Jose Miguel Cerda-Reverter

List of Publications by Year
in descending order

85 papers	4,467 citations	81839 39 h-index	110317 64 g-index
86 all docs	86 docs citations	86 times ranked	2887 citing authors

#	Article	IF	Citations
1	Dietary discrimination using a dual-choice self-feeding system in seabream (Sparus aurata). Aquaculture, 2022, 559, 738449.	1.7	1
2	Enhanced growth without accelerated puberty in fish: A role for the melanocortin system. Aquaculture, 2021, 540, 736721.	1.7	4
3	Distribution of two isoforms of tryptophan hydroxylase in the brain of rainbow trout (Oncorhynchus mykiss). An in situ hybridization study. Brain Structure and Function, 2021, 226, 2265-2278.	1.2	3
4	Brain transcriptome profile after CRISPR-induced ghrelin mutations in zebrafish. Fish Physiology and Biochemistry, 2020, 46, 1-21.	0.9	5
5	Growth Performance After Agouti-Signaling Protein 1 (<i>Asip1</i>) Overexpression in Transgenic Zebrafish. Zebrafish, 2020, 17, 373-381.	0.5	8
6	Insights into the Function and Evolution of Taste 1 Receptor Gene Family in the Carnivore Fish Gilthead Seabream (Sparus aurata). International Journal of Molecular Sciences, 2020, 21, 7732.	1.8	9
7	Signal Transduction and Pathogenic Modifications at the Melanocortin-4 Receptor: A Structural Perspective. Frontiers in Endocrinology, 2019, 10, 515.	1.5	24
8	Lossâ€ofâ€function mutations in the melanocortin 1 receptor cause disruption of dorsoâ€ventral countershading in teleost fish. Pigment Cell and Melanoma Research, 2019, 32, 817-828.	1.5	31
9	Evolution of proopiomelanocortin. Vitamins and Hormones, 2019, 111, 1-16.	0.7	8
10	Melanocortin Receptor Accessory Protein 2-Induced Adrenocorticotropic Hormone Response of Human Melanocortin 4 Receptor. Journal of the Endocrine Society, 2019, 3, 314-323.	0.1	19
11	Sensing Glucose in the Central Melanocortin Circuits of Rainbow Trout: A Morphological Study. Frontiers in Endocrinology, 2019, 10, 254.	1.5	11
12	Countershading in zebrafish results from an Asip1 controlled dorsoventral gradient of pigment cell differentiation. Scientific Reports, 2019, 9, 3449.	1.6	45
13	Central regulation of food intake in fish: an evolutionary perspective. Journal of Molecular Endocrinology, 2018, 60, R171-R199.	1.1	108
14	Glucosensing capacity of rainbow trout telencephalon. Journal of Neuroendocrinology, 2018, 30, e12583.	1.2	10
15	Fish Pigmentation. A Key Issue for the Sustainable Development of Fish Farming. , 2018, , 229-252.		10
16	Expression of genes for melanotropic peptides and their receptors for morphological color change in goldfish Carassius auratus. General and Comparative Endocrinology, 2018, 264, 138-150.	0.8	20
17	Effects of acute handling stress on short-term central expression of orexigenic/anorexigenic genes in zebrafish. Fish Physiology and Biochemistry, 2018, 44, 257-272.	0.9	23
18	Fish pigmentation and the melanocortin system. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 211, 26-33.	0.8	102

#	Article	IF	Citations
19	BAC Recombineering of the <i>Agouti</i> Loci from Spotted Gar and Zebrafish Reveals the Evolutionary Ancestry of Dorsalâ€“Ventral Pigment Asymmetry in Fish. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 697-708.	0.6	18
20	Data on the density of xanthophores in a whole scale of goldfish acclimated to white or black background color. Data in Brief, 2017, 14, 724-729.	0.5	3
21	Pth4, an ancient parathyroid hormone lost in eutherian mammals, reveals a new brainâ€toâ€bone signaling pathway. FASEB Journal, 2017, 31, 569-583.	0.2	17
22	Hypothalamic Integration of Metabolic, Endocrine, and Circadian Signals in Fish: Involvement in the Control of Food Intake. Frontiers in Neuroscience, 2017, 11, 354.	1.4	109
23	Behind melanocortin antagonist overexpression in the zebrafish brain: A behavioral and transcriptomic approach. Hormones and Behavior, 2016, 82, 87-100.	1.0	34
24	60 YEARS OF POMC: POMC: an evolutionary perspective. Journal of Molecular Endocrinology, 2016, 56, T113-T118.	1.1	20
25	Ghrelin modulates hypothalamic fatty acid-sensing and control of food intake in rainbow trout. Journal of Endocrinology, 2016, 228, 25-37.	1.2	45
26	Thyroid Hormones Regulate Zebrafish Melanogenesis in a Gender-Specific Manner. PLoS ONE, 2016, 11, e0166152.	1.1	30
27	Pigment patterns in adult fish result from superimposition of two largely independent pigmentation mechanisms. Pigment Cell and Melanoma Research, 2015, 28, 196-209.	1.5	55
28	Spots, not stripes, from just holding on. Pigment Cell and Melanoma Research, 2015, 28, 644-646.	1.5	0
29	Molecular cloning and characterization of the matricellular protein Sparc/osteonectin in flatfish, Scophthalmus maximus, and its developmental stage-dependent transcriptional regulation during metamorphosis. Gene, 2015, 568, 129-139.	1.0	9
30	Evolution of the melanocortin system. General and Comparative Endocrinology, 2014, 209, 3-10.	0.8	54
31	Characterization of sea bass FSHÎ² 5â€² flanking region: transcriptional control by 17Î²-estradiol. Fish Physiology and Biochemistry, 2014, 40, 849-864.	0.9	4
32	Melanocortin receptor accessory protein 2 (MRAP2) interplays with the zebrafish melanocortin 1 receptor (MC1R) but has no effect on its pharmacological profile. General and Comparative Endocrinology, 2014, 201, 30-36.	0.8	14
33	Characterization, tissue distribution and regulation by fasting of the agouti family of peptides in the sea bass (Dicentrarchus labrax). General and Comparative Endocrinology, 2014, 205, 251-259.	0.8	53
34	Involvement of melanocortin receptor accessory proteins (MRAPs) in the function of melanocortin receptors. General and Comparative Endocrinology, 2013, 188, 133-136.	0.8	24
35	Effects of dopaminergic system activation on feeding behavior and growth performance of the sea bass (Dicentrarchus labrax): A self-feeding approach. Hormones and Behavior, 2013, 64, 113-121.	1.0	23
36	Melanocortin 4 Receptor Becomes an ACTH Receptor by Coexpression of Melanocortin Receptor Accessory Protein 2. Molecular Endocrinology, 2013, 27, 1934-1945.	3.7	64

#	Article	IF	Citations
37	Morphological and Molecular Characterization of Dietary-Induced Pseudo-Albinism during Post-Embryonic Development of Solea senegalensis (Kaup, 1858). PLoS ONE, 2013, 8, e68844.	1.1	24
38	Molecular Characterization and Functional Regulation of Melanocortin 2 Receptor (MC2R) in the Sea Bass. A Putative Role in the Adaptation to Stress. PLoS ONE, 2013, 8, e65450.	1.1	37
39	Assessment of estrogenic and thyrogenic activities in fish feeds. Aquaculture, 2012, 338-341, 172-180.	1.7	19
40	The C-terminal domains of melanocortin-2 receptor (MC2R) accessory proteins (MRAP1) influence their localization and ACTH-induced cAMP production. General and Comparative Endocrinology, 2012, 176, 265-274.	0.8	17
41	Identification of Distant Agouti-Like Sequences and Re-Evaluation of the Evolutionary History of the Agouti-Related Peptide (AgRP). PLoS ONE, 2012, 7, e40982.	1.1	17
42	Transient Ectopic Overexpression of Agouti-Signalling Protein 1 (Asip1) Induces Pigment Anomalies in Flatfish. PLoS ONE, 2012, 7, e48526.	1.1	41
43	Pigment-dispersing activities and cortisol-releasing activities of melanocortins and their receptors in xanthophores and head kidneys of the goldfish Carassius auratus. General and Comparative Endocrinology, 2011, 173, 438-446.	0.8	28
44	Fish melanocortin system. European Journal of Pharmacology, 2011, 660, 53-60.	1.7	92
45	Stress-induced effects on feeding behavior and growth performance of the sea bass (Dicentrarchus) Tj ETQq1 1 0.784314 rgBT /Overl… Environmental Physiology, 2011, 181, 1035-1044.	0.7	69
46	Molecular and pharmacological characterization of the melanocortin type 1 receptor in the sea bass. General and Comparative Endocrinology, 2010, 165, 163-169.	0.8	35
47	Effect of different glycaemic conditions on gene expression of neuropeptides involved in control of food intake in rainbow trout; interaction with stress. Journal of Experimental Biology, 2010, 213, 3858-3865.	0.8	74
48	MELATONIN-SYNTHESIZING ENZYMES IN PINEAL, RETINA, LIVER, AND GUT OF THE GOLDFISH (<i>CARASSIUS</i>): mRNA EXPRESSION PATTERN AND REGULATION OF DAILY RHYTHMS BY LIGHTING CONDITIONS. Chronobiology International, 2010, 27, 1178-1201.	0.9	63
49	Role of melanocortin receptor accessory proteins in the function of zebrafish melanocortin receptor type 2. Molecular and Cellular Endocrinology, 2010, 320, 145-152.	1.6	81
50	Expression and role of Elovl4 elongases in biosynthesis of very long-chain fatty acids during zebrafish Danio rerio early embryonic development. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1145-1154.	1.2	100
51	Compensatory feeding in the sea bass after fasting and physical stress. Aquaculture, 2010, 298, 332-337.	1.7	33
52	Phosphodiesterase inhibitor-dependent inverse agonism of agouti-related protein on melanocortin 4 receptor in sea bass (<i>Dicentrarchus labrax</i>). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1293-R1306.	0.9	60
53	Characterization of the sea bass melanocortin 5 receptor: a putative role in hepatic lipid metabolism. Journal of Experimental Biology, 2009, 212, 3901-3910.	0.8	41
54	Sex steroid-induced inhibition of food intake in sea bass (Dicentrarchus labrax). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 77-86.	0.7	21

#	Article	IF	Citations
55	Expression of long-chain polyunsaturated fatty acid (LC-PUFA) biosynthesis genes during zebrafish Danio rerio early embryogenesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 1093-1101.	1.2	106
56	Chapter 1 Neuroendocrine Systems of the Fish Brain. Fish Physiology, 2009, 28, 3-74.	0.2	61
57	Distribution of estrogen receptor 2 mRNAs (Esr2a and Esr2b) in the brain and pituitary of the sea bass (Dicentrarchus labrax). Brain Research, 2008, 1210, 126-141.	1.1	33
58	Lipoprotein lipase (LPL) is highly expressed and active in the ovary of European sea bass (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 & Integrative Physiology, 2008, 150, 347-354.	0.8	58
59	Molecular characterization and central distribution of the estradiol receptor alpha (ERÎ±) in the sea bass (Dicentrarchus labrax). Journal of Chemical Neuroanatomy, 2008, 35, 33-48.	1.0	38
60	Reduction of sexual maturation in male Dicentrarchus labrax by continuous light both before and during gametogenesis. Aquaculture, 2008, 275, 347-355.	1.7	61
61	A cytoarchitectonic study of the brain of a perciform species, the sea bass (Dicentrarchus labrax): The midbrain and hindbrain. Acta Histochemica, 2008, 110, 433-450.	0.9	30
62	Molecular characterization of two sea bass gonadotropin receptors: cDNA cloning, expression analysis, and functional activity. Molecular and Cellular Endocrinology, 2007, 272, 63-76.	1.6	67
63	Regulation of the Hypothalamic Melanin-Concentrating Hormone Neurons by Sex Steroids in the Goldfish: Possible Role in the Modulation of Luteinizing Hormone Secretion. Neuroendocrinology, 2006, 84, 364-377.	1.2	45
64	A comparative ex vivo and in vivo study of day and night perception in teleosts species using the melatonin rhythm. Journal of Pineal Research, 2006, 41, 42-52.	3.4	82
65	Neuropeptides and the control of food intake in fish. General and Comparative Endocrinology, 2005, 142, 3-19.	0.8	511
66	Gene Structure of the Goldfish Agouti-Signaling Protein: A Putative Role in the Dorsal-Ventral Pigment Pattern of Fish. Endocrinology, 2005, 146, 1597-1610.	1.4	85
67	Evolutionary conservation of the structural, pharmacological, and genomic characteristics of the melanocortin receptor subtypes. Peptides, 2005, 26, 1886-1900.	1.2	116
68	In situ localization of preprogalanin mRNA in the goldfish brain and changes in its expression during feeding and starvation. General and Comparative Endocrinology, 2004, 136, 200-207.	0.8	43
69	Brain mapping of three somatostatin encoding genes in the goldfish. Journal of Comparative Neurology, 2004, 474, 43-57.	0.9	30
70	Cloning and Expression of Gonadotropin-Releasing Hormone Receptor in the Brain and Pituitary of the European Sea Bass: An In Situ Hybridization Study1. Biology of Reproduction, 2004, 70, 1380-1391.	1.2	62
71	Molecular cloning, characterization and brain mapping of the melanocortin 5 receptor in the goldfish. Journal of Neurochemistry, 2003, 87, 1354-1367.	2.1	46
72	The central melanocortin system regulates food intake in goldfish. Regulatory Peptides, 2003, 115, 101-113.	1.9	139

#	Article	IF	Citations
73	Molecular Cloning, Pharmacological Characterization, and Brain Mapping of the Melanocortin 4 Receptor in the Goldfish: Involvement in the Control of Food Intake. Endocrinology, 2003, 144, 2336-2349.	1.4	161
74	Endogenous Melanocortin Antagonist in Fish: Structure, Brain Mapping, and Regulation by Fasting of the Goldfish Agouti-Related Protein Gene. Endocrinology, 2003, 144, 4552-4561.	1.4	130
75	Cytoarchitectonic study of the brain of a perciform species, the sea bass (Dicentrarchus labrax). I. The telencephalon. Journal of Morphology, 2001, 247, 217-228.	0.6	74
76	Cytoarchitectonic study of the brain of a perciform species, the sea bass (Dicentrarchus labrax). II. The diencephalon. Journal of Morphology, 2001, 247, 229-251.	0.6	80
77	Peptide YY (PYY) and fish pancreatic peptide Y (PY) expression in the brain of the sea bass (Dicentrarchus labrax) as revealed by in situ hybridization. Journal of Comparative Neurology, 2000, 426, 197-208.	0.9	40
78	Molecular evolution of the neuropeptide Y (NPY) family of peptides: cloning of three NPY-related peptides from the sea bass (Dicentrarchus labrax). Regulatory Peptides, 2000, 95, 25-34.	1.9	73
79	Characterization of neuropeptide Y expression in the brain of a perciform fish, the sea bass (Dicentrarchus labrax). Journal of Chemical Neuroanatomy, 2000, 19, 197-210.	1.0	80
80	Neuropeptide Y family of peptides: Structure, anatomical expression, function, and molecular evolution. Biochemistry and Cell Biology, 2000, 78, 371-392.	0.9	205
81	Energetic dependence of NPY-induced LH secretion in a teleost fish (Dicentrarchus labrax). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1627-R1634.	0.9	20
82	Cloning the neuropeptide Y Exon 2 from sea bass (Dicentrarchus labrax). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1999, 123, 181-186.	0.7	13
83	Cloning of Neuropeptide Y, Peptide YY, and Peptide Y from Sea Bass (Dicentrarchus labrax), A Marine Teleosta. Annals of the New York Academy of Sciences, 1998, 839, 493-495.	1.8	15
84	Time-course studies on plasma glucose, insulin, and cortisol in sea bass (Dicentrarchus labrax) held under different photoperiodic regimes. Physiology and Behavior, 1998, 64, 245-250.	1.0	64
85	Development of Enzyme Immunoassays for 3,5,3â€²-Triiodo-l-thyronine andl-Thyroxine: Time-Course Studies on the Effect of Food Deprivation on Plasma Thyroid Hormones in Two Marine Teleosts, Sea Bass (Dicentrarchus labraxL.) and Sea Bream (Sparus aurataL.). General and Comparative Endocrinology, 1996, 103, 290-300.	0.8	30