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List of Publications by Year
in descending order

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61 papers	3,786 citations	87843 38 h-index	123376 61 g-index
61 all docs	61 docs citations	61 times ranked	2564 citing authors

#	Article	IF	Citations
1	Molecular and functional characterization of a SCD 1b from European sea bass (Dicentrarchus labrax) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	1
2	Molecular and functional characterisation of a putative elovl4 gene and its expression in response to dietary fatty acid profile in Atlantic bluefin tuna (Thunnus thynnus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 240, 110372.	0.7	22
3	Central and peripheral clocks in Atlantic bluefin tuna (Thunnus thynnus, L.): Daily rhythmicity of hepatic lipid metabolism and digestive genes. Aquaculture, 2020, 523, 735220.	1.7	12
4	Inter-regional variation in feeding patterns of skipjack tuna (Katsuwonus pelamis) inferred from stomach content, stable isotope and fatty acid analyses. Marine Environmental Research, 2019, 152, 104821.	1.1	17
5	Taurine metabolism and effects of inclusion levels in rotifer (Brachionus rotundiformis,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 353-363.	1.7	4
6	Evaluation of different feeding protocols for larvae of Atlantic bluefin tuna (Thunnus thynnus L.). Aquaculture, 2019, 505, 523-538.	1.7	10
7	Performance, feed utilization, and hepatic metabolic response of weaned juvenile Atlantic bluefin tuna (Thunnus thynnus L.): effects of dietary lipid level and source. Fish Physiology and Biochemistry, 2019, 45, 697-718.	0.9	11
8	Molecular aspects of lipid metabolism, digestibility and antioxidant status of Atlantic bluefin tuna (T.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	12
9	Lipid metabolism-related gene expression pattern of Atlantic bluefin tuna (Thunnus thynnus L.) larvae fed on live prey. Fish Physiology and Biochemistry, 2017, 43, 493-516.	0.9	21
10	Docosahexaenoic acid biosynthesis via fatty acyl elongase and Î”4-desaturase and its modulation by dietary lipid level and fatty acid composition in a marine vertebrate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 588-597.	1.2	40
11	Trophic links of Atlantic Bluefin tuna (Thunnus thynnus L.) inferred by fatty acid signatures. Journal of Experimental Marine Biology and Ecology, 2015, 463, 49-56.	0.7	10
12	Lipid and fatty acid composition, and persistent organic pollutant levels in tissues of migrating Atlantic bluefin tuna (Thunnus thynnus, L.) broodstock. Environmental Pollution, 2012, 171, 61-71.	3.7	48
13	Expression of fatty acyl desaturase and elongase genes, and evolution of DHA:EPA ratio during development of unfed larvae of Atlantic bluefin tuna (Thunnus thynnus L.). Aquaculture, 2011, 313, 129-139.	1.7	100
14	Comparison of the lipid profiles from wild caught eggs and unfed larvae of two scombroid fish: northern bluefin tuna (Thunnus thynnus L., 1758) and Atlantic bonito (Sarda sarda Bloch, 1793). Fish Physiology and Biochemistry, 2010, 36, 461-471.	0.9	30
15	Tuna Nutrition and Feeds: Current Status and Future Perspectives. Reviews in Fisheries Science, 2009, 17, 373-390.	2.1	42
16	Molecular and functional characterization and expression analysis of a Î”6 fatty acyl desaturase cDNA of European Sea Bass (Dicentrarchus labrax L.). Aquaculture, 2009, 298, 90-100.	1.7	81
17	Effects of partial substitution of dietary fish oil with blends of vegetable oils, on blood leucocyte fatty acid compositions, immune function and histology in European sea bass (Dicentrarchus labrax) Tj ETQq1 1 0.784314 rgBT /Over	1.7	81
18	Does dietary tocopherol level affect fatty acid metabolism in fish?. Fish Physiology and Biochemistry, 2007, 33, 269-280.	0.9	81

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19	Influence of sampling gear in assessment of reproductive parameters for bluefin tuna in the western Mediterranean. Marine Ecology - Progress Series, 2007, 337, 221-230.	0.9	30
20	Replacement of a large portion of fish oil by vegetable oils does not affect lipogenesis, lipid transport and tissue lipid uptake in European seabass (Dicentrarchus labrax L.). Aquaculture, 2006, 261, 1077-1087.	1.7	131
21	Partial replacement of dietary fish oil with blends of vegetable oils (rapeseed, linseed and palm oils) in diets for European sea bass (Dicentrarchus labrax L.) over a long term growth study: Effects on muscle and liver fatty acid composition and effectiveness of a fish oil finishing diet. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 145, 389-399.	0.7	173
22	Partial substitution of fish oil with rapeseed, linseed and olive oils in diets for European sea bass (Dicentrarchus labrax L.): effects on flesh fatty acid composition, plasma prostaglandins E2 and F2alpha, immune function and effectiveness of a fish oil finishing diet. Aquaculture Nutrition, 2005, 11, 25-40.	1.1	224
23	Effect of partial substitution of dietary fish oil by vegetable oils on desaturation and Î²-oxidation of [1-14C]18:3nâ^'3 (LNA) and [1-14C]20:5nâ^'3 (EPA) in hepatocytes and enterocytes of European sea bass (Dicentrarchus labrax L.). Aquaculture, 2005, 248, 173-186.	1.7	122
24	Lipid Composition of Lees from Sherry Wine. Journal of Agricultural and Food Chemistry, 2004, 52, 4791-4794.	2.4	40
25	Title is missing!. Aquaculture International, 2003, 11, 195-216.	1.1	100
26	Increased activities of hepatic antioxidant defence enzymes in juvenile gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	216
27	Effects of dietary vitamin E on antioxidant defence mechanisms of juvenile turbot (Scophthalmus) Tj ETQq1 1 0.784314 rgBT /Overlock Nutrition, 2002, 8, 195-207.	1.1	207
28	Title is missing!. Fish Physiology and Biochemistry, 2002, 26, 297-308.	0.9	35
29	Lipids in female northern bluefin tuna (Thunnus thynnus thynnus L.) during sexual maturation. Fish Physiology and Biochemistry, 2001, 24, 351-363.	0.9	72
30	Title is missing!. Fish Physiology and Biochemistry, 2000, 23, 337-351.	0.9	69
31	Title is missing!. Fish Physiology and Biochemistry, 1999, 21, 45-58.	0.9	36
32	Characterization of antioxidant systems, oxidation status and lipids in brain of wild-caught size-class distributed Aristeus antennatus (Risso, 1816) Crustacea, Decapoda. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1999, 124, 405-416.	0.7	29
33	Study of the nâ^'3 highly unsaturated fatty acids requirement and antioxidant status of Dentex dentex larvae at the Artemia feeding stage. Aquaculture, 1999, 179, 291-307.	1.7	62
34	Relationships between antioxidants, antioxidant enzyme activities and lipid peroxidation products during early development in Dentex dentex eggs and larvae. Aquaculture, 1999, 179, 309-324.	1.7	102
35	Title is missing!. Fish Physiology and Biochemistry, 1998, 18, 149-165.	0.9	38
36	Lipid composition and oxidation status in brain of wild-caught size-class distributed Parapenaeus longirostris (Lucas, 1846). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 120, 457-466.	0.7	3

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37	The use of silages prepared from fish neural tissues as enrichers for rotifers (Brachionus plicatilis) and Artemia in the nutrition of larval marine fish. Aquaculture, 1997, 148, 213-231.	1.7	33
38	Effects of salinity and dietary DHA (22:6 n â€Š-â€Š3) content on lipid composition and performance of Penaeus kerathurus postlarvae. Marine Biology, 1997, 128, 289-298.	0.7	25
39	Lipid classes and their content of n -3 highly unsaturated fatty acids (HUFA) in Artemia franciscana after hatching, HUFA-enrichment and subsequent starvation. Marine Biology, 1997, 130, 81-91.	0.7	60
40	In vitro metabolism of 14C-polyunsaturated fatty acids in midgut gland and ovary cells from Penaeus kerathurus ForskÃ¢l at the beginning of sexual maturation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 115, 255-266.	0.7	39
41	A comparative study of the ovarian development in wild and pond-reared shrimp, Penaeus kerathurus (ForskÃ¥l, 1775). Aquaculture, 1996, 148, 63-75.	1.7	54
42	Changes in the content of total lipid, lipid classes and their fatty acids of developing eggs and unfed larvae of the Senegal sole,Solea senegalensis Kaup. Fish Physiology and Biochemistry, 1996, 15, 221-235.	0.9	83
43	Variations in lipid content and nutritional status during larval development of the marine shrimp Penaeus kerathurus. Aquaculture, 1995, 130, 187-199.	1.7	44
44	Changes in lipid class and fatty acid contents in the ovary and midgut gland of the female fiddler crab Uca tangeri (Decapoda, Ocypodiadae) during maturation. Marine Biology, 1994, 121, 187-197.	0.7	48
45	Spermatozoal ultrastructure of Penaeus kerathurus and Penaeus japonicus (Crustacea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	18
46	Biochemical composition and digestive enzyme activity in larvae and postlarvae ofPenaeus japonicus during herbivorous and carnivorous feeding. Marine Biology, 1994, 118, 45-51.	0.7	105
47	In vivo metabolism of [1-14C]linolenic acid (18:3(n â^' 3)) and [1-14C]eicosapentaenoic acid (20:5(n â^' 3)) in a marine fish: Time-course of the desaturation/elongation pathway. Lipids and Lipid Metabolism, 1994, 1212, 109-118.	2.6	76
48	Biochemical composition and fatty acid content of fertilized eggs, yolk sac stage larvae and first-feeding larvae of the Senegal sole (Solea senegalensis Kaup). Aquaculture, 1994, 119, 273-286.	1.7	77
49	Incorporation and metabolism of14C-labelled polyunsaturated fatty acids in wild-caught juveniles of golden grey mullet,Liza aurata, in vivo. Fish Physiology and Biochemistry, 1993, 12, 119-130.	0.9	48
50	Incorporation and metabolism of 14C-labelled polyunsaturated fatty acids in juvenile gilthead sea bream Sparus aurata L. in vivo. Fish Physiology and Biochemistry, 1993, 10, 443-453.	0.9	71
51	Effects of dietary docosahexaenoic acid (DHA; 22:6nâ^'3) on lipid and fatty acid compositions and growth in gilthead sea bream (Sparus aurata L.) larvae during first feeding. Aquaculture, 1993, 112, 79-98.	1.7	112
52	The effects of weaning on to a dry pellet diet on brain lipid and fatty acid compositions in post-larval gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 605-611.	0.7	37
53	Effects of weaning onto a pelleted diet on docosahexaenoic acid (22: 6 n-3) levels in brain of developing turbot (Scophthalmus maximus L.). Aquaculture, 1992, 105, 363-377.	1.7	76
54	Lipid class and fatty acid composition of brain lipids from Atlantic herring (Clupea harengus) at different stages of development. Marine Biology, 1992, 112, 553-558.	0.7	48

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55	Metabolism of [1-14C]docosahexaenoate (22âˆ¶6nâˆ’3), [1-14C]eicosapentaenoate (20âˆ¶5nâˆ’3) and [1-14C]linolenate (18âˆ¶3nâˆ’3) in brain cells from juvenile turbotScophthalmus maximus. Lipids, 1992, 27, 494-499.	0.7	71
56	Specific accumulation of docosahexaenoic acid (22âˆ¶6nâˆ’3) in brain lipids during development of juvenile turbotScophthalmus maximus L.. Lipids, 1991, 26, 871-877.	0.7	106
57	Variation in the lipid content of wild-caught females of the marine shrimpPenaeus kerathurus during sexual maturation. Marine Biology, 1991, 110, 21-28.	0.7	56
58	Effect of broodstock diets on lipid classes and their fatty acid composition in eggs of gilthead sea bream (Sparus aurata L.). Fish Physiology and Biochemistry, 1990, 8, 93-101.	0.9	87
59	Effect of broodstock diets on total lipids and fatty acid composition of larvae of gilthead sea bream (Sparus aurata L.) during yolksac stage. Fish Physiology and Biochemistry, 1990, 8, 103-110.	0.9	39
60	Total fatty acid composition as a taxonomic index of some marine microalgae used as food in marine aquaculture. Hydrobiologia, 1990, 203, 147-154.	1.0	52
61	Contenido en Ã¡cidos grasos de los lÃpidos totales, polares y neutros en mÃºsculo, hepatopÃ¡ncreas y ovario del crustÃ¡ceoPenaeus kerathurus(Forskal) antes y despuÃ©s de la puesta. Aquatic Living Resources, 1990, 3, 243-250.	0.5	9