Elena Chaves-Pozo

List of Publications by Year in Descending Order

78 papers	1,908 citations	26 h-index	40 g-index
87 ext. papers	2,268 ext. citations	4.5 avg, IF	4.67 L-index

#	Paper	IF	Citations
78	Assessment of dietary inclusion of crude or hydrolysed Arthrospira platensis biomass in starter diets for gilthead seabream (Sparus aurata). *Aquaculture*, **2022**, 548, 737680	4.4	2
77	Comparative role of microplastics and microalgae as vectors for chlorpyrifos bioacumulation and related physiological and immune effects in mussels. *Science of the Total Environment*, **2021**, 807, 150983	10.2	2
76	Vaccination of Gilthead Seabream After Continuous Xenoestrogen Oral Exposure Enhances the Gut Endobolome and Immune Status GPER1. *Frontiers in Immunology*, **2021**, 12, 742827	8.4	0
75	Natural feed after weaning improves the reproductive status of Solea senegalensis breeders. *Aquaculture*, **2021**, 530, 735740	4.4	1
74	Betanodavirus genotypes produce clinical signs and mortality in the shi drum (Umbrina cirrosa), and infective particles are isolated from the damaged brain. *Aquaculture*, **2021**, 541, 736777	4.4	1
73	Genetic parameters for Photobacterium damselae subsp. piscicida resistance, immunological markers and body weight in gilthead seabream (Sparus aurata). *Aquaculture*, **2021**, 543, 736892	4.4	3
72	NK-lysin is highly conserved in European sea bass and gilthead seabream but differentially modulated during the immune response. *Fish and Shellfish Immunology*, **2020**, 99, 435-441	4.3	5
71	Endocrine disrupter chemicals affect the humoral antimicrobial activities of gilthead seabream males even upon the cease of the exposure. *Scientific Reports*, **2020**, 10, 7966	4.9	3
70	Influence of Low Dietary Inclusion of the Microalga Nannochloropsis gaditana (Lubián 1982) on Performance, Fish Morphology, and Muscle Growth in Juvenile Gilthead Seabream (Sparus aurata). *Animals*, **2020**, 10,	3.1	9
69	Nanoencapsulated Clove Oil Applied as an Anesthetic at Slaughtering Decreases Stress, Extends the Freshness, and Lengthens Shelf Life of Cultured Fish. *Foods*, **2020**, 9,	4.9	2
68	17α-ethynylestradiol prevents the natural male-to-female sex change in gilthead seabream (Sparus aurata L.). *Scientific Reports*, **2020**, 10, 20067	4.9	1
67	NK-lysin, dicentracin and hepcidin antimicrobial peptides in European sea bass. Ontogenetic development and modulation in juveniles by nodavirus. *Developmental and Comparative Immunology*, **2020**, 103, 103516	3.2	10
66	Identification and Regulation of Interleukin-17 (IL-17) Family Ligands in the Teleost Fish European Sea Bass. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	13
65	Recombinant nodavirus vaccine produced in bacteria and administered without purification elicits humoral immunity and protects European sea bass against infection. *Fish and Shellfish Immunology*, **2019**, 88, 458-463	4.3	16
64	An overview of the reproductive cycle of cultured specimens of a potential candidate for Mediterranean aquaculture, Umbrina cirrosa. *Aquaculture*, **2019**, 505, 137-149	4.4	9
63	Fish Granzyme A Shows a Greater Role Than Granzyme B in Fish Innate Cell-Mediated Cytotoxicity. *Frontiers in Immunology*, **2019**, 10, 2579	8.4	10
62	European sea bass brain DLB-1 cell line is susceptible to nodavirus: A transcriptomic study. *Fish and Shellfish Immunology*, **2019**, 86, 14-24	4.3	18

61	Genes related to cell-mediated cytotoxicity and interferon response are induced in the retina of European sea bass upon intravitreal infection with nodavirus. *Fish and Shellfish Immunology*, **2018**, 74, 627-636	4.3	11
60	Inorganic arsenic causes apoptosis cell death and immunotoxicity on European sea bass (Dicentrarchus labrax). *Marine Pollution Bulletin*, **2018**, 128, 324-332	6.7	14
59	Effects of Sex Steroids on Fish Leukocytes. *Biology*, **2018**, 7,	4.9	17
58	Role of estrogens in fish immunity with special emphasis on GPER1. *Developmental and Comparative Immunology*, **2018**, 89, 102-110	3.2	15
57	Immune-Endocrine Interactions in the Fish Gonad during Infection: An Open Door to Vertical Transmission. *Fishes*, **2018**, 3, 24	2.5	7
56	Vaccination with UV-inactivated nodavirus partly protects European sea bass against infection, while inducing few changes in immunity. *Developmental and Comparative Immunology*, **2018**, 86, 171-179	3.2	11
55	Molecular identification and characterization of haptoglobin in teleosts revealed an important role on fish viral infections. *Developmental and Comparative Immunology*, **2017**, 76, 189-199	3.2	9
54	Role of 5□dihydrotestosterone in testicular development of gilthead seabream following finasteride administration. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 174, 48-55	5.1	6
53	Innate Cell-Mediated Cytotoxic Activity of European Sea Bass Leucocytes Against Nodavirus-Infected Cells: A Functional and RNA-seq Study. *Scientific Reports*, **2017**, 7, 15396	4.9	23
52	Establishment of a new teleost brain cell line (DLB-1) from the European sea bass and its use to study metal toxicology. *Toxicology in Vitro*, **2017**, 38, 91-100	3.6	17
51	Transcription of histones H1 and H2B is regulated by several immune stimuli in gilthead seabream and European sea bass. *Fish and Shellfish Immunology*, **2016**, 57, 107-115	4.3	15
50	Comparative ontogenetic development of two marine teleosts, gilthead seabream and European sea bass: New insights into nutrition and immunity. *Developmental and Comparative Immunology*, **2016**, 65, 1-7	3.2	13
49	Tamoxifen disrupts the reproductive process in gilthead seabream males and modulates the effects promoted by 17□ethynylestradiol. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2016**, 179, 94-106	3.2	10
48	Mercury Accumulation, Structural Damages, and Antioxidant and Immune Status Changes in the Gilthead Seabream (Sparus aurata L.) Exposed to Methylmercury. *Archives of Environmental Contamination and Toxicology*, **2016**, 70, 734-46	3.2	19
47	An oral chitosan DNA vaccine against nodavirus improves transcription of cell-mediated cytotoxicity and interferon genes in the European sea bass juveniles gut and survival upon infection. *Developmental and Comparative Immunology*, **2016**, 65, 64-72	3.2	49
46	Cimetidine disrupts the renewal of testicular cells and the steroidogenesis in a hermaphrodite fish. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2016**, 189, 44-53	3.2	4
45	Antimicrobial response is increased in the testis of European sea bass, but not in gilthead seabream, upon nodavirus infection. *Fish and Shellfish Immunology*, **2015**, 44, 203-13	4.3	35
44	Characterization of the annual regulation of reproductive and immune parameters on the testis of European sea bass. *Cell and Tissue Research*, **2015**, 362, 215-29	4.2	11

43	Characterization of the IFN pathway in the teleost fish gonad against vertically transmitted viral nervous necrosis virus. *Journal of General Virology*, **2015**, 96, 2176-2187	4.9	46
42	Fish Peroxiredoxins and Their Role in Immunity. *Biology*, **2015**, 4, 860-80	4.9	29
41	Phagocytosis in Teleosts. Implications of the New Cells Involved. *Biology*, **2015**, 4, 907-22	4.9	47
40	Nodavirus Colonizes and Replicates in the Testis of Gilthead Seabream and European Sea Bass Modulating Its Immune and Reproductive Functions. *PLoS ONE*, **2015**, 10, e0145131	3.7	31
39	Seasonal variations of the humoral immune parameters of European sea bass (Dicentrarchus labrax L.). *Fish and Shellfish Immunology*, **2014**, 39, 185-7	4.3	22
38	Testosterone implants modify the steroid hormone balance and the gonadal physiology of gilthead seabream (Sparus aurata L.) males. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 138, 183-94	5.1	18
37	Regulation of natural killer enhancing factor (NKEF) genes in teleost fish, gilthead seabream and European sea bass. *Molecular Immunology*, **2013**, 55, 275-82	4.3	24
36	Influence of melatonin on the immune system of fish: a review. *International Journal of Molecular Sciences*, **2013**, 14, 7979-99	6.3	42
35	The effect of 17α-ethynylestradiol on steroidogenesis and gonadal cytokine gene expression is related to the reproductive stage in marine hermaphrodite fish. *Marine Drugs*, **2013**, 11, 4973-92	6	19
34	Sertoli cell proliferation in the adult testis is induced by unilateral gonadectomy in African catfish. *General and Comparative Endocrinology*, **2012**, 177, 160-7	3	15
33	Nodavirus infection induces a great innate cell-mediated cytotoxic activity in resistant, gilthead seabream, and susceptible, European sea bass, teleost fish. *Fish and Shellfish Immunology*, **2012**, 33, 1159-66	4.3	53
32	Sex Steroids Modulate Fish Immune Response **2012**,		4
31	17β-Estradiol regulates gilthead seabream professional phagocyte responses through macrophage activation. *Developmental and Comparative Immunology*, **2011**, 35, 19-27	3.2	52
30	Natural and synthetic estrogens modulate the inflammatory response in the gilthead seabream (Sparus aurata L.) through the activation of endothelial cells. *Molecular Immunology*, **2011**, 48, 1917-25	4.3	25
29	Dietary intake of 17α-ethinylestradiol promotes leukocytes infiltration in the gonad of the hermaphrodite gilthead seabream. *Molecular Immunology*, **2011**, 48, 2079-86	4.3	33
28	Estrogen-responsive genes in macrophages of the bony fish gilthead seabream: a transcriptomic approach. *Developmental and Comparative Immunology*, **2011**, 35, 840-9	3.2	24
27	The rainbow trout (Oncorhynchus mykiss) interferon response in the ovary. *Molecular Immunology*, **2010**, 47, 1757-64	4.3	39
26	Antiviral DNA vaccination in rainbow trout (Oncorhynchus mykiss) affects the immune response in the ovary and partially blocks its capacity to support viral replication in vitro. *Fish and Shellfish Immunology*, **2010**, 29, 579-86	4.3	2

25	Viral hemorrhagic septicemia and infectious pancreatic necrosis viruses replicate differently in rainbow trout gonad and induce different chemokine transcription profiles. *Developmental and Comparative Immunology*, **2010**, 34, 648-58	3.2	33
24	An active DNA vaccine against infectious pancreatic necrosis virus (IPNV) with a different mode of action than fish rhabdovirus DNA vaccines. *Vaccine*, **2010**, 28, 3291-300	4.1	37
23	Early presence of immune cells in the developing gonad of the gilthead seabream (Sparus aurata Linnaeus, 1758). *Journal of Reproduction and Development*, **2009**, 55, 440-5	2.1	16
22	Immune effects observed after the injection of plasmids coding for rainbow trout (Oncorhynchus mykiss) CK5B, CK6 and CK7A chemokines demonstrate their immunomodulatory capacity and reveal CK6 as a major interferon inducer. *Developmental and Comparative Immunology*, **2009**, 33, 1137-45	3.2	19
21	Transfection improvements of fish cell lines by using deacylated polyethylenimine of selected molecular weights. *Fish and Shellfish Immunology*, **2009**, 26, 559-66	4.3	16
20	Chemokine transcription in rainbow trout (Oncorhynchus mykiss) is differently modulated in response to viral hemorrhagic septicaemia virus (VHSV) or infectious pancreatic necrosis virus (IPNV). *Fish and Shellfish Immunology*, **2009**, 27, 661-9	4.3	40
19	Gonad plasticity and gametogenesis in the endangered Spanish toothcarp Aphanius iberus (Teleostei: Cyprinodontidae). *Tissue and Cell*, **2009**, 41, 206-13	2.7	2
18	Collagen regulates the activation of professional phagocytes of the teleost fish gilthead seabream. *Molecular Immunology*, **2009**, 46, 1409-15	4.3	26
17	Leukocytes and Cytokines Present in Fish Testis **2009**, 37-74		1
16	Sex steroids and metabolic parameter levels in a seasonal breeding fish (Sparus aurata L.). *General and Comparative Endocrinology*, **2008**, 156, 531-6	3	34
15	Pattern of expression of immune-relevant genes in the gonad of a teleost, the gilthead seabream (Sparus aurata L.). *Molecular Immunology*, **2008**, 45, 2998-3011	4.3	63
14	A role for matrix metalloproteinases in granulocyte infiltration and testicular remodelation in a seasonal breeding teleost. *Molecular Immunology*, **2008**, 45, 2820-30	4.3	23
13	Testicular involution prior to sex change in gilthead seabream is characterized by a decrease in DMRT1 gene expression and by massive leukocyte infiltration. *Reproductive Biology and Endocrinology*, **2007**, 5, 20	5	54
12	17Beta-estradiol triggers postspawning in spermatogenically active gilthead seabream (Sparus aurata L.) males. *Biology of Reproduction*, **2007**, 76, 142-8	3.9	63
11	Distribution of the professional phagocytic granulocytes of the bony fish gilthead seabream (Sparus aurata L.) during the ontogeny of lymphomyeloid organs and pathogen entry sites. *Developmental and Comparative Immunology*, **2007**, 31, 1024-33	3.2	15
10	Early innate immune response and redistribution of inflammatory cells in the bony fish gilthead seabream experimentally infected with Vibrio anguillarum. *Cell and Tissue Research*, **2005**, 320, 61-8	4.2	112
9	Professional phagocytic granulocytes of the bony fish gilthead seabream display functional adaptation to testicular microenvironment. *Journal of Leukocyte Biology*, **2005**, 78, 345-51	6.5	48
8	An overview of cell renewal in the testis throughout the reproductive cycle of a seasonal breeding teleost, the gilthead seabream (Sparus aurata L). *Biology of Reproduction*, **2005**, 72, 593-601	3.9	84

7	Flow cytometry based techniques to study testicular acidophilic granulocytes from the protandrous fish gilthead seabream (Sparus aurata L.). *Biological Procedures Online*, **2004**, 6, 129-136	8.3	5
6	Acidophilic granulocytes of the marine fish gilthead seabream (Sparus aurata L.) produce interleukin-1beta following infection with Vibrio anguillarum. *Cell and Tissue Research*, **2004**, 316, 189-95	4.2	52
5	The tumor necrosis factor alpha of the bony fish seabream exhibits the in vivo proinflammatory and proliferative activities of its mammalian counterparts, yet it functions in a species-specific manner. *Cellular and Molecular Life Sciences*, **2004**, 61, 1331-40	10.3	74
4	Production and mechanism of secretion of interleukin-1beta from the marine fish gilthead seabream. *Developmental and Comparative Immunology*, **2004**, 28, 229-37	3.2	67
3	FSH-, LH-, and TSH-expressing cells during development of Sparus aurata L. (Teleostei). An immunocytochemical study. *General and Comparative Endocrinology*, **2003**, 134, 72-9	3	37
2	A role for acidophilic granulocytes in the testis of the gilthead seabream (Sparus aurata L., Teleostei). *Journal of Endocrinology*, **2003**, 179, 165-74	4.7	50
1	Identification of mammosomatotropes, growth hormone cells and prolactin cells in the pituitary gland of the gilthead sea bream (Sparus aurata L., Teleostei) using light immunocytochemical methods: an ontogenetic study. *Anatomy and Embryology*, **2000**, 202, 421-9		18