

Claudia R Serra

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,547
citations

361413

20
h-index

315739

38
g-index

47
all docs

47
docs citations

47
times ranked

1952
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening for <i>Bacillus</i> Isolates in the Broiler Gastrointestinal Tract. <i>Applied and Environmental Microbiology</i> , 2005, 71, 968-978.	3.1	307
2	The Intestinal Life Cycle of <i>Bacillus subtilis</i> and Close Relatives. <i>Journal of Bacteriology</i> , 2006, 188, 2692-2700.	2.2	281
3	Genetic Competence Drives Genome Diversity in <i>Bacillus subtilis</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 108-124.	2.5	67
4	Effect of extraction method and solvent system on the phenolic content and antioxidant activity of selected macro- and microalgae extracts. <i>Journal of Applied Phycology</i> , 2020, 32, 349-362.	2.8	64
5	Catching black soldier fly for meagre: Growth, whole-body fatty acid profile and metabolic responses. <i>Aquaculture</i> , 2020, 516, 734613.	3.5	59
6	Display of Recombinant Proteins on <i>Bacillus subtilis</i> Spores, Using a Coat-Associated Enzyme as the Carrier. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5926-5933.	3.1	53
7	Dietary carbohydrate and lipid sources affect differently the oxidative status of European sea bass (<i>Dicentrarchus labrax</i>) juveniles. <i>British Journal of Nutrition</i> , 2015, 114, 1584-1593.	2.3	45
8	Sporulation during Growth in a Gut Isolate of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2014, 196, 4184-4196.	2.2	43
9	Effects of fish oil replacement by vegetable oil blend on digestive enzymes and tissue histomorphology of European sea bass (<i>Dicentrarchus labrax</i>) juveniles. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 203-217.	2.3	42
10	Selection of carbohydrate-active probiotics from the gut of carnivorous fish fed plant-based diets. <i>Scientific Reports</i> , 2019, 9, 6384.	3.3	40
11	Effect of short chain fructooligosaccharides (scFOS) on immunological status and gut microbiota of gilthead sea bream (<i>Sparus aurata</i>) reared at two temperatures. <i>Fish and Shellfish Immunology</i> , 2016, 49, 122-131.	3.6	37
12	Digestive enzyme activity and nutrient digestibility in meagre (<i>Argyrosomus regius</i>) fed increasing levels of black soldier fly meal (<i>Hermetia illucens</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 142-152.	2.7	37
13	Vegetable oil and carbohydrate-rich diets marginally affected intestine histomorphology, digestive enzymes activities, and gut microbiota of gilthead sea bream juveniles. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 681-695.	2.3	34
14	Gut microbiota dynamics in carnivorous European seabass (<i>Dicentrarchus labrax</i>) fed plant-based diets. <i>Scientific Reports</i> , 2021, 11, 447.	3.3	34
15	Meat and bone meal as partial replacement of fishmeal in diets for gilthead sea bream (<i>Sparus aurata</i>) juveniles: Diets digestibility, digestive function, and microbiota modulation. <i>Aquaculture</i> , 2017, 479, 721-731.	3.5	32
16	Exogenous enzymes supplementation enhances diet digestibility and digestive function and affects intestinal microbiota of turbot (<i>Scophthalmus maximus</i>) juveniles fed distillers' dried grains with solubles (DDGS) based diets. <i>Aquaculture</i> , 2018, 486, 42-50.	3.5	32
17	Prebiotics effect on growth performance, hepatic intermediary metabolism, gut microbiota and digestive enzymes of white sea bream (<i>Diplodus sargus</i>). <i>Aquaculture Nutrition</i> , 2018, 24, 153-163.	2.7	31
18	Tenacibaculosis induction in the Senegalese sole (<i>Solea senegalensis</i>) and studies of <i>Tenacibaculum maritimum</i> survival against host mucus and plasma. <i>Journal of Fish Diseases</i> , 2016, 39, 1445-1455.	1.9	26

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19	Oxidative status and intestinal health of gilthead sea bream (<i>Sparus aurata</i>) juveniles fed diets with different ARA/EPA/DHA ratios. <i>Scientific Reports</i> , 2020, 10, 13824.	3.3	26
20	Effect of dietary poultry meal and oil on growth, digestive capacity, and gut microbiota of gilthead seabream (<i>Sparus aurata</i>) juveniles. <i>Aquaculture</i> , 2021, 530, 735879.	3.5	24
21	Isolation and Characterization of Fish-Gut <i>Bacillus</i> spp. as Source of Natural Antimicrobial Compounds to Fight Aquaculture Bacterial Diseases. <i>Marine Biotechnology</i> , 2021, 23, 276-293.	2.4	21
22	Short communication: gut microbiota of European sea bass (<i>Dicentrarchus labrax</i>) is modulated by short-chain fructooligosaccharides and xylooligosaccharides. <i>Aquaculture International</i> , 2018, 26, 279-288.	2.2	20
23	Short-term supplementation of gilthead seabream (<i>Sparus aurata</i>) diets with <i>Nannochloropsis gaditana</i> modulates intestinal microbiota without affecting intestinal morphology and function. <i>Aquaculture Nutrition</i> , 2019, 25, 1388-1398.	2.7	20
24	Genome of a Gut Strain of <i>Bacillus subtilis</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	19
25	Mealworm larvae meal in diets for meagre juveniles: Growth, nutrient digestibility and digestive enzymes activity. <i>Aquaculture</i> , 2021, 535, 736362.	3.5	18
26	Differential Modulation of the European Sea Bass Gut Microbiota by Distinct Insect Meals. <i>Frontiers in Microbiology</i> , 2022, 13, 831034.	3.5	17
27	Amino acids as modulators of the European seabass, <i>Dicentrarchus labrax</i> , innate immune response: an in vitro approach. <i>Scientific Reports</i> , 2017, 7, 18009.	3.3	16
28	<i>Bacillus</i> spp. Inhibit <i>Edwardsiella tarda</i> Quorum-Sensing and Fish Infection. <i>Marine Drugs</i> , 2021, 19, 602.	4.6	13
29	Extended-spectrum β -lactamase and carbapenemase-producing <i>Aeromonas</i> species in wild animals from Portugal. <i>Veterinary Record</i> , 2014, 174, 532-532.	0.3	12
30	Evaluation of the Potential of Marine Algae Extracts as a Source of Functional Ingredients Using Zebrafish as Animal Model for Aquaculture. <i>Marine Biotechnology</i> , 2021, 23, 529-545.	2.4	10
31	A structure-function analysis of interspecies antagonism by the 2-heptyl-4-alkyl-quinolone signal molecule from <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2020, 166, 169-179.	1.8	9
32	Mucosal and systemic immune effects of <i>Bacillus subtilis</i> in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2022, 124, 142-155.	3.6	9
33	Methionine and Tryptophan Play Different Modulatory Roles in the European Seabass (<i>Dicentrarchus</i>) Tj ETQq1 1 0.784314 rgBT /Ove 2021, 12, 660448.	4.8	8
34	Effects of dietary ARA, DHA, and carbohydrates levels on gilthead sea bream liver and intestine oxidative stress, tissue histomorphology, and gut microbiota. <i>Aquaculture</i> , 2022, 552, 738014.	3.5	8
35	Gut microbiota and gut morphology of gilthead sea bream (<i>Sparus aurata</i>) juveniles are not affected by chromic oxide as digestibility marker. <i>Aquaculture Research</i> , 2018, 49, 1347-1356.	1.8	6
36	Bacterioplankton Community as a Biological Element for Reservoirs Water Quality Assessment. <i>Water (Switzerland)</i> , 2021, 13, 2836.	2.7	6

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37	Novel protein carrier system based on cyanobacterial nano-sized extracellular vesicles for application in fish. <i>Microbial Biotechnology</i> , 2022, 15, 2191-2207.	4.2	4
38	Isolation of Chitinolytic Bacteria from European Sea Bass Gut Microbiota Fed Diets with Distinct Insect Meals. <i>Biology</i> , 2022, 11, 964.	2.8	4
39	Multiplex PCR identification and culture-independent quantification of <i>Bacillus licheniformis</i> by qPCR using specific DNA markers. <i>Food Microbiology</i> , 2018, 74, 1-10.	4.2	2
40	Effect of Dietary Plant Feedstuffs and Protein/Carbohydrate Ratio on Gilthead Seabream (<i>Sparus aurata</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.7	2
41	Effects of Feeding Frequency and Dietary Protein/Carbohydrate Ratios on Gilthead Seabream (<i>Sparus aurata</i>) Tj ETQq1 1 0,784314 rgBT /Overlock	2.7	2
42	Comprehensive transcriptome profiling and functional analysis of the meagre (<i>Argyrosomus regius</i>) immune system. <i>Fish and Shellfish Immunology</i> , 2022, 123, 506-520.	3.6	2
43	ISOLATION OF THE ANTIMICROBIAL CYCLIC PEPTIDE SUBTILOSIN A FROM A GUT-ASSOCIATED <i>BACILLUS SUBTILIS</i> STRAIN. <i>American Journal of Biochemistry and Biotechnology</i> , 2013, 9, 307-317.	0.4	1
44	High-Quality Draft Genome Sequences of Marine Fish Gut <i>Bacillus</i> sp. Strains ABP1 and ABP2 with Nonstarch Polysaccharide Hydrolytic Potential. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
45	Incorporation of untreated or white-rot fungi treated cowpea stover on performance, digestibility, health and meat quality of growing rabbits. <i>Animal Feed Science and Technology</i> , 2021, 281, 115100.	2.2	1
46	In vitro modulation of gilthead seabream (<i>Sparus aurata</i> L.) leukocytes by <i>Bacillus</i> spp. extracellular molecules upon bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2022, 121, 285-294.	3.6	1
47	<i>Bacillus subtilis</i> Expressing the Infectious Pancreatic Necrosis Virus VP2 Protein Retains Its Immunostimulatory Properties and Induces a Specific Antibody Response. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1