

Juan C Navarro

List of Publications by Year in descending order

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136
papers

5,453
citations

94381

37
h-index

102432

66
g-index

138
all docs

138
docs citations

138
times ranked

4360
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary deficiency of docosahexaenoic acid impairs vision at low light intensities in juvenile herring (<i>Clupea harengus</i> L.). <i>Lipids</i> , 1995, 30, 443-449.	0.7	280
2	Genes for de novo biosynthesis of omega-3 polyunsaturated fatty acids are widespread in animals. <i>Science Advances</i> , 2018, 4, eaar6849.	4.7	252
3	Biosynthesis of Polyunsaturated Fatty Acids in Marine Invertebrates: Recent Advances in Molecular Mechanisms. <i>Marine Drugs</i> , 2013, 11, 3998-4018.	2.2	231
4	Antioxidant enzyme activities and lipid peroxidation in the freshwater cladoceran <i>Daphnia magna</i> exposed to redox cycling compounds. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 140, 175-186.	1.3	208
5	Lipid and fatty acid composition of early stages of cephalopods: an approach to their lipid requirements. <i>Aquaculture</i> , 2000, 183, 161-177.	1.7	183
6	The fatty acid composition of <i>Octopus vulgaris</i> paralarvae reared with live and inert food: deviation from their natural fatty acid profile. <i>Aquaculture</i> , 2003, 219, 613-631.	1.7	175
7	High levels of vegetable oils in plant protein-rich diets fed to gilthead sea bream (<i>Sparus</i>) tissues. <i>British Journal of Nutrition</i> , 2008, 100, 992-1003.	1.2	166
8	Lipid conversions during enrichment of <i>Artemia</i> . <i>Aquaculture</i> , 1999, 174, 155-166.	1.7	162
9	Changes in antioxidant enzyme activities, fatty acid composition and lipid peroxidation in <i>Daphnia magna</i> during the aging process. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 140, 81-90.	0.7	125
10	Lipids of some Caribbean and Red Sea corals: total lipid, wax esters, triglycerides and fatty acids. <i>Marine Biology</i> , 1993, 117, 113-117.	0.7	115
11	Effect of dichlorvos on cholinesterase activity of the European sea bass (<i>Dicentrarchus labrax</i>). <i>Pesticide Biochemistry and Physiology</i> , 2003, 75, 61-72.	1.6	102
12	Bioaccumulation of Chlorpyrifos Through an Experimental Food Chain: Study of Protein HSP70 as Biomarker of Sublethal Stress in Fish. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 229-235.	2.1	93
13	Reproductive performance in male European sea bass (<i>Dicentrarchus labrax</i> , L.) fed two PUFA-enriched experimental diets: a comparison with males fed a wet diet. <i>Aquaculture</i> , 2001, 194, 173-190.	1.7	91
14	Characterisation of cholinesterases and evaluation of the inhibitory potential of chlorpyrifos and dichlorvos to <i>Artemia salina</i> and <i>Artemia parthenogenetica</i> . <i>Chemosphere</i> , 2002, 48, 563-569.	4.2	91
15	Two novel <i>Anemia</i> enrichment diets containing polar lipid. <i>Aquaculture</i> , 1996, 144, 339-352.	1.7	87
16	Diversification of substrate specificities in teleostei <i>Fads2</i> : characterization of Δ^4 and Δ^6 Δ^5 desaturases of <i>Chirostoma estor</i> . <i>Journal of Lipid Research</i> , 2014, 55, 1408-1419.	2.0	87
17	Functional characterization and differential nutritional regulation of putative <i>Elovl5</i> and <i>Elovl4</i> elongases in large yellow croaker (<i>Larimichthys crocea</i>). <i>Scientific Reports</i> , 2017, 7, 2303.	1.6	83
18	Functional characterisation of a <i>Fads2</i> fatty acyl desaturase with Δ^6 Δ^8 activity and an <i>Elovl5</i> with C16, C18 and C20 elongase activity in the anadromous teleost meagre (<i>Argyrosomus regius</i>). <i>Aquaculture</i> , 2013, 412-413, 14-22.	1.7	76

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19	The time course of fish oil wash-out follows a simple dilution model in gilthead sea bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	69
20	Autoxidation of oil emulsions during the <i>Artemia</i> enrichment process. <i>Aquaculture</i> , 1995, 134, 101-112.	1.7	67
21	Identification of a Δ^5 -like Fatty Acyl Desaturase from the Cephalopod <i>Octopus vulgaris</i> (Cuvier 1797) Involved in the Biosynthesis of Essential Fatty Acids. <i>Marine Biotechnology</i> , 2012, 14, 411-422.	1.1	67
22	Tissue-specific robustness of fatty acid signatures in cultured gilthead sea bream (<i>Sparus aurata</i> L.) fed practical diets with a combined high replacement of fish meal and fish oil1. <i>Journal of Animal Science</i> , 2010, 88, 1759-1770.	0.2	66
23	Biosynthesis of essential fatty acids in <i>Octopus vulgaris</i> (Cuvier, 1797): Molecular cloning, functional characterisation and tissue distribution of a fatty acyl elongase. <i>Aquaculture</i> , 2012, 360-361, 45-53.	1.7	64
24	Effects of dichlorvos aquaculture treatments on selected biomarkers of gilthead sea bream (<i>Sparus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	63
25	Evolutionary functional elaboration of the <i>Elovl2/5</i> gene family in chordates. <i>Scientific Reports</i> , 2016, 6, 20510.	1.6	60
26	Decreased 20:4n $\hat{=}$ 620:5n $\hat{=}$ 3 ratio in sperm from cultured sea bass, <i>Dicentrarchus labrax</i> , broodstock compared with wild fish. <i>Aquaculture</i> , 1996, 144, 189-199.	1.7	57
27	Growth, partial energy balance, mantle and digestive gland lipid composition of <i>Octopus vulgaris</i> (Cuvier, 1797) fed with two artificial diets. <i>Aquaculture Nutrition</i> , 2011, 17, e174-e187.	1.1	54
28	Biomagnification Study on Organochlorine Compounds in Marine Aquaculture:Â The Sea Bass(<i>Dicentrarchus labrax</i>)as a Model. <i>Environmental Science & Technology</i> , 2003, 37, 3375-3381.	4.6	53
29	Current Status and Bottle Neck of Octopod Aquaculture: The Case of American Species. <i>Journal of the World Aquaculture Society</i> , 2011, 42, 735-752.	1.2	52
30	Biogeography of the genus <i>Artemia</i> (Crustacea, Branchiopoda, Anostraca) in Spain. <i>International Journal of Salt Lake Research</i> , 1994, 3, 175-190.	0.1	51
31	Nutrition as a Key Factor for Cephalopod Aquaculture. , 2014, , 77-95.		46
32	Some aspects of <i>Artemia</i> biology affected by cestode parasitism. <i>Hydrobiologia</i> , 1991, 212, 39-44.	1.0	45
33	Dietary modulation of arachidonic acid metabolism in senegalese sole (<i>Solea Senegalensis</i>) broodstock reared in captivity. <i>Aquaculture</i> , 2013, 372-375, 80-88.	1.7	44
34	Acute toxicity of dichlorvos to <i>Aphanius iberus</i> (Cuvier & Valenciennes, 1846) and its anti-cholinesterase effects on this species. <i>Aquatic Toxicology</i> , 2008, 88, 53-61.	1.9	41
35	Enrichment of <i>Artemia</i> metanauplii in phospholipids and essential fatty acids as a diet for common octopus (<i>Octopus vulgaris</i>) paralarvae. <i>Aquaculture Nutrition</i> , 2013, 19, 837-844.	1.1	40
36	Enrichment of <i>Artemia</i> nauplii in essential fatty acids with different types of liposomes and their use in the rearing of gilthead sea bream (<i>Sparus aurata</i>) larvae. <i>Aquaculture</i> , 2006, 251, 491-508.	1.7	39

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37	Modelling the predictable effects of dietary lipid sources on the fillet fatty acid composition of one-year-old gilthead sea bream (<i>Sparus aurata</i> L.). <i>Food Chemistry</i> , 2011, 124, 538-544.	4.2	39
38	Enriched on-grown <i>Artemia metanauplii</i> actively metabolise highly unsaturated fatty acid-rich phospholipids. <i>Aquaculture</i> , 2013, 412-413, 173-178.	1.7	39
39	Fatty acid composition of coastal and inland <i>Artemia</i> sp. populations from Spain. <i>Aquaculture</i> , 1992, 102, 219-230.	1.7	38
40	Molecular cloning and functional characterization of a putative <i>elovl4</i> gene and its expression in response to dietary fatty acid profiles in orange-spotted grouper <i>Epinephelus coioides</i> . <i>Aquaculture Research</i> , 2017, 48, 537-552.	0.9	37
41	Effects of dietary lipid level on growth, fatty acid profiles, antioxidant capacity and expression of genes involved in lipid metabolism in juvenile swimming crab, <i>Portunus trituberculatus</i> . <i>British Journal of Nutrition</i> , 2020, 123, 149-160.	1.2	37
42	Title is missing!. <i>Aquaculture International</i> , 1997, 5, 509-516.	1.1	36
43	Molecular and functional characterisation of two <i>elovl4</i> elongases involved in the biosynthesis of very long-chain (> C24) polyunsaturated fatty acids in black seabream <i>Acanthopagrus schlegelii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 212, 41-50.	0.7	36
44	A study of the variations in lipid levels, lipid class composition and fatty acid composition in the first stages of <i>Artemia</i> sp.. <i>Marine Biology</i> , 1991, 111, 461-465.	0.7	35
45	Biosynthesis of Polyunsaturated Fatty Acids in <i>Octopus vulgaris</i> : Molecular Cloning and Functional Characterisation of a Stearoyl-CoA Desaturase and an Elongation of Very Long-Chain Fatty Acid 4 Protein. <i>Marine Drugs</i> , 2017, 15, 82.	2.2	35
46	The lipids of the cysts of freshwater- and marine-type <i>Artemia</i> . <i>Aquaculture</i> , 1993, 109, 327-336.	1.7	34
47	Bioaccumulation of Polycyclic Aromatic Hydrocarbons in Gilthead Sea Bream (<i>Sparus aurata</i> L.) Exposed to Long Term Feeding Trials with Different Experimental Diets. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 137-146.	2.1	34
48	Fatty acid composition of polar and neutral lipid fractions of <i>Octopus vulgaris</i> Cuvier, 1797 paralarvae reared with enriched on-grown <i>Artemia</i> . <i>Aquaculture Research</i> , 2011, 42, 704-709.	0.9	34
49	In vivo metabolism of unsaturated fatty acids in <i>Octopus vulgaris</i> hatchlings determined by incubation with ¹⁴ C-labelled fatty acids added directly to seawater as protein complexes. <i>Aquaculture</i> , 2014, 431, 28-33.	1.7	34
50	Behind melanocortin antagonist overexpression in the zebrafish brain: A behavioral and transcriptomic approach. <i>Hormones and Behavior</i> , 2016, 82, 87-100.	1.0	34
51	Behavioural differences in starving herring <i>Clupea harengus</i> L. larvae correlate with body levels of essential fatty acids. <i>Journal of Fish Biology</i> , 1992, 41, 509-513.	0.7	33
52	Investigating the essential fatty acids in the common cuttlefish <i>Sepia officinalis</i> (Mollusca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td elongase. <i>Aquaculture</i> , 2016, 450, 38-47.	1.7	33
53	Effects of diet on fatty acid composition of body zones in larvae of the sea bass <i>Dicentrarchus labrax</i> : a chemometric study. <i>Marine Biology</i> , 1995, 124, 177-183.	0.7	32
54	Differential metabolic and gene expression profile of juvenile common dentex (<i>Dentex dentex</i> L.) and gilthead sea bream (<i>Sparus aurata</i> L.) in relation to redox homeostasis. <i>Aquaculture</i> , 2007, 267, 213-224.	1.7	32

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55	Exposure to TBT increases accumulation of lipids and alters fatty acid homeostasis in the ramshorn snail <i>Marisa cornuarietis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 368-374.	1.3	31
56	Elongation of very Longâ€œChain (>C ²⁴) Fatty Acids in <i>Clarias gariepinus</i> : Cloning, Functional Characterization and Tissue Expression of <i>elovl4</i> Elongases. <i>Lipids</i> , 2017, 52, 837-848.	0.7	31
57	Metaâ€œanalysis approach to the effects of live prey on the growth of <i>Octopus vulgaris</i> paralarvae under culture conditions. <i>Reviews in Aquaculture</i> , 2018, 10, 3-14.	4.6	31
58	Effect of broodstock diet on the fecundity and biochemical composition of eggs of the Patagonian red octopus (<i>Enteroctopus megalocyathus</i> Gould 1852). <i>Ciencias Marinas</i> , 2011, 37, .	0.4	30
59	Acute Lethal Toxicity of the Organophosphorus Pesticide Chlorpyrifos to Different Species and Strains of <i>Artemia</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998, 61, 778-785.	1.3	29
60	Assessment of the efficacy of <i>Artemia</i> sp (Crustacea) cysts chorion as barrier to chlorpyrifos (organophosphorus pesticide) exposure. Effect on hatching and survival. <i>Science of the Total Environment</i> , 2006, 366, 148-153.	3.9	29
61	Enrichment of <i>Artemia</i> nauplii in vitamin A, vitamin C and methionine using liposomes. <i>Aquaculture</i> , 2007, 269, 504-513.	1.7	29
62	Enrichment of <i>Artemia</i> nauplii in PUFA, phospholipids, and water-soluble nutrients using liposomes. <i>Aquaculture International</i> , 2003, 11, 151-161.	1.1	28
63	Triphenyltin alters lipid homeostasis in females of the ramshorn snail <i>Marisa cornuarietis</i> . <i>Environmental Pollution</i> , 2009, 157, 1714-1720.	3.7	28
64	Fatty acid composition and age estimation of wild <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture</i> , 2016, 464, 564-569.	1.7	27
65	Effect of algal diets on the fatty acid composition of brine shrimp, <i>Artemia</i> sp., cysts. <i>Aquaculture</i> , 1992, 101, 223-227.	1.7	26
66	Effect of ivermectin on the liver of gilthead sea bream <i>Sparus aurata</i> : A proteomic approach. <i>Chemosphere</i> , 2010, 80, 570-577.	4.2	26
67	A complete enzymatic capacity for biosynthesis of docosahexaenoic acid (DHA, 22 : 6nâ€œ3) exists in the marine Harpacticoida copepod <i>Tigriopus californicus</i> . <i>Open Biology</i> , 2021, 11, 200402.	1.5	26
68	Further evidence and characterization of <i>Artemia franciscana</i> (Kellogg, 1906) populations in Argentina. <i>Journal of Biogeography</i> , 2004, 31, 1735-1749.	1.4	25
69	Aquatic pollution may favor the success of the invasive species <i>A. franciscana</i> . <i>Aquatic Toxicology</i> , 2015, 161, 208-220.	1.9	25
70	Unique fatty acid desaturase capacities uncovered in <i>Hediste diversicolor</i> illustrate the roles of aquatic invertebrates in trophic upgrading. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190654.	1.8	24
71	UV radiation and phosphorus interact to influence the biochemical composition of phytoplankton. <i>Freshwater Biology</i> , 2009, 54, 1233-1245.	1.2	23
72	Effects of fish oil replacement and re-feeding on the bioaccumulation of organochlorine compounds in gilthead sea bream (<i>Sparus aurata</i> L.) of market size. <i>Chemosphere</i> , 2009, 76, 811-817.	4.2	23

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73	Molecular and functional characterisation of a putative elovl4 gene and its expression in response to dietary fatty acid profile in Atlantic bluefin tuna (<i>Thunnus thynnus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 240, 110372.	0.7	22
74	Deficit of didocosahexaenoyl phospholipid in the eyes of larval sea bass fed an essential fatty acid deficient diet. <i>Journal of Fish Biology</i> , 1996, 49, 941-952.	0.7	21
75	Preliminary characterization of some Argentinean <i>Artemia</i> populations from La Pampa and Buenos Aires provinces. <i>International Journal of Salt Lake Research</i> , 1999, 8, 329-340.	0.1	21
76	Prediction of fillet fatty acid composition of market-size gilthead sea bream (<i>Sparus aurata</i>) using a regression modelling approach. <i>Aquaculture</i> , 2011, 319, 81-88.	1.7	21
77	Effect of sublethal concentrations of copper sulphate on seabream (<i>Sparus aurata</i>) fingerlings. <i>Aquatic Living Resources</i> , 2007, 20, 263-270.	0.5	20
78	Biosynthesis of long-chain polyunsaturated fatty acids in the razor clam <i>Sinonovacula constricta</i> : Characterization of four fatty acyl elongases and a novel desaturase capacity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1083-1090.	1.2	20
79	Toxicity and Bioconcentration of Chlorpyrifos in Aquatic Organisms: <i>Artemia parthenogenetica</i> (Crustacea), <i>Gambusia affinis</i> , and <i>Aphanius iberus</i> (Pisces). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2000, 65, 623-630.	1.3	19
80	Oxidative stability and changes in the particle size of liposomes used in the <i>Artemia</i> enrichment. <i>Aquaculture</i> , 2007, 266, 200-210.	1.7	19
81	Dietary Effect on the Proteome of the Common Octopus (<i>Octopus vulgaris</i>) Paralarvae. <i>Frontiers in Physiology</i> , 2017, 8, 309.	1.3	19
82	Title is missing!. <i>International Journal of Salt Lake Research</i> , 1999, 8, 329-340.	0.1	18
83	Does exposure to testosterone significantly alter endogenous metabolism in the marine mussel <i>Mytilus galloprovincialis</i> ?. <i>Aquatic Toxicology</i> , 2010, 100, 313-320.	1.9	18
84	Identification of very long-chain (>C24) fatty acid methyl esters using gas chromatography coupled to quadrupole/time-of-flight mass spectrometry with atmospheric pressure chemical ionization source. <i>Analytica Chimica Acta</i> , 2019, 1051, 103-109.	2.6	18
85	Fatty acids of wild and cultured <i>Penaeus vannamei</i> larvae from Ecuador. <i>Aquaculture</i> , 1996, 142, 259-268.	1.7	17
86	Proteomic evaluation of potentiated sulfa treatment on gilthead sea bream (<i>Sparus aurata</i> L.) liver. <i>Aquaculture</i> , 2013, 376-379, 36-44.	1.7	17
87	Assessment of stress and nutritional biomarkers in cultured <i>Octopus vulgaris</i> paralarvae: Effects of geographical origin and dietary regime. <i>Aquaculture</i> , 2017, 468, 558-568.	1.7	17
88	Methyl-end desaturases with Δ^{12} and Δ^3 regioselectivities enable the de novo PUFA biosynthesis in the cephalopod <i>Octopus vulgaris</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1134-1144.	1.2	17
89	Comparative study on fatty acid metabolism of early stages of two crustacean species: <i>Artemia</i> sp. <i>metanauplii</i> and <i>Grapsus adscensionis</i> zoeae, as live prey for marine animals. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 204, 53-60.	0.7	16
90	Cloning and functional characterization of an elovl4-like gene involved in the biosynthesis of long-chain polyunsaturated fatty acids in the swimming crab <i>Portunus trituberculatus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 242, 110408.	0.7	16

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91	Application of soya phosphatidylcholine in tuna orbital oil enrichment emulsions for Artemia. <i>Aquaculture International</i> , 1997, 5, 517-526.	1.1	15
92	Molecular and Functional Characterization of Elovl4 Genes in <i>Sparus aurata</i> and <i>Solea senegalensis</i> Pointing to a Critical Role in Very Long-Chain (>C24) Fatty Acid Synthesis during Early Neural Development of Fish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3514.	1.8	15
93	Expression of genes related to long-chain (C18-22) and very long-chain (>C24) fatty acid biosynthesis in gilthead seabream (<i>Sparus aurata</i>) and Senegalese sole (<i>Solea senegalensis</i>) larvae: investigating early ontogeny and nutritional regulation. <i>Aquaculture</i> , 2020, 520, 734949.	1.7	15
94	Life history and fatty acid composition of the marine rotifer <i>Synchaeta cecilia valentina</i> fed different algae. <i>Marine Ecology - Progress Series</i> , 2000, 193, 125-133.	0.9	15
95	Diversity of the fatty acid composition of <i>Artemia</i> spp. cysts from Argentinean populations. <i>Marine Ecology - Progress Series</i> , 2007, 335, 155-165.	0.9	15
96	Effects of temperature and oxygen tension on oxygen consumption rates of nauplii of different <i>Artemia</i> strains. <i>Marine Ecology - Progress Series</i> , 1991, 76, 25-31.	0.9	14
97	Effect of alternate feeding with a poor long-chain polyunsaturated fatty acid <i>Artemia</i> strain and a rich one for sea bass (<i>Dicentrarchus labrax</i>) and prawn (<i>Penaeus kerathurus</i>) larvae. <i>Aquaculture</i> , 1988, 74, 307-317.	1.7	13
98	Lipid composition of cysts of the brine shrimp <i>Artemia</i> sp. from Spanish populations. <i>Journal of Experimental Marine Biology and Ecology</i> , 1992, 155, 123-131.	0.7	13
99	Effect of parasitism on respiration rates of adults of different <i>Artemia</i> strains from Spain. <i>Parasitology Research</i> , 2000, 86, 772-774.	0.6	13
100	A comparative study of the fatty acid profile of <i>Artemia franciscana</i> and <i>A. persimilis</i> cultured at mesocosm scale. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 354, 9-16.	0.7	13
101	Observations on feeding and biochemical characteristics to improve larviculture of <i>Robsonella fontaniana</i> (Cephalopoda: Octopodidae). <i>Aquaculture</i> , 2011, 315, 121-124.	1.7	13
102	Characterization of the organic contamination pattern of a hyper-saline ecosystem by rapid screening using gas chromatography coupled to high-resolution time-of-flight mass spectrometry. <i>Science of the Total Environment</i> , 2012, 433, 161-168.	3.9	13
103	Early life stage bottlenecks of carnivorous molluscs under captivity: a challenge for their farming and contribution to seafood production. <i>Reviews in Aquaculture</i> , 2019, 11, 431-457.	4.6	13
104	Molecular cloning, functional characterization and nutritional regulation of two elovl4b elongases from rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2019, 511, 734221.	1.7	12
105	Identification of new, very long-chain polyunsaturated fatty acids in fish by gas chromatography coupled to quadrupole/time-of-flight mass spectrometry with atmospheric pressure chemical ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1039-1046.	1.9	12
106	Utilisation of <i>Artemia</i> cysts in marine larvae cultures: A model of quality evaluation. <i>Aquacultural Engineering</i> , 1989, 8, 127-138.	1.4	11
107	Effects of dietary sunflower oil on growth parameters, fatty acid profiles and expression of genes regulating growth and metabolism in the pejerrey (<i>Odontesthes bonariensis</i>) fry. <i>Aquaculture Nutrition</i> , 2018, 24, 748-757.	1.1	11
108	Effects of ibuprofen and carbamazepine on the ion transport system and fatty acid metabolism of temperature conditioned juveniles of <i>Solea senegalensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 693-701.	2.9	11

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109	Biosynthesis of Long-Chain Polyunsaturated Fatty Acids in Marine Gammarids: Molecular Cloning and Functional Characterisation of Three Fatty Acyl Elongases. <i>Marine Drugs</i> , 2021, 19, 226.	2.2	11
110	Effect of temperature on permeability and drinking rates of the metanauplii of the brine shrimp <i>Artemia</i> sp.. <i>Marine Biology</i> , 1993, 116, 247-250.	0.7	10
111	Dummy regression analysis for modelling the nutritionally tailored fillet fatty acid composition of turbot and sole using gilthead sea bream as a reference subgroup category. <i>Aquaculture Nutrition</i> , 2014, 20, 421-430.	1.1	10
112	Nutritional regulation of genes responsible for long-chain (C20-24) and very long-chain (>C24) polyunsaturated fatty acid biosynthesis in post-larvae of gilthead seabream (<i>Sparus aurata</i>) and Senegalese sole (<i>Solea senegalensis</i>). <i>Aquaculture</i> , 2020, 525, 735314.	1.7	10
113	Effects of two <i>Artemia</i> diets with different contents of polyunsaturated fatty acids on the lipid		

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127	Metabolic and molecular evidence for long-chain PUFA biosynthesis capacity in the grass carp <i>Ctenopharyngodon idella</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 270, 111232.	0.8	5
128	Characterizing bisexual <i>Artemia</i> populations by isoelectric focusing. <i>Hydrobiologia</i> , 1991, 212, 181-185.	1.0	4
129	Isolation and functional characterisation of a stearyl-CoA desaturase from the marine invertebrate <i>Octopus vulgaris</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, S46-S47.	0.8	3
130	Lipid and fatty acid variations in muscle tissues of the "yellow"™ stage of the European eel (<i>Anguilla</i>) Tj ETQq0 0 0 rgBT /Overlock 10 and <i>Freshwater Behaviour and Physiology</i> , 2013, 45, 385-395.	0.4	3
131	Mobilisation and dynamics of energy reserves in different tissues of <i>Donax trunculus</i> (Bivalvia): Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Science</i> , 2021, 43, 119-133.	0.4	3
132	Determination of very long-chain polyunsaturated fatty acids from 24 to 44 carbons in eye, brain and gonads of wild and cultured gilthead sea bream (<i>Sparus aurata</i>). <i>Scientific Reports</i> , 2022, 12, .	1.6	3
133	Response to Comment on "Biomagnification Study on Organochlorine Compounds in Marine Aquaculture: The Sea Bass (<i>Dicentrarchus labrax</i>) as a Model". <i>Environmental Science & Technology</i> , 2004, 38, 1263-1263.	4.6	2
134	Induction of maturation and spermiation in the male European eel: assessment of sperm quality throughout treatment. <i>Journal of Fish Biology</i> , 2000, 57, 1488-1504.	0.7	2
135	Dietary protein:lipid ratio modulates somatic growth and expression of genes involved in somatic growth, lipid metabolism and food intake in Pejerrey fry (<i>Odontesthes bonariensis</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 270, 111231.	0.8	1
136	Dietary lipids as modulators of fatty acid profile and gene expression patterns on body compartments of <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture</i> , 2022, 556, 738293.	1.7	0