

Fernando Naya-Catalã

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

462
citations

759233

12
h-index

794594

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21
all docs

21
docs citations

21
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Somatotropic Axis Regulation Unravels the Differential Effects of Nutritional and Environmental Factors in Growth Performance of Marine Farmed Fishes. <i>Frontiers in Endocrinology</i> , 2018, 9, 687.	3.5	56
2	Acting locally - affecting globally: RNA sequencing of gilthead sea bream with a mild Sparicotyle chrysophrii infection reveals effects on apoptosis, immune and hypoxia related genes. <i>BMC Genomics</i> , 2019, 20, 200.	2.8	53
3	Sex, Age, and Bacteria: How the Intestinal Microbiota Is Modulated in a Protandrous Hermaphrodite Fish. <i>Frontiers in Microbiology</i> , 2019, 10, 2512.	3.5	52
4	Genetic selection for growth drives differences in intestinal microbiota composition and parasite disease resistance in gilthead sea bream. <i>Microbiome</i> , 2020, 8, 168.	11.1	48
5	Selection for growth is associated in gilthead sea bream (<i>Sparus aurata</i>) with diet flexibility, changes in growth patterns and higher intestine plasticity. <i>Aquaculture</i> , 2019, 507, 349-360.	3.5	27
6	Genome Sequencing and Transcriptome Analysis Reveal Recent Species-Specific Gene Duplications in the Plastic Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	26
7	Stearoyl-CoA desaturase (<i>scd1a</i>) is epigenetically regulated by broodstock nutrition in gilthead sea bream (<i>Sparus aurata</i>). <i>Epigenetics</i> , 2020, 15, 536-553.	2.7	26
8	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. <i>Aquaculture</i> , 2021, 545, 737245.	3.5	26
9	Cross-Talk Between Intestinal Microbiota and Host Gene Expression in Gilthead Sea Bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT /Overl in <i>Physiology</i> , 2021, 12, 748265.	2.8	26
10	Simulating Multilevel Dynamics of Antimicrobial Resistance in a Membrane Computing Model. <i>MBio</i> , 2019, 10, .	4.1	24
11	The Effects of Nisin-Producing <i>Lactococcus lactis</i> Strain Used as Probiotic on Gilthead Sea Bream (<i>Sparus aurata</i>) Growth, Gut Microbiota, and Transcriptional Response. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	21
12	Reshaping of Gut Microbiota in Gilthead Sea Bream Fed Microbial and Processed Animal Proteins as the Main Dietary Protein Source. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	18
13	Diet and Host Genetics Drive the Bacterial and Fungal Intestinal Metatranscriptome of Gilthead Sea Bream. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	12
14	Physiological trade-offs associated with fasting weight loss, resistance to exercise and behavioral traits in farmed gilthead sea bream (<i>Sparus aurata</i>) selected by growth. <i>Aquaculture Reports</i> , 2021, 20, 100645.	1.7	9
15	Modulation of Gilthead Sea Bream Gut Microbiota by a Bioactive Egg White Hydrolysate: Interactions Between Bacteria and Host Lipid Metabolism. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	9
16	Targeting the Mild-Hypoxia Driving Force for Metabolic and Muscle Transcriptional Reprogramming of Gilthead Sea Bream (<i>Sparus aurata</i>) Juveniles. <i>Biology</i> , 2021, 10, 416.	2.8	8
17	Effects of genetics and early-life mild hypoxia on size variation in farmed gilthead sea bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT /Overl 2.3	2.3	7
18	Transcriptomic profiling of Gh/Igf system reveals a prompted tissue-specific differentiation and novel hypoxia responsive genes in gilthead sea bream. <i>Scientific Reports</i> , 2021, 11, 16466.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Revising the Impact and Prospects of Activity and Ventilation Rate Bio-Loggers for Tracking Welfare and Fish-Environment Interactions in Salmonids and Mediterranean Farmed Fish. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	7