

# Adelino V M Canario

## List of Publications by Year in descending order

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66  
papers

2,854  
citations

159585

30  
h-index

175258

52  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social modulation of androgen levels in male teleost fish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 132, 203-215.	1.6	192
2	Watching fights raises fish hormone levels. <i>Nature</i> , 2001, 409, 475-475.	27.8	179
3	Why do winners keep winning? Androgen mediation of winner but not loser effects in cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2249-2256.	2.6	176
4	No hormonal response in tied fights. <i>Nature</i> , 2005, 437, 207-208.	27.8	154
5	Branchial osmoregulatory response to salinity in the gilthead sea bream, <i>Sparus auratus</i> . <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005, 303A, 563-576.	1.3	118
6	Five gonadotrophin-releasing hormone receptors in a teleost fish: isolation, tissue distribution and phylogenetic relationships. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 767-779.	2.5	97
7	Near-future CO <sub>2</sub> levels impair the olfactory system of a marine fish. <i>Nature Climate Change</i> , 2018, 8, 737-743.	18.8	97
8	The parathyroid hormone family of peptides: structure, tissue distribution, regulation, and potential functional roles in calcium and phosphate balance in fish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R679-R696.	1.8	95
9	Climate change impacts on fish reproduction are mediated at multiple levels of the brain-pituitary-gonad axis. <i>General and Comparative Endocrinology</i> , 2020, 291, 113439.	1.8	84
10	Evolution of GnRH ligands and receptors in gnathostomata. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2006, 144, 272-283.	1.8	81
11	Functional characterization and evolution of PTH/PTHrP receptors: insights from the chicken. <i>BMC Evolutionary Biology</i> , 2012, 12, 110.	3.2	74
12	Adaptation to different salinities exposes functional specialization in the intestine of the sea bream ( <i>Sparus aurata</i> L.). <i>Journal of Experimental Biology</i> , 2013, 216, 470-9.	1.7	73
13	Chemical communication in cichlids: A mini-review. <i>General and Comparative Endocrinology</i> , 2015, 221, 64-74.	1.8	71
14	Morphometric changes and sex steroid levels during the annual reproductive cycle of the Lusitanian toadfish, <i>Halobatrachus didactylus</i> . <i>General and Comparative Endocrinology</i> , 2003, 131, 220-231.	1.8	69
15	A Sterol-Like Odorant in the Urine of Mozambique Tilapia Males Likely Signals Social Dominance to Females. <i>Journal of Chemical Ecology</i> , 2008, 34, 438-449.	1.8	68
16	Characterization of estrogen receptor $\beta$ in sea bream ( <i>Sparus auratus</i> ): Phylogeny, ligand-binding, and comparative analysis of expression. <i>General and Comparative Endocrinology</i> , 2006, 145, 197-207.	1.8	57
17	How integrated are behavioral and endocrine stress response traits? A repeated measures approach to testing the stress-coping style model. <i>Ecology and Evolution</i> , 2015, 5, 618-633.	1.9	55
18	Identity of a Tilapia Pheromone Released by Dominant Males that Primes Females for Reproduction. <i>Current Biology</i> , 2014, 24, 2130-2135.	3.9	53

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19	Sexually mature European eels ( <i>Anguilla anguilla</i> L.) stimulate gonadal development of neighbouring males: Possible involvement of chemical communication. <i>General and Comparative Endocrinology</i> , 2006, 147, 304-313.	1.8	52
20	Novel bioactive parathyroid hormone and related peptides in teleost fish. <i>FEBS Letters</i> , 2006, 580, 291-299.	2.8	49
21	A cDNA for European sea bass ( <i>Dicentrarchus labrax</i> ) 11 $\beta$ -hydroxylase: Gene expression during the thermosensitive period and gonadogenesis. <i>General and Comparative Endocrinology</i> , 2007, 150, 164-173.	1.8	49
22	Parathyroid hormone-related protein: a calcium regulatory factor in sea bream ( <i>Sparus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td Physiology, 2001, 281, R855-R860.	1.8	47
23	Hormonal control of brood care and social status in a cichlid fish with brood care helpers. <i>Physiology and Behavior</i> , 2008, 94, 349-358.	2.1	43
24	Parathyroid hormone-related protein regulates intestinal calcium transport in sea bream ( <i>Sparus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 291, R1499-R1506.	1.8	41
25	Deep sequencing of the olfactory epithelium reveals specific chemosensory receptors are expressed at sexual maturity in the European eel <i>Anguilla anguilla</i> . <i>Molecular Ecology</i> , 2015, 24, 822-834.	3.9	41
26	Fish lysozyme gene family evolution and divergent function in early development. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103772.	2.3	39
27	Genomics Toolbox for Farmed Fish. <i>Reviews in Fisheries Science</i> , 2008, 16, 3-15.	2.1	38
28	Hormonal control of swimbladder sonic muscle dimorphism in the Lusitanian toadfish <i>Halobatrachus didactylus</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 3467-3477.	1.7	36
29	ICI 182,780 has agonistic effects and synergizes with estradiol-17 beta in fish liver, but not in testis. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 67.	3.3	36
30	Gene structure, transcripts and calciotropic effects of the PTH family of peptides in <i>Xenopus</i> and chicken. <i>BMC Evolutionary Biology</i> , 2010, 10, 373.	3.2	34
31	Tilapia male urinary pheromone stimulates female reproductive axis. <i>General and Comparative Endocrinology</i> , 2014, 196, 106-111.	1.8	30
32	Endocrine correlates of intra-specific variation in the mating system of the St. Peter's fish ( <i>Sarotherodon galilaeus</i> ). <i>Hormones and Behavior</i> , 2003, 44, 365-373.	2.1	28
33	Parathyroid hormone-related protein-stanniocalcin antagonism in regulation of bicarbonate secretion and calcium precipitation in a marine fish intestine. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R150-R158.	1.8	28
34	Castration affects reproductive but not aggressive behavior in a cichlid fish. <i>General and Comparative Endocrinology</i> , 2014, 207, 34-40.	1.8	28
35	Identification, release and olfactory detection of bile salts in the intestinal fluid of the Senegalese sole ( <i>Solea senegalensis</i> ). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 691-698.	1.6	27
36	Hormones and alternative reproductive tactics in vertebrates. , 2008, , 132-174.		26

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37	Water calcium concentration modifies whole-body calcium uptake in sea bream larvae during short-term adaptation to altered salinities. <i>Journal of Experimental Biology</i> , 2004, 207, 645-653.	1.7	24
38	Developmental expression of DAX1 in the European sea bass, <i>Dicentrarchus labrax</i> : lack of evidence for sexual dimorphism during sex differentiation. <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 19.	3.3	24
39	A Multi-Component Pheromone in the Urine of Dominant Male Tilapia ( <i>Oreochromis mossambicus</i> ) Reduces Aggression in Rivals. <i>Journal of Chemical Ecology</i> , 2016, 42, 173-182.	1.8	22
40	Synthetic versus Natural Receptors: Supramolecular Control of Chemical Sensing in Fish. <i>ACS Chemical Biology</i> , 2014, 9, 1432-1436.	3.4	21
41	Cortisol and parathyroid hormone-related peptide are reciprocally modulated by negative feedback. <i>General and Comparative Endocrinology</i> , 2006, 148, 227-235.	1.8	18
42	A PTH/PTHrP receptor antagonist blocks the hypercalcemic response to estradiol-17 $\beta$ . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R956-R960.	1.8	18
43	Olfactory sensitivity to amino acids in the blackspot sea bream ( <i>Pagellus bogaraveo</i> ): a comparison between olfactory receptor recording techniques in seawater. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 839-849.	1.6	18
44	<i>Nemo</i> through the looking-glass: a commentary on Desjardins & Fernald. <i>Biology Letters</i> , 2011, 7, 487-488.	2.3	18
45	Chemical communication in tilapia: A comparison of <i>Oreochromis mossambicus</i> with <i>O. niloticus</i> . <i>General and Comparative Endocrinology</i> , 2014, 207, 13-20.	1.8	18
46	PTHrP potentiating estradiol-induced vitellogenesis in sea bream ( <i>Sparus auratus</i> , L.). <i>General and Comparative Endocrinology</i> , 2006, 149, 159-165.	1.8	17
47	Pth4, an ancient parathyroid hormone lost in eutherian mammals, reveals a new brain-bone signaling pathway. <i>FASEB Journal</i> , 2017, 31, 569-583.	0.5	17
48	CONJUGATES OF OVARIAN STEROIDS, INCLUDING 17 $\beta$ , 20 $\beta$ -DIHYDROXY-4-PREGNEN-3-ONE (MATURATION-INDUCING STEROID), ACCUMULATE IN THE URINE OF A MARINE TELEOST (PLAICE); Tj ETQq0 0 0 rg26/Overlap 10 Tf 50	1.7	16
49	Endocrine regulation of carbonate precipitate formation in marine fish intestine by Stanniocalcin and PTHrP. <i>Journal of Experimental Biology</i> , 2014, 217, 1555-62.	1.7	15
50	Advances in European sea bass genomics and future perspectives. <i>Marine Genomics</i> , 2014, 18, 71-75.	1.1	15
51	Chemical diplomacy in male tilapia: urinary signal increases sex hormone and decreases aggression. <i>Scientific Reports</i> , 2017, 7, 7636.	3.3	14
52	Regulation of calcium balance in the sturgeon <i>Acipenser naccarii</i> : a role for PTHrP. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R884-R893.	1.8	13
53	Changes in the gene expression profiles of the brains of male European eels ( <i>Anguilla anguilla</i> ) during sexual maturation. <i>BMC Genomics</i> , 2014, 15, 799.	2.8	12
54	A yeast assay based on the gilthead sea bream (teleost fish) estrogen receptor $\beta$ for monitoring estrogen mimics. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1529-1537.	6.0	11

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55	Olfactory sensitivity to steroid glucuronates in Mozambique tilapia suggests two distinct and specific receptors for pheromone detection. <i>Journal of Experimental Biology</i> , 2014, 217, 4203-12.	1.7	11
56	PTHrP regulates water absorption and aquaporin expression in the intestine of the marine sea bream ( <i>Sparus aurata</i> , L.). <i>General and Comparative Endocrinology</i> , 2015, 213, 24-31.	1.8	10
57	Cortisol and testosterone accumulation in a low pH recirculating aquaculture system for rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture Research</i> , 2017, 48, 3579-3588.	1.8	9
58	Evolution of the glucagon-like system across fish. <i>General and Comparative Endocrinology</i> , 2018, 264, 113-130.	1.8	9
59	STC1 and PTHrP Modify Carbohydrate and Lipid Metabolism in Liver of a Teleost Fish. <i>Scientific Reports</i> , 2019, 9, 723.	3.3	8
60	Piscine PTHrP regulation of calcium and phosphate transport in winter flounder renal proximal tubule primary cultures. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R603-R611.	1.8	6
61	Lack of evidence for a role of olfaction on first maturation in farmed sea bass <i>Dicentrarchus labrax</i> . <i>General and Comparative Endocrinology</i> , 2015, 221, 114-119.	1.8	6
62	Differential involvement of the three nuclear estrogen receptors during oogenesis in European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Biology of Reproduction</i> , 2019, 100, 757-772.	2.7	6
63	Variation in Urinary Amino Acids in the Mozambique Tilapia: A Potential Signal of Dominance or Individuality?. , 2016, , 189-203.		6
64	Ca <sup>2+</sup> -Calmodulin regulation of testicular androgen production in Mozambique tilapia ( <i>Oreochromis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf .	1.8	4
65	Editorial. <i>General and Comparative Endocrinology</i> , 2015, 221, 1-2.	1.8	2
66	Steroidogenesis by testis and accessory glands of the Lusitanian toadfish, <i>Halobatrachus didactylus</i> , during reproductive season. <i>General and Comparative Endocrinology</i> , 2015, 223, 120-128.	1.8	1