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List of Publications by Year
in descending order

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49 papers	1,079 citations	393982 19 h-index	433756 31 g-index
49 all docs	49 docs citations	49 times ranked	1006 citing authors

#	Article	IF	Citations
1	Growth, survival and fatty acid composition of juvenile Litopenaeus vannamei fed different oils in the presence and absence of phospholipids. Aquaculture, 2002, 205, 325-343.	1.7	93
2	Effect of dietary phospholipid on essential fatty acid requirements and tissue lipid composition of Litopenaeus vannamei juveniles. Aquaculture, 2002, 207, 151-167.	1.7	77
3	Effect of Various Dietary Lipid Levels on Quantitative Essential Fatty Acid Requirements of Juvenile Pacific White Shrimp Litopenaeus vannamei. Journal of the World Aquaculture Society, 2002, 33, 330-340.	1.2	66
4	Nutritional evaluation of fatty acids for the open thelycum shrimp, Litopenaeus vannamei : II. Effect of dietary n-3 and n-6 polyunsaturated and highly unsaturated fatty acids on juvenile shrimp growth, survival, and fatty acid composition. Aquaculture Nutrition, 2003, 9, 115-122.	1.1	61
5	Effects of commercial dietary prebiotic and probiotic supplements on growth, innate immune responses, and intestinal microbiota and histology of Totoaba macdonaldi. Aquaculture, 2018, 491, 239-251.	1.7	60
6	Partial replacement of fishmeal and fish oil by algal meals in diets of red drum Sciaenops ocellatus. Aquaculture, 2018, 487, 41-50.	1.7	55
7	Effect of temperature on sperm quality of captive Litopenaeus vannamei broodstock. Aquaculture, 2001, 198, 209-218.	1.7	47
8	Replacement of fish oil in plant based diets for Pacific white shrimp (Litopenaeus vannamei). Aquaculture, 2010, 309, 152-158.	1.7	47
9	Effect of dietary lipid level and replacement of fish oil by soybean oil in compound feeds for the shortfin corvina (Cynoscion parvipinnis). Aquaculture, 2016, 454, 217-228.	1.7	45
10	Nutritional evaluation of fatty acids for the open thelycum shrimp, Litopenaeus vannamei : I. Effect of dietary linoleic and linolenic acids at different concentrations and ratios on juvenile shrimp growth, survival and fatty acid composition. Aquaculture Nutrition, 2003, 9, 105-113.	1.1	37
11	Investigation of the Effects of Salinity and Dietary Protein Level on Growth and Survival of Pacific White Shrimp, Litopenaeus vannamei. Journal of the World Aquaculture Society, 2007, 38, 475-485.	1.2	36
12	Plant protein sources in the diets of the sciaenids red drum (Sciaenops ocellatus) and shortfin corvina (Cynoscion parvipinnis): A comparative study. Aquaculture, 2016, 453, 122-129.	1.7	34
13	Effect of fishmeal and fish oil replacement by algal meals on biological performance and fatty acid profile of hybrid striped bass (Morone chrysops â™€â€Ã—â€M. saxatilis â™‚). Aquaculture, 2019, 507, 83-90.	1.7	27
14	Biological performance of Totoaba macdonaldi in response to dietary protein level. Aquaculture, 2012, 362-363, 50-54.	1.7	25
15	Effect of dietary protein level on growth, survival and ammonia efflux rate of Litopenaeus vannamei (Boone) raised in a zero water exchange culture system. Aquaculture Research, 2005, 36, 834-840.	0.9	24
16	Influence of dietary lipid on growth performance and body composition of the Gulf corvina, Cynoscion othonopterus. Aquaculture, 2015, 448, 401-409.	1.7	24
17	Effect of Various Dietary Levels of Docosahexaenoic and Arachidonic Acids and Different nâ€3/nâ€6 Ratios on Biological Performance of Pacific White Shrimp, Litopenaeus vannamei, Raised in Low Salinity. Journal of the World Aquaculture Society, 2009, 40, 194-206.	1.2	23
18	Evaluation of apparent digestibility coefficient of energy of various vegetable feed ingredients in Florida pompano, Trachinotus carolinus. Aquaculture, 2010, 310, 240-243.	1.7	21

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19	Replacement of fresh dietary components by a dry feed for successful maturation of male Litopenaeus vannamei (Boone) broodstock. Aquaculture Research, 2002, 33, 1091-1095.	0.9	20
20	Effect of dietary lipid level on growth performance, feed utilization and body composition of totoaba, <scp>T</scp> otoaba macdonaldi (<scp>G</scp> ilbert, 1890). Aquaculture Research, 2017, 48, 2607-2617.	0.9	20
21	Dietary Effects on Sperm Quality of Litopenaeus vannamei Broodstock. Journal of the World Aquaculture Society, 2003, 34, 92-98.	1.2	19
22	Effects of water temperature and Na+:K+ ratio on physiological and production parameters of Litopenaeus vannamei reared in low salinity water. Aquaculture, 2012, 342-343, 13-17.	1.7	17
23	Replacement of fish oil by soybean oil and microalgal meals in diets for Totoaba macdonaldi (Gilbert,) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	16
24	Nitrogen budget for a low salinity, zero-water exchange culture system: I. Effect of dietary protein level on the performance of Litopenaeus vannamei (Boone). Aquaculture Research, 2007, 38, 798-808.	0.9	15
25	Nitrogen budget for a low-salinity, zero-water exchange culture system: II. Evaluation of isonitrogenous feeding of various dietary protein levels to Litopenaeus vannamei (Boone). Aquaculture Research, 2008, 39, 995-1004.	0.9	14
26	Changes in lipid class and fatty acid composition of adult maleLitopenaeus vannamei(Boone) in response to culture temperature and food deprivation. Aquaculture Research, 2003, 34, 1205-1213.	0.9	13
27	Effects of Fumonisin B₁-Containing Feed on the Muscle Proteins and Ice-Storage Life of White Shrimp (Litopenaeus vannamei). Journal of Aquatic Food Product Technology, 2015, 24, 340-353.	0.6	13
28	Use of alternative plant and animal protein blends, in place of fishmeal, in diets for juvenile totoaba, Totoaba macdonaldi. Aquaculture, 2020, 529, 735698.	1.7	13
29	Evaluation of jumbo squid (Dosidicus gigas) byproduct hydrolysates obtained by acid-enzymatic hydrolysis and by autohydrolysis in practical diets for Pacific white shrimp (Litopenaeus vannamei). Food Science and Technology, 2014, 34, 552-558.	0.8	12
30	Red drum Sciaenops ocellatus growth and expression of bile salt-dependent lipase in response to increasing dietary lipid supplementation. Fish Physiology and Biochemistry, 2018, 44, 1319-1331.	0.9	12
31	Partial characterization, quantification and activity of pancreatic lipase in the gastrointestinal tract of Totoaba Macdonaldi. Archives of Biological Sciences, 2018, 70, 489-496.	0.2	12
32	The effects of environmental salinity on the growth and physiology of totoaba Totoaba macdonaldi and shortfin corvina Cynoscion parvipinnis. Journal of Fish Biology, 2017, 91, 510-527.	0.7	11
33	Biochemical composition and fatty acid profile of gonads from wild and cultured Shortfin corvina (Cynoscion parvipinnis) during the early maturation stage. Archives of Biological Sciences, 2017, 69, 491-501.	0.2	10
34	Activity and Partial Characterization of Trypsin, Chymotrypsin, and Lipase in the Digestive Tract of Totoaba macdonaldi. Journal of Aquatic Food Product Technology, 2020, 29, 322-334.	0.6	9
35	Nutritional Value of Various Ray Fish Liver Oils to the Pacific White Shrimp Litopenaeus vannamei. Lipids, 2008, 43, 1009-1016.	0.7	6
36	Fatty acid and proximate composition of wild male and female king angelfish (Holacanthus passer) gonads during the ripe and spent developmental stages. Animal Reproduction, 2016, 13, 820-829.	0.4	6

#	Article	IF	Citations
37	Replacement of fish oil by camelina and black soldier fly larvae oils in diets for juvenile Totoaba macdonaldi and their effect on growth, fatty acid profile, and gene expression of pancreatic lipases. Aquaculture, 2022, 552, 737985.	1.7	5
38	Incorporating hydrolyzed soy protein or black soldier fly (Hermetia illucens) larvae meal into feeds for Totoaba macdonaldi. Aquaculture, 2022, 554, 738152.	1.7	5
39	Cofeeding of phospholipids to turbotScophthalmus maximusL. larvae as a tool to reduce live food consumption. Aquaculture Nutrition, 1999, 5, 237-245.	1.1	4
40	Evidence of pre-zygotic barriers in attempts to cross-breed Penaeus (Litopenaeus) vannamei (Boone) and P. (Litopenaeus) stylirostris (Stimpson) by means of artificial insemination. Aquaculture, 2010, 304, 100-103.	1.7	4
41	Partial characterization, quantification and optimum activity of trypsin and lipase from the sciaenids Cynoscion othonopterus, Cynoscion parvipinnis and Cynoscion xanthulus. Archives of Biological Sciences, 2020, 72, 81-93.	0.2	4
42	Seasonal changes in gonad maturity, proximate and fatty acid composition of Limbaughâ€™s damselfish, Chromis limbaughi Greenfield & Woods, 1980 (Pisces: Pomacentridae). Archives of Biological Sciences, 2019, 71, 755-765.	0.2	4
43	Effect of dietary protein source and time on alkaline proteolytic activity of Nile tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Over	0.9	3
44	Studies of the Thermal and Haline Influences on Growth and Survival of Litopenaeus vannamei and Litopenaeus setiferus. Journal of the World Aquaculture Society, 2013, 44, 229-238.	1.2	3
45	The Cortez flounder Paralichthys aestuarius as a candidate species for aquaculture: First report on growth in captivity in response to varying dietary protein levels. Aquaculture, 2014, 420-421, 225-230.	1.7	3
46	First report on the swim bladder index, proximate composition, and fatty acid analysis of swim bladder from cultured Totoaba macdonaldi fed compound aquafeeds. Aquaculture Reports, 2021, 21, 100901.	0.7	3
47	Optimum Activity and Partial Characterization of Chymotrypsin from the Sciaenids Cynoscion othonopterus, Cynoscion parvipinnis, and Cynoscion xanthulus. Journal of Aquatic Food Product Technology, 2021, 30, 670-682.	0.6	1
48	Fatty Acid Profile and Proximate Composition of Gonads from Wild Echinometra vanbrunti during an Annual Cycle: Suitability for Human Consumption. Journal of Aquatic Food Product Technology, 2021, 30, 1062-1077.	0.6	0
49	Growth and Physiological Response of Litopenaeus stylirostris Acclimated to Low Salinity. North American Journal of Aquaculture, 2022, 84, 105.	0.7	0