

# Francisco A Guardiola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2882815/publications.pdf>

Version: 2024-02-01

82  
papers

3,229  
citations

172207

29  
h-index

155451

55  
g-index

85  
all docs

85  
docs citations

85  
times ranked

3256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative skin mucus and serum humoral defence mechanisms in the teleost gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology</i> , 2014, 36, 545-551.	1.6	211
2	Risks of Using Antifouling Biocides in Aquaculture. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1541-1560.	1.8	196
3	Impact of date palm fruits extracts and probiotic enriched diet on antioxidant status, innate immune response and immune-related gene expression of European seabass ( <i>Dicentrarchus labrax</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 52, 298-308.	1.6	186
4	Pathogen bacteria adhesion to skin mucus of fishes. <i>Veterinary Microbiology</i> , 2014, 171, 1-12.	0.8	166
5	Comparative analysis of the humoral immunity of skin mucus from several marine teleost fish. <i>Fish and Shellfish Immunology</i> , 2014, 40, 24-31.	1.6	158
6	Effects of dietary <i>Bacillus subtilis</i> , <i>Tetraselmis chuii</i> , and <i>Phaeodactylum tricornutum</i> , singularly or in combination, on the immune response and disease resistance of sea bream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2012, 33, 342-349.	1.6	116
7	Increases in immune parameters by inulin and <i>Bacillus subtilis</i> dietary administration to gilthead seabream ( <i>Sparus aurata</i> L.) did not correlate with disease resistance to <i>Photobacterium damsela</i> . <i>Fish and Shellfish Immunology</i> , 2012, 32, 1032-1040.	1.6	109
8	Dietary administration of $\beta$ -1,3/1,6-glucan and probiotic strain <i>Shewanella putrefaciens</i> , single or combined, on gilthead seabream growth, immune responses and gene expression. <i>Fish and Shellfish Immunology</i> , 2014, 39, 34-41.	1.6	107
9	Enrichment of gilthead seabream ( <i>Sparus aurata</i> L.) diet with microalgae: effects on the immune system. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1729-1739.	0.9	105
10	Using skin mucus to evaluate stress in gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2016, 59, 323-330.	1.6	100
11	Proteomic profile of the skin mucus of farmed gilthead seabream ( <i>Sparus aurata</i> ). <i>Journal of Proteomics</i> , 2015, 120, 21-34.	1.2	97
12	Modulation of immunity and gut microbiota after dietary administration of alginate encapsulated <i>Shewanella putrefaciens</i> Pdp11 to gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2015, 45, 608-618.	1.6	84
13	Antimicrobial peptides from fish: beyond the fight against pathogens. <i>Reviews in Aquaculture</i> , 2020, 12, 224-253.	4.6	75
14	Nodavirus infection induces a great innate cell-mediated cytotoxic activity in resistant, gilthead seabream, and susceptible, European sea bass, teleost fish. <i>Fish and Shellfish Immunology</i> , 2012, 33, 1159-1166.	1.6	74
15	Evaluation of waterborne exposure to heavy metals in innate immune defences present on skin mucus of gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology</i> , 2015, 45, 112-123.	1.6	74
16	Modulatory effects of deltamethrin-exposure on the immune status, metabolism and oxidative stress in gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2014, 36, 120-129.	1.6	73
17	Enrichment of gilthead seabream ( <i>Sparus aurata</i> L.) diet with palm fruit extracts and probiotics: Effects on skin mucosal immunity. <i>Fish and Shellfish Immunology</i> , 2016, 49, 100-109.	1.6	73
18	Effects of dietary administration of fenugreek seeds, alone or in combination with probiotics, on growth performance parameters, humoral immune response and gene expression of gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2017, 60, 50-58.	1.6	70

#	ARTICLE	IF	CITATIONS
19	Dietary administration of microalgae <i>Navicula</i> sp. affects immune status and gene expression of gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology</i> , 2013, 35, 883-889.	1.6	66
20	In vitro effects of <i>Origanum vulgare</i> leaf extracts on gilthead seabream ( <i>Sparus aurata</i> L.) leucocytes, cytotoxic, bactericidal and antioxidant activities. <i>Fish and Shellfish Immunology</i> , 2018, 79, 1-10.	1.6	62
21	Accumulation, histopathology and immunotoxicological effects of waterborne cadmium on gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology</i> , 2013, 35, 792-800.	1.6	61
22	Effects of dietary supplementation with <i>Pediococcus acidilactici</i> MA18/5M, galactooligosaccharide and their synbiotic on growth, innate immunity and disease resistance of rockfish ( <i>Sebastes schlegelii</i> ) <i>Tj ETQq0 0 0.784314 rgBT /Overlock 10 T</i>	1.6	57
23	Modulation of the immune parameters and expression of genes of gilthead seabream ( <i>Sparus aurata</i> L.) by dietary administration of oxytetracycline. <i>Aquaculture</i> , 2012, 334-337, 51-57.	1.7	56
24	Effects of dietary supplementation with fenugreek seeds, alone or in combination with probiotics, on gilthead seabream ( <i>Sparus aurata</i> L.) skin mucosal immunity. <i>Fish and Shellfish Immunology</i> , 2017, 65, 169-178.	1.6	43
25	Dietary dehydrated lemon peel improves the immune but not the antioxidant status of gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2017, 64, 426-436.	1.6	43
26	Dietary administration effects of fenugreek seeds on skin mucosal antioxidant and immunity status of gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2018, 75, 357-364.	1.6	39
27	Immunotoxicological effects of inorganic arsenic on gilthead seabream ( <i>Sparus aurata</i> L.). <i>Aquatic Toxicology</i> , 2013, 134-135, 112-119.	1.9	37
28	Terminal carbohydrates abundance, immune related enzymes, bactericidal activity and physico-chemical parameters of the Senegalese sole ( <i>Solea senegalensis</i> , Kaup) skin mucus. <i>Fish and Shellfish Immunology</i> , 2017, 60, 483-491.	1.6	32
29	Exposure of the gilthead seabream ( <i>Sparus aurata</i> ) to sediments contaminated with heavy metals down-regulates the gene expression of stress biomarkers. <i>Toxicology Reports</i> , 2016, 3, 364-372.	1.6	30
30	Mercury Accumulation, Structural Damages, and Antioxidant and Immune Status Changes in the Gilthead Seabream ( <i>Sparus aurata</i> L.) Exposed to Methylmercury. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 734-746.	2.1	30
31	Healing and mucosal immunity in the skin of experimentally wounded gilthead seabream ( <i>Sparus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 30</i>	1.6	30
32	Recombinant nodavirus vaccine produced in bacteria and administered without purification elicits humoral immunity and protects European sea bass against infection. <i>Fish and Shellfish Immunology</i> , 2019, 88, 458-463.	1.6	29
33	Molecular oxidative stress markers in olive ridley turtles ( <i>Lepidochelys olivacea</i> ) and their relation to metal concentrations in wild populations. <i>Environmental Pollution</i> , 2018, 233, 156-167.	3.7	28
34	Quality and antioxidant response of gilthead seabream ( <i>Sparus aurata</i> L.) to dietary supplements of fenugreek ( <i>Trigonella foenum graecum</i> ) alone or combined with probiotic strains. <i>Fish and Shellfish Immunology</i> , 2017, 63, 277-284.	1.6	27
35	Effects of dietary administration of fenugreek seeds on metabolic parameters and immune status of gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2018, 74, 372-379.	1.6	25
36	Mucosal and systemic immune responses in Senegalese sole ( <i>Solea senegalensis</i> Kaup) bath challenged with <i>Tenacibaculum maritimum</i> : A time-course study. <i>Fish and Shellfish Immunology</i> , 2019, 87, 744-754.	1.6	24

#	ARTICLE	IF	CITATIONS
37	Sterigmatomyces halophilus $\beta$ -glucan improves the immune response and bacterial resistance in Pacific red snapper ( <i>Lutjanus peru</i> ) peripheral blood leucocytes: In vitro study. <i>Fish and Shellfish Immunology</i> , 2018, 78, 392-403.	1.6	22
38	A time course study of glucose levels and innate immune response in gilthead seabream ( <i>Sparus aurata</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 280-285.	1.6	21
39	Alteration of the Immune Response and the Microbiota of the Skin during a Natural Infection by <i>Vibrio harveyi</i> in European Seabass ( <i>Dicentrarchus labrax</i> ). <i>Microorganisms</i> , 2021, 9, 964.	1.6	21
40	Molecular mechanisms by which white tea prevents oxidative stress. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 891-900.	1.3	20
41	Description and comparative study of physico-chemical parameters of the teleost fish skin mucus. <i>Biorheology</i> , 2015, 52, 247-256.	1.2	20
42	Vitamin D3 affects innate immune status of European sea bass ( <i>Dicentrarchus labrax</i> L.). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1161-1174.	0.9	20
43	Influence of skin wounds on the intestinal inflammatory response and barrier function: Protective role of dietary <i>Shewanella putrefaciens</i> SpPdp11 administration to gilthead seabream ( <i>Sparus aurata</i> ) Tj ETQq1 1 0 1 7 4 3 1 4 rgBT /Overlock 10 Tf 5	1.6	18
44	Changes in natural haemolytic complement activity induced by stress in gilthead seabream ( <i>Sparus aurata</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	18
45	Long-term intake of white tea prevents oxidative damage caused by adriamycin in kidney of rats. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 3079-3087.	1.7	17
46	Innate humoral immune parameters in <i>Tilapia zillii</i> under acute stress by low temperature and crowding. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 797-804.	0.9	16
47	Dietary administration of the probiotic <i>Shewanella putrefaciens</i> to experimentally wounded gilthead seabream ( <i>Sparus aurata</i> L.) facilitates the skin wound healing. <i>Scientific Reports</i> , 2020, 10, 11029.	1.6	16
48	Head kidney, liver and skin histopathology and gene expression in gilthead seabream ( <i>Sparus aurata</i> L.) exposed to highly polluted marine sediments from Portman Bay (Spain). <i>Chemosphere</i> , 2017, 174, 563-571.	4.2	15
49	Local immune response of two mucosal surfaces of the European seabass, <i>Dicentrarchus labrax</i> , fed tryptophan- or methionine-supplemented diets. <i>Fish and Shellfish Immunology</i> , 2017, 70, 76-86.	1.6	15
50	Combination of polycyclic aromatic hydrocarbons and temperature exposure: In vitro effects on immune response of European clam ( <i>Ruditapes decussatus</i> ). <i>Fish and Shellfish Immunology</i> , 2017, 67, 110-118.	1.6	15
51	Humoral immune parameters in serum of gilthead seabream ( <i>Sparus aurata</i> L.) after induced skin injury. <i>Fish and Shellfish Immunology</i> , 2018, 75, 291-294.	1.6	14
52	Skin wound healing in gilthead seabream ( <i>Sparus aurata</i> L.) fed diets supplemented with arginine. <i>Fish and Shellfish Immunology</i> , 2020, 104, 347-358.	1.6	12
53	Mucosal immune responses in Senegalese sole ( <i>Solea senegalensis</i> ) juveniles after <i>Tenacibaculum maritimum</i> challenge: A comparative study between ocular and blind sides. <i>Fish and Shellfish Immunology</i> , 2020, 104, 92-100.	1.6	12
54	The alleviation of skin wound-induced intestinal barrier dysfunction via modulation of TLR signalling using arginine in gilthead seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2020, 107, 519-528.	1.6	11

#	ARTICLE	IF	CITATIONS
55	Role of mucosal immune response and histopathological study in European eel ( <i>Anguilla anguilla</i> L.) intraperitoneal challenged by <i>Vibrio anguillarum</i> or <i>Tenacibaculum soleae</i> . <i>Fish and Shellfish Immunology</i> , 2021, 114, 330-339.	1.6	10
56	Terminal carbohydrate composition, IgM level and enzymatic and bacteriostatic activity of European sea bass ( <i>Dicentrarchus labrax</i> ) skin epidermis extracts. <i>Fish and Shellfish Immunology</i> , 2015, 47, 352-359.	1.6	9
57	Effects of subcutaneous injection of $\lambda$ -carrageenin on the immune and liver antioxidant status of gilthead seabream ( <i>Sparus aurata</i> ). <i>Journal of Fish Diseases</i> , 2021, 44, 1449-1462.	0.9	9
58	Acute inflammatory response in the skin of gilthead seabream ( <i>Sparus aurata</i> ) caused by carrageenin. <i>Fish and Shellfish Immunology</i> , 2021, 119, 623-634.	1.6	9
59	Evaluation of silver nanospheres on viability and innate cellular parameters of gilthead seabream ( <i>Sparus aurata</i> ) fed with varying inclusion levels of carob seed germ meal. <i>Fish and Shellfish Immunology</i> , 2018, 79, 209-217.	1.6	8
60	Humoral and mucosal immune responses in meagre ( <i>Argyrosomus regius</i> ) juveniles fed diets with varying inclusion levels of carob seed germ meal. <i>Fish and Shellfish Immunology</i> , 2018, 79, 209-217.	1.6	8
61	Effects of dietary dehydrated lemon peel on some biochemical markers related to general metabolism, welfare and stress in gilthead seabream ( <i>Sparus aurata</i> L.). <i>Aquaculture Research</i> , 2019, 50, 3181-3191.	0.9	8
62	In silico and gene expression analysis of the acute inflammatory response of gilthead seabream ( <i>Sparus aurata</i> ) after subcutaneous administration of carrageenin. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1623-1643.	0.9	8
63	<i>Yarrowia lipolytica</i> , health benefits for animals. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7577-7592.	1.7	8
64	Effects of 2-deoxy-d-glucose on the immune system of seabream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2011, 30, 592-599.	1.6	7
65	Effect of different dietary arachidonic, eicosapentaenoic, and docosahexaenoic acid content on selected immune parameters in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100014.	0.5	6
66	Induced sustained swimming modifies the external morphology, increasing the oxygen-carrying capacity and plasma lactate levels of juvenile gilthead seabream ( <i>Sparus aurata</i> ) without changing fish performance or skeletal muscle characteristics. <i>Aquaculture</i> , 2022, 560, 738503.	1.7	6
67	Dietary supplementation with <i>Gracilaria</i> sp. by-products modulates stress response, antioxidant and immune systems of gilthead seabream ( <i>Sparus aurata</i> ) exposed to crowding. <i>Journal of Applied Phycology</i> , 2020, 32, 4347-4359.	1.5	5
68	Implication of mucus-secreting cells, acidophilic granulocytes and monocytes/macrophages in the resolution of skin inflammation caused by subcutaneous injection of $\lambda$ -carrageenin to gilthead seabream ( <i>Sparus aurata</i> ) specimens. <i>Journal of Fish Diseases</i> , 2022, 45, 19-33.	0.9	5
69	Ultrasonography and X-ray micro-computed tomography characterization of the effects caused by carrageenin in the muscle of gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish and Shellfish Immunology</i> , 2022, 123, 431-441.	1.6	5
70	Comparative assessment of organic solvent extraction on non-specific immune defences of skin mucus from freshwater fish. <i>Aquaculture International</i> , 2022, 30, 1121-1138.	1.1	4
71	Antioxidant Activity in Gilthead Seabream ( <i>Sparus aurata</i> L.) Fed with Diet Supplemented with Moringa. <i>Antioxidants</i> , 2021, 10, 1423.	2.2	3
72	In vitro effects of cantharidin on gilthead seabream ( <i>Sparus aurata</i> ) head-kidney leucocytes. <i>Fish and Shellfish Immunology</i> , 2022, 123, 20-35.	1.6	3

#	ARTICLE	IF	CITATIONS
73	In vitro effects of Î»-carrageenin in the head-kidney leucocytes of gilthead seabream (Sparus aurata). Fish and Shellfish Immunology, 2022, 127, 813-821.	1.6	3
74	The short-term effects of farmed fish food consumed by wild fish congregating outside the farms. Marine Pollution Bulletin, 2017, 114, 689-698.	2.3	2
75	Influence of waterborne arsenic on nutritive and potentially harmful elements in gilthead seabream (Sparus aurata). Environmental Monitoring and Assessment, 2016, 188, 620.	1.3	1
76	ADHESION OF PATHOGENIC BACTERIA TO POLYSTYRENE, SKIN AND GUT MUCUS OF GILTHEAD SEABREAM, INFECTIOUS CAPACITY AND ANTIBIOTICS SUSCEPTIBILITY. Boletim Do Instituto De Pesca, 2019, 45, .	0.5	1
77	<i>In vitro</i> and <i>in vivo</i> effects of purslane ( <i>Portulaca oleracea</i> L.) on gilthead seabream ( <i>Sparus aurata</i> L.). AIMS Agriculture and Food, 2020, 5, 799-824.	0.8	1
78	Mucosal immunology in fish. , 2022, , 251-284.		1
79	Humoral immunomodulation of the gilthead seabream (Sparus aurata L.) subjected to long-term crowding stress. Fish and Shellfish Immunology, 2016, 53, 111.	1.6	0
80	Differential immune responses of European sea bass (Dicentrarchus labrax) upon nodavirus infection by bath or intramuscular injection. Fish and Shellfish Immunology, 2019, 91, 393.	1.6	0
81	Is Cantharidin Able to Reduce the Inflammation Produced by Î»-Carrageenin in Head-Kidney Leucocytes from Gilthead Seabream (Sparus aurata)?. , 2022, 13, .		0
82	Optimization of an Analytical Protocol for the Extraction of Microplastics from Seafood Samples with Different Levels of Fat. , 0, , .		0