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List of Publications by Year
in descending order

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39 papers	2,997 citations	236612 25 h-index	344852 36 g-index
41 all docs	41 docs citations	41 times ranked	2840 citing authors

#	Article	IF	Citations
1	Antioxidant Defenses in Fish: Biotic and Abiotic Factors. Reviews in Fish Biology and Fisheries, 2005, 15, 75-88.	2.4	916
2	Digestive enzyme activities in Adriatic sturgeon Acipenser naccarii and rainbow trout Oncorhynchus mykiss. A comparative study. Aquaculture, 2005, 250, 391-398.	1.7	262
3	Metabolic responses to short starvation and refeeding in Dicentrarchus labrax. Effect of dietary composition. Aquaculture, 2007, 265, 325-335.	1.7	157
4	Oxidative stress and antioxidant defenses after prolonged starvation in Dentex dentex liver. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 139, 153-161.	1.3	152
5	Antioxidant enzymes and lipid peroxidation in sturgeon Acipenser naccarii and trout Oncorhynchus mykiss. A comparative study. Aquaculture, 2006, 254, 758-767.	1.7	131
6	The metabolic effects of prolonged starvation and refeeding in sturgeon and rainbow trout. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 63-76.	0.7	108
7	Effect of starvation and refeeding on digestive enzyme activities in sturgeon (Acipenser naccarii) and trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 149, 420-425.	0.8	102
8	Physiological effects of crowding in rainbow trout, Oncorhynchus mykiss, selected for low and high stress responsiveness. Aquaculture, 2006, 258, 583-593.	1.7	100
9	Influence of handling and/or anaesthesia on stress response in rainbow trout. Effects on liver primary metabolism. Comparative Biochemistry and Physiology A, Comparative Physiology, 1990, 95, 87-93.	0.7	87
10	Effects of dietary protein source on growth, feed conversion and energy utilization in rainbow trout, Oncorhynchus mykiss. Aquaculture, 1994, 124, 117-126.	1.7	87
11	Digestive enzymatic profile of Dentex dentex and response to different dietary formulations. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 157-164.	0.8	80
12	Sunflower meal compared with soybean meals as partial substitutes for fish meal in rainbow trout (Oncorhynchus mykiss) diets: protein and energy utilization. Aquaculture, 1994, 128, 287-300.	1.7	74
13	Oxidative stress parameters during starvation and refeeding periods in Adriatic sturgeon (Acipenser naccarii) and rainbow trout (Oncorhynchus mykiss). Aquaculture Nutrition, 2009, 15, 587-595.	1.1	65
14	Metabolic adjustments of Dentex dentex to prolonged starvation and refeeding. Fish Physiology and Biochemistry, 2012, 38, 1145-1157.	0.9	64
15	Blood antioxidant defenses and hematological adjustments in crowded/uncrowded rainbow trout (Oncorhynchus mykiss) fed on diets with different levels of antioxidant vitamins and HUFA. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 440-447.	1.3	57
16	Stress-related physiological responses to handling in common dentex (Dentex dentex Linnaeus, 1758). Aquaculture Research, 2005, 36, 33-40.	0.9	54
17	Influence of dietary vitamins E and C and HUFA on rainbow trout (Oncorhynchus mykiss) performance under crowding conditions. Aquaculture, 2007, 263, 249-258.	1.7	50
18	Re-evaluation of crude fibre and acid-insoluble ash as inert markers, alternative to chromic oxide, in digestibility studies with rainbow trout (Oncorhynchus mykiss). Aquaculture, 1999, 179, 71-79.	1.7	42

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19	Adaptive branchial mechanisms in the sturgeon Acipenser naccarii during acclimation to saltwater. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 141, 183-190.	0.8	41
20	Physiological changes in rainbow trout held under crowded conditions and fed diets with different levels of vitamins E and C and highly unsaturated fatty acids (HUFA). Aquaculture, 2008, 277, 293-302.	1.7	37
21	Nutritional and metabolic responses in common dentex (Dentex dentex) fed on different types and levels of carbohydrates. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 184, 56-64.	0.8	36
22	Comparative study of growth performance and amino acid catabolism in Oncorhynchus mykiss, Tinca tinca and Sparus aurata and the catabolic changes in response to insect meal inclusion in the diet. Aquaculture, 2020, 529, 735731.	1.7	32
23	Dietary carbohydrates improve oxidative status of common dentex (Dentex dentex) juveniles, a carnivorous fish species. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 203, 17-23.	0.8	30
24	Use of different combinations of macronutrients in diets for dentex (Dentex dentex). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 314-321.	0.8	29
25	Effects of dietary restriction on post-mortem changes in white muscle of sea bream (Sparus aurata). Aquaculture, 2010, 307, 49-55.	1.7	29
26	Antioxidant enzymatic defenses and oxidative damage in Dentex dentex fed on different dietary macronutrient levels. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 537-545.	1.3	26
27	Regional asymmetry of metabolic and antioxidant profile in the sciaenid fish shi drum (Umbrina) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	25
28	Metabolic organization of the sturgeon Acipenser naccarii. Aquaculture, 2009, 289, 161-166.	1.7	22
29	Influence of Starvation on Flesh Quality of Farmed Dentex, Dentex dentex. Journal of the World Aquaculture Society, 0, 41, 490-505.	1.2	17
30	Assessment of stress and nutritional biomarkers in cultured Octopus vulgaris paralarvae: Effects of geographical origin and dietary regime. Aquaculture, 2017, 468, 558-568.	1.7	17
31	Effect on Intermediary Metabolism and Digestive Parameters of the High Substitution of Fishmeal with Insect Meal in Sparus aurata Feed. Insects, 2021, 12, 965.	1.0	16
32	Time Course of Metabolic Capacities in Paralarvae of the Common Octopus, Octopus vulgaris, in the First Stages of Life. Searching Biomarkers of Nutritional Imbalance. Frontiers in Physiology, 2017, 8, 427.	1.3	11
33	Growth performance, feed utilization and body composition of Dentex dentex fed on different macronutrient combinations. Aquaculture Research, 2009, 41, 111-119.	0.9	10
34	Oxidative metabolism of gut and innate immune status in skin and blood of tench (Tinca tinca) fed with different insect meals (Hermetia illucens and Tenebrio molitor). Aquaculture, 2022, 558, 738384.	1.7	8
35	On Nutrition and Feeding Studies as the Basis for the Culture of Different Sturgeon Species. , 2009, , 215-234.		6
36	Description of a facility for studying energy metabolism in fish: application to aquaculture. Aquacultural Engineering, 2000, 21, 169-180.	1.4	5

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37	Effect of sublethal concentrations of waterborne copper on lipid peroxidation and enzymatic antioxidant response in Gambusia holbrooki. Environmental Toxicology and Pharmacology, 2013, 36, 125-134.	2.0	4
38	Proteogenomic Study of the Effect of an Improved Mixed Diet of Live Preys on the Aquaculture of Octopus vulgaris Paralarvae. Frontiers in Marine Science, 2022, 8, .	1.2	3
39	Correct your own exam. Exercises for university students to develop writing skills in biology. SHS Web of Conferences, 2016, 26, 01079.	0.1	0