MarÃ-a J Delgado

List of Publications by Year
in descending order

115 papers	3,873 citations	109137 35 h-index	143772 57 g-index
115 all docs	115 docs citations	115 times ranked	2393 citing authors

#	ARTICLE	IF	CITATIONS
1	REV-ERBÎ± Agonist SR9009 Promotes a Negative Energy Balance in Goldfish. International Journal of Molecular Sciences, 2022, 23, 2921.	1.8	4
2	The Lack of Light-Dark and Feeding-Fasting Cycles Alters Temporal Events in the Goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	13
3	Transient Receptor Potential-Vanilloid (TRPV1-TRPV4) Channels in the Atlantic Salmon, Salmo salar. A Focus on the Pineal Gland and Melatonin Production. Frontiers in Physiology, 2021, 12, 784416.	1.3	9
4	Pituitary Hormones mRNA Abundance in the Mediterranean Sea Bass Dicentrarchus labrax: Seasonal Rhythms, Effects of Melatonin and Water Salinity. Frontiers in Physiology, 2021, 12, 774975.	1.3	1
5	First evidence on the role of palmitoylethanolamide in energy homeostasis in fish. Hormones and Behavior, 2020, 117, 104609.	1.0	5
6	Brain transcriptome profile after CRISPR-induced ghrelin mutations in zebrafish. Fish Physiology and Biochemistry, 2020, 46, 1-21.	0.9	5
7	Editorial: Neuroendocrine Control of Energy Homeostasis in Non-mammalian Vertebrates and Invertebrates. Frontiers in Endocrinology, 2020, 11, 404.	1.5	3
8	Diurnal Profiles of N-Acylethanolamines in Goldfish Brain and Gastrointestinal Tract: Possible Role of Feeding. Frontiers in Neuroscience, 2019, 13, 450.	1.4	7
9	Central regulation of food intake in fish: an evolutionary perspective. Journal of Molecular Endocrinology, 2018, 60, R171-R199.	1.1	108
10	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
11	Time-Lag in Feeding Schedule Acts as a Stressor That Alters Circadian Oscillators in Goldfish. Frontiers in Physiology, 2018, 9, 1749.	1.3	10
12	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
13	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
14	Ghrelin Facilitates GLUT2-, SGLT1- and SGLT2-mediated Intestinal Glucose Transport in Goldfish (Carassius auratus). Scientific Reports, 2017, 7, 45024.	1.6	25
15	Interplay between the endocrine and circadian systems in fishes. Journal of Endocrinology, 2017, 232, R141-R159.	1.2	72
16	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
17	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
18	Characterization of Ghrelin O-Acyltransferase (GOAT) in goldfish (Carassius auratus). PLoS ONE, 2017, 12, e0171874.	1.1	10

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19	Brain Mapping of Ghrelin Oâ€Acyltransferase in Goldfish (Carassius Auratus): Novel Roles for the Ghrelinergic System in Fish?. Anatomical Record, 2016, 299, 748-758.	0.8	5
20	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
21	The satiety factor oleoylethanolamide impacts hepatic lipid and glucose metabolism in goldfish. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 1009-1021.	0.7	17
22	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
23	Performing a hepatic timing signal: glucocorticoids induce gper1a and gper1b expression and repress gclock1a and gbmal1a in the liver of goldfish. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 73-82.	0.7	35
24	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
25	The liver of goldfish as a component of the circadian system: Integrating a network of signals. General and Comparative Endocrinology, 2015, 221, 213-216.	0.8	19
26	Anatomical distribution and daily profile ofgper1bgene expression in brain and peripheral structures of goldfish (Carassius auratus). Chronobiology International, 2015, 32, 889-902.	0.9	13
27	In the Heat of the Night: Thermo-TRPV Channels in the Salmonid Pineal Photoreceptors and Modulation of Melatonin Secretion. Endocrinology, 2015, 156, 4629-4638.	1.4	25
28	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
29	Role of oleoylethanolamide as a feeding regulator in goldfish. Journal of Experimental Biology, 2014, 217, 2761-9.	0.8	28
30	Ghrelin increases food intake, swimming activity and growth in juvenile brown trout (Salmo trutta). Physiology and Behavior, 2014, 124, 15-22.	1.0	41
31	Crosstalking between the â€œgut-brainâ€•hormone ghrelin and the circadian system in the goldfish. Effects on clock gene expression and food anticipatory activity. General and Comparative Endocrinology, 2014, 205, 287-295.	0.8	30
32	Leptin expression is rhythmic in brain and liver of goldfish (Carassius auratus). Role of feeding time. General and Comparative Endocrinology, 2014, 204, 239-247.	0.8	26
33	Orexin as an input of circadian system in goldfish: Effects on clock gene expression and locomotor activity rhythms. Peptides, 2014, 52, 29-37.	1.2	15
34	The arylalkylamine-N-acetyltransferase (AANAT) acetylates dopamine in the digestive tract of goldfish: A role in intestinal motility. Neurochemistry International, 2013, 62, 873-880.	1.9	16
35	Light-dark cycle and feeding time differentially entrains the gut molecular clock of the goldfish (Carassius auratus).. Chronobiology International, 2012, 29, 665-673.	0.9	50
36	Leptins and leptin receptor expression in the goldfish (Carassius auratus). Regulation by food intake and fasting/overfeeding conditions. Peptides, 2012, 34, 329-335.	1.2	98

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37	Characterization of two different melatonin binding sites in peripheral tissues of the teleost Tinca tinca. General and Comparative Endocrinology, 2012, 175, 180-187.	0.8	6
38	Feeding Time Synchronizes Clock Gene Rhythmic Expression in Brain and Liver of Goldfish (Carassius auratus). Journal of Biological Rhythms, 2011, 26, 24-33.	1.4	51
39	Time-dependent effects of leptin on food intake and locomotor activity in goldfish. Peptides, 2011, 32, 989-995.	1.2	34
40	Melatonin effects on gut motility are independent of the relaxation mediated by the nitrergic system in the goldfish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 367-371.	0.8	9
41	Serotonin-induced contraction in isolated intestine from a teleost fish (Carassius auratus): characterization and interactions with melatonin. Neurogastroenterology and Motility, 2010, 22, e364-e373.	1.6	38
42	MELATONIN-SYNTHESIZING ENZYMES IN PINEAL, RETINA, LIVER, AND GUT OF THE GOLDFISH (CARASSIUS): mRNA EXPRESSION PATTERN AND REGULATION OF DAILY RHYTHMS BY LIGHTING CONDITIONS. Chronobiology International, 2010, 27, 1178-1201.	0.9	63
43	Melatonin reduces locomotor activity and circulating cortisol in goldfish. Hormones and Behavior, 2010, 57, 323-329.	1.0	40
44	Circadian Clocks in Retina of Goldfish. , 2010, , 251-259.		1
45	Effects of water salinity on melatonin levels in plasma and peripheral tissues and on melatonin binding sites in European sea bass (Dicentrarchus labrax). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 486-490.	0.8	22
46	Melatonin attenuates the acetylcholine-induced contraction in isolated intestine of a teleost fish. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 951-959.	0.7	26
47	Effect of calcitonin gene-related peptide (CGRP), adrenomedullin and adrenomedullin-2/intermedin on food intake in goldfish (Carassius auratus). Peptides, 2009, 30, 803-807.	1.2	21
48	Circadian Clock Genes of Goldfish, Carassius auratus: cDNA Cloning and Rhythmic Expression of Period and Cryptochrome Transcripts in Retina, Liver, and Gut. Journal of Biological Rhythms, 2009, 24, 104-113.	1.4	99
49	Melatonin reduces body weight in goldfish (Carassius auratus): effects on metabolic resources and some feeding regulators. Journal of Pineal Research, 2008, 45, 32-39.	3.4	56
50	Melatonin receptors in brain areas and ocular tissues of the teleost Tinca tinca: Characterization and effect of temperature. General and Comparative Endocrinology, 2008, 155, 847-856.	0.8	16
51	Growth, food intake regulation and metabolic adaptations in goldfish (Carassius auratus) exposed to different salinities. Aquaculture, 2008, 276, 171-178.	1.7	87
52	Molecular characterization of calcitonin gene-related peptide (CGRP) related peptides (CGRP, amylin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf distribution. Peptides, 2008, 29, 1534-1543.	1.2	30
53	Melatonin Binding Sites in Senegal Sole: Day/Night Changes in Density and Location in Different Regions of the Brain. Chronobiology International, 2008, 25, 645-652.	0.9	12
54	Feeding entrainment of locomotor activity rhythms, digestive enzymes and neuroendocrine factors in goldfish. Physiology and Behavior, 2007, 90, 518-524.	1.0	109

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55	Retinal, pineal and diencephalic expression of frog arylalkylamine N-acetyltransferase-1. Molecular and Cellular Endocrinology, 2006, 252, 11-18.	1.6	17
56	Acute and chronic leptin reduces food intake and body weight in goldfish (Carassius auratus). Journal of Endocrinology, 2006, 188, 513-520.	1.2	128
57	The endocannabinoid system in the brain of Carassius auratus and its possible role in the control of food intake. Journal of Neurochemistry, 2005, 95, 662-672.	2.1	74
58	Effects of temperature on 2-[125I]-iodomelatonin binding to melatonin receptors in the neural retina of the frog Rana perezi. Journal of Pineal Research, 2005, 38, 176-181.	3.4	10
59	Ontogeny of central melatonin receptors in tadpoles of the anuran Rana perezi: modulation of dopamine release. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 1099-1105.	0.7	6
60	Daily and seasonal variations in haematological and blood biochemical parameters in the tench, Tinca tinca Linnaeus, 1758. Aquaculture Research, 2005, 36, 1185-1196.	0.9	156
61	Ontogeny of central melatonin receptors in tadpoles of the anuran Rana perezi: modulation of dopamine release. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 1-7.	0.7	0
62	Characterization of melatonin binding sites in the brain and retina of the frog Rana perezi. General and Comparative Endocrinology, 2004, 135, 259-267.	0.8	15
63	2-[125I]-Melatonin binding sites in the central nervous system and neural retina of the frog Rana perezi: regulation by light and temperature. General and Comparative Endocrinology, 2004, 139, 95-102.	0.8	6
64	Binding characteristics and daily rhythms of melatonin receptors are distinct in the retina and the brain areas of the European sea bass retina (Dicentrarchus labrax). Brain Research, 2004, 1029, 241-250.	1.1	36
65	Changes in glucose, glycogen, thyroid activity and hypothalamic catecholamines in tench by starvation and refeeding. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2003, 173, 475-481.	0.7	75
66	Seasonal changes in haematology and metabolic resources in the tench. Journal of Fish Biology, 2003, 62, 803-815.	0.7	65
67	Seasonal changes in plasma gonadal steroid concentrations and gonadal morphology of male and female tench (Tinca tinca , L.). Aquaculture Research, 2003, 34, 1181-1189.	0.9	25
68	Effects of 14-methoxymetopon, a potent opioid agonist, on the responses to the tail electric stimulation test and plus-maze activity in male rats: neuroendocrine correlates. Brain Research Bulletin, 2002, 57, 661-666.	1.4	23
69	Production, release and olfactory detection of sex steroids by the tench (Tinca tinca L.). Fish Physiology and Biochemistry, 2002, 26, 197-210.	0.9	25
70	Day/night variations of dopamine ocular content during Xenopus laevis ontogeny. Neuroscience Letters, 2001, 300, 129-132.	1.0	4
71	Food intake inhibition by melatonin in goldfish (Carassius auratus). Physiology and Behavior, 2001, 72, 629-634.	1.0	72
72	Influence of dietary composition on growth and energy reserves in tench (Tinca tinca). Journal of Applied Ichthyology, 2001, 17, 25-29.	0.3	21

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73	Fasting and hypothalamic catecholamines in goldfish. Journal of Fish Biology, 2001, 58, 1404-1413.	0.7	19
74	Fasting and hypothalamic catecholamines in goldfish. , 2001, 58, 1404.		2
75	NPY receptors and opioidergic system are involved in NPY-induced feeding in goldfish. Peptides, 2000, 21, 1495-1502.	1.2	76
76	Melatonin synthesis in the greenfrog retina in culture: I. Modulation by the light/dark cycle, forskolin and inhibitors of protein synthesis. Life Sciences, 2000, 66, 675-685.	2.0	7
77	Melatonin synthesis in the greenfrog retina in culture: II. Dopaminergic and adrenergic control. Life Sciences, 2000, 66, 687-695.	2.0	3
78	Galanin and Î²-endorphin as feeding regulators in cyprinids: effect of temperature. Aquaculture Research, 1999, 30, 483-489.	0.9	27
79	Neuropeptide Y has a stimulatory action on feeding behavior in goldfish (Carassius auratus). European Journal of Pharmacology, 1999, 377, 147-153.	1.7	166
80	Inhibitory Effect of Serotonin on Feeding Behavior in Goldfish: Involvement of CRF. Peptides, 1998, 19, 505-511.	1.2	162
81	Î±1-Adrenergic and dopaminergic receptors are involved in the anoretic effect of corticotropin-releasing factor in goldfish. Life Sciences, 1998, 62, 1801-1808.	2.0	37
82	Effect of Î±-helical-CRF[9-41] on feeding in goldfish: Involvement of cortisol and catecholamines.. Behavioral Neuroscience, 1997, 111, 398-403.	0.6	64
83	Changes in Thyroid Hormone Concentrations and Total Contents through Ontogeny in Three Anuran Species: Evidence for Daily Cycles. General and Comparative Endocrinology, 1997, 107, 240-250.	0.8	27
84	Effect of constant and fluctuating temperature on daily melatonin production by eyecups from Rana perezi. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1997, 167, 221-228.	0.7	17
85	Daily changes in thyroid activity in the frog Rana perezi: Variation with season. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 114, 79-87.	0.5	7
86	Mu-opioid receptor is involved in Î²-endorphin-induced feeding in goldfish. Peptides, 1996, 17, 421-424.	1.2	30
87	CRF effect on thyroid function is not mediated by feeding behavior in goldfish. Pharmacology Biochemistry and Behavior, 1995, 51, 885-890.	1.3	12
88	Seasonal Changes in Thyroid Activity in Male and Female Frog, Rana perezi. General and Comparative Endocrinology, 1995, 97, 66-75.	0.8	15
89	Differential characteristics and regulation of arylamine and arylalkylamine N-acetyltransferases in the frog retina (Rana perezi). Neurochemistry International, 1995, 26, 223-231.	1.9	7
90	The galanin-induced feeding stimulation is mediated via Î±2-adrenergic receptors in goldfish. Regulatory Peptides, 1995, 57, 77-84.	1.9	72

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91	Central administration of Î²-endorphin increases food intake in goldfish: pretreatment with the opioid antagonist naloxone. Regulatory Peptides, 1995, 55, 189-195.	1.9	43
92	Ontogeny of Daily Changes in Extrathyroidal Thyroid Hormone Concentrations in Two Anuran Species (Rana Perezi and Xenopus Laevis). Animal Biology, 1994, 45, 210-212.	0.4	1
93	Serotonin N-acetyltransferase activity as a target for temperature in the regulation of melatonin production by frog retina. Pflugers Archiv European Journal of Physiology, 1994, 429, 153-159.	1.3	9
94	Ontogeny of Ocular Serotonin N-Acetyltransferase Activity Daily Rhythm in Four Anuran Species. General and Comparative Endocrinology, 1994, 94, 357-365.	0.8	7
95	Seasonal changes in fat and protein reserves of the black-headed gull, Larus ridibundus, in relation to migration. Comparative Biochemistry and Physiology A, Comparative Physiology, 1994, 108, 117-122.	0.7	14
96	Seasonal Variation of Gonadal Development, Sexual Steroids, and Lipid Reserves in a Population of the Lizard Psammodromus algirus. Journal of Herpetology, 1994, 28, 199.	0.2	56
97	Serotonin N-Acetyltransferase (NAT) Activity and Melatonin Levels in the Frog Retina Are Not Correlated during the Seasonal Cycle. General and Comparative Endocrinology, 1993, 92, 143-150.	0.8	46
98	Role of corticotropin-releasing factor (CRF) as a food intake regulator in goldfish. Physiology and Behavior, 1993, 53, 517-520.	1.0	122
99	The inhibition by indoleamines (tryptamine and serotonin) of ocular serotonin-N-acetyltransferase from Rana perezi is temperature-dependent. Neuroscience Letters, 1993, 155, 33-36.	1.0	5
100	Thermal sensitivity and effect of temperature acclimation on ocular serotonin N-acetyltransferase activity in Rana perezi. Neuroscience Letters, 1992, 142, 187-190.	1.0	8
101	Role of environmental temperature and photoperiod in regulation of seasonal testicular activity in the frog, Rana perezi. Canadian Journal of Physiology and Pharmacology, 1992, 70, 1348-1352.	0.7	15
102	Characterization of Serotonin N-Acetyltransferase in the Lateral Eye of the Green Frog Rana perezi: Protective Action of EGTA. Journal of Neurochemistry, 1992, 58, 587-592.	2.1	10
103	Corticotropin-releasing factor stimulates metamorphosis and increases thyroid hormone concentration in prometamorphic Rana perezi larvae. General and Comparative Endocrinology, 1992, 87, 6-13.	0.8	60
104	Effects of Melatonin on Gonadal Steroids and Glucose Plasma Levels in Frogs (Rana perezi and Rana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.4	6
105	mRNA transcription determines the lag period for the induction of pineal melatonin synthesis in the Syrian hamster pineal gland. Journal of Cellular Biochemistry, 1990, 44, 55-60.	1.2	10
106	Response to pinealectomy and blinding in vitellogenic female frogs (Rana perezi) subjected to high temperature in autumn. Canadian Journal of Physiology and Pharmacology, 1990, 68, 94-98.	0.7	14
107	Annual Ovarian Cycle and Plasma Levels of 17Î²-Estradiol in the Frog Rana perezi. Physiological Zoology, 1990, 63, 373-387.	1.5	7
108	Effect of environmental temperature and photoperiod on the melatonin levels in the pineal, lateral eye, and plasma of the frog, Rana perezi: Importance of ocular melatonin. General and Comparative Endocrinology, 1989, 75, 46-53.	0.8	97

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109	Seasonal cycles in testicular activity in the frog, Rana perezi. General and Comparative Endocrinology, 1989, 73, 1-11.	0.8	47
110	In Vivo Effect of Melatonin and Gonadotropin-Releasing Hormone on Testicular Function in Rana temporaria. Journal of Pineal Research, 1988, 5, 323-332.	3.4	7
111	Melatonin and photoperiod alter growth and larval development in Xenopus laevis tadpoles. Comparative Biochemistry and Physiology A, Comparative Physiology, 1987, 86, 417-421.	0.7	39
112	Influence of photoperiod and melatonin administration on growth and metamorphosis in Discoglossus pictus larvae. Comparative Biochemistry and Physiology A, Comparative Physiology, 1984, 79, 255-260.	0.7	31
113	Effects of daily melatonin injections on the photoperiodic gonadal response of the female frog Rana ridibunda. Comparative Biochemistry and Physiology A, Comparative Physiology, 1983, 76, 389-392.	0.7	17
114	Effects of prolactin and bromocriptine in Discoglossus pictus (Anuran amphibian. OTTH) tadpoles. Comparative Biochemistry and Physiology A, Comparative Physiology, 1983, 74, 765-772.	0.7	3
115	Nuclear Receptors (PPARs, REV-ERBs, RORs) and Clock Gene Rhythms in Goldfish (Carassius auratus) Are Differently Regulated in Hypothalamus and Liver. Frontiers in Physiology, 0, 13, .	1.3	4