuropeptides, 2018, 69, 92-97.	0.9	7
21	Why goldfish? Merits and challenges in employing goldfish as a model organism in comparative endocrinology research. General and Comparative Endocrinology, 2018, 257, 13-28.	0.8	50
22	First evidence of nocturnin in fish: two isoforms in goldfish differentially regulated by feeding. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R304-R312.	0.9	6
23	Nesfatin-1 Regulates Feeding, Glucosensing and Lipid Metabolism in Rainbow Trout. Frontiers in Endocrinology, 2018, 9, 484.	1.5	16
24	Xenin is a novel anorexigen in goldfish (Carassius auratus). PLoS ONE, 2018, 13, e0197817.	1.1	6
25	Tissue-specific expression and circulating concentrations of nesfatin-1 in domestic animals. Domestic Animal Endocrinology, 2018, 65, 56-66.	0.8	8
26	The anorectic effect of central PYY1-36 treatment in rainbow trout (Oncorhynchus mykiss) is associated with changes in mRNAs encoding neuropeptides and parameters related to fatty acid sensing and metabolism. General and Comparative Endocrinology, 2018, 267, 137-145.	0.8	9
27	Glucose, amino acids and fatty acids directly regulate ghrelin and NUCB2/nesfatin-1 in the intestine and hepatopancreas of goldfish (Carassius auratus) in vitro. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 206, 24-35.	0.8	26
28	Ghrelin induces clock gene expression in the liver of goldfish in vitro via protein kinase C and protein kinase A pathways. Journal of Experimental Biology, 2017, 220, 1295-1306.	0.8	5
29	Ghrelin suppresses cholecystokinin (CCK), peptide YY (PYY) and glucagon-like peptide-1 (GLP-1) in the intestine, and attenuates the anorectic effects of CCK, PYY and GLP-1 in goldfish (Carassius auratus). Hormones and Behavior, 2017, 93, 62-71.	1.0	28
30	Influence of water salinity on genes implicated in somatic growth, lipid metabolism and food intake in Pejerrey (Odontesthes bonariensis). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 210, 29-38.	0.7	16
31	Ghrelin Facilitates GLUT2-, SGLT1- and SGLT2-mediated Intestinal Glucose Transport in Goldfish (Carassius auratus). Scientific Reports, 2017, 7, 45024.	1.6	25
32	Ghrelin modulates gene and protein expression of digestive enzymes in the intestine and hepatopancreas of goldfish (Carassius auratus) via the GHS-R1a: Possible roles of PLC/PKC and AC/PKA intracellular signaling pathways. Molecular and Cellular Endocrinology, 2017, 442, 165-181.	1.6	24
33	Brain and intestinal expression of galanin-like peptide (GALP), galanin receptor R1 and galanin receptor R2, and GALP regulation of food intake in goldfish (Carassius auratus). Neuroscience Letters, 2017, 637, 126-135.	1.0	4
34	Direct actions of macronutrient components on goldfish hepatopancreas in vitro to modulate the expression of ghr-I, ghr-II, igf-I and igf-II mRNAs. General and Comparative Endocrinology, 2017, 250, 1-8.	0.8	17
35	Characterization of Ghrelin O-Acyltransferase (GOAT) in goldfish (Carassius auratus). PLoS ONE, 2017, 12, e0171874.	1.1	10
36	Brain Mapping of Ghrelin Oâ€Acyltransferase in Goldfish (<i>Carassius Auratus</i>): Novel Roles for the Ghrelinergic System in Fish?. Anatomical Record, 2016, 299, 748-758.	0.8	5

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37	Estradiol and testosterone modulate the tissue-specific expression of ghrelin, ghs-r, goat and nucb2 in goldfish. General and Comparative Endocrinology, 2016, 228, 17-23.	0.8	21
38	Periprandial changes and effects of short- and long-term fasting on ghrelin, GOAT, and ghrelin receptors in goldfish (Carassius auratus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 727-738.	0.7	28
39	Nesfatin-1-Like Peptide Encoded in Nucleobindin-1 in Goldfish is a Novel Anorexigen Modulated by Sex Steroids, Macronutrients and Daily Rhythm. Scientific Reports, 2016, 6, 28377.	1.6	31
40	Tissue-specific expression of ghrelinergic and NUCB2/nesfatin-1 systems in goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Physiology Part A, Molecular & Integrative Physiology, 2016, 195, 1-9.	0.8	19
41	In Situ Localization and Rhythmic Expression of Ghrelin and ghs-r1 Ghrelin Receptor in the Brain and Gastrointestinal Tract of Goldfish (Carassius auratus). PLoS ONE, 2015, 10, e0141043.	1.1	30
42	Brain glycogen supercompensation after different conditions of induced hypoglycemia and sustained swimming in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 187, 55-60.	0.8	4
43	Two cholecystokinin receptor subtypes are identified in goldfish, being the CCKAR involved in the regulation of intestinal motility. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 187, 193-201.	0.8	28