

# Lidia Ester Robaina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9506813/publications.pdf>

Version: 2024-02-01

75  
papers

5,578  
citations

87723

38  
h-index

76769

74  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Title is missing!. Fish Physiology and Biochemistry, 1999, 20, 53-60.	0.9	375
2	Alterations in fillet fatty acid profile and flesh quality in gilthead seabream ( <i>Sparus aurata</i> ) fed vegetable oils for a long term period. Recovery of fatty acid profiles by fish oil feeding. Aquaculture, 2005, 250, 431-444.	1.7	362
3	Dietary lipid sources for seabream and seabass: growth performance, tissue composition and flesh quality. Aquaculture Nutrition, 2003, 9, 397-407.	1.1	326
4	Immune stimulation and improved infection resistance in European sea bass ( <i>Dicentrarchus labrax</i> ) fed mannan oligosaccharides. Fish and Shellfish Immunology, 2007, 23, 969-981.	1.6	287
5	Vegetable lipid sources for gilthead seabream ( <i>Sparus aurata</i> ): effects on fish health. Aquaculture, 2003, 225, 353-370.	1.7	265
6	Soybean and lupin seed meals as protein sources in diets for gilthead seabream ( <i>Sparus aurata</i> ): nutritional and histological implications. Aquaculture, 1995, 130, 219-233.	1.7	252
7	Effect of n <sup>3</sup> HUFA level in broodstock diets on egg quality of gilthead sea bream ( <i>Sparus aurata</i> L.). Aquaculture, 1995, 132, 325-337.	1.7	229
8	Growth, feed utilization and flesh quality of European sea bass ( <i>Dicentrarchus labrax</i> ) fed diets containing vegetable oils: A time-course study on the effect of a re-feeding period with a 100% fish oil diet. Aquaculture, 2005, 248, 121-134.	1.7	210
9	Adaptation of lipid metabolism, tissue composition and flesh quality in gilthead sea bream ( <i>Sparus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3 Nutrition, 2004, 92, 41-52.	1.2	186
10	Effect of different carotenoid sources and their dietary levels on red porgy ( <i>Pagrus pagrus</i> ) growth and skin colour. Aquaculture, 2005, 244, 223-231.	1.7	142
11	Effect of vitamin E and C dietary supplementation on some immune parameters of gilthead seabream ( <i>Sparus aurata</i> ) juveniles subjected to crowding stress. Aquaculture, 1999, 171, 269-278.	1.7	137
12	Corn gluten and meat and bone meals as protein sources in diets for gilthead seabream ( <i>Sparus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.7	136
13	Title is missing!. Fish Physiology and Biochemistry, 1998, 18, 399-407.	0.9	135
14	Fish Welfare in Aquaponic Systems: Its Relation to Water Quality with an Emphasis on Feed and Faeces—A Review. Water (Switzerland), 2017, 9, 13.	1.2	133
15	Low vitamin E in diet reduces stress resistance of gilthead seabream ( <i>Sparus aurata</i> ) juveniles. Fish and Shellfish Immunology, 2001, 11, 473-490.	1.6	112
16	Effect of fishmeal and fish oil replacement by vegetable meals and oils on gut health of European sea bass ( <i>Dicentrarchus labrax</i> ). Aquaculture, 2017, 468, 386-398.	1.7	111
17	Protein Sparing Effect of Lipids in Diets for Fingerlings of Gilthead Sea Bream. Fisheries Science, 1996, 62, 624-628.	0.7	106
18	The effect of dietary protein and lipid from squid and fish meals on egg quality of broodstock for gilthead seabream ( <i>Sparus aurata</i> ). Aquaculture, 1997, 148, 233-246.	1.7	102

#	ARTICLE	IF	CITATIONS
19	Growth, feed utilization and body lipid content of gilthead seabream ( <i>Sparus aurata</i> ) fed increasing lipid levels and fish meals of different quality. <i>Aquaculture</i> , 1999, 179, 35-44.	1.7	99
20	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 2000, 22, 159-163.	0.9	95
21	Two microalgae <i>Cryptothecodinium cohnii</i> and <i>Phaeodactylum tricornutum</i> as alternative source of essential fatty acids in starter feeds for seabream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , 2007, 270, 178-185.	1.7	95
22	Effect of dietary lipids on plasma fatty acid profiles and prostaglandin and leptin production in gilthead seabream ( <i>Sparus aurata</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 410-418.	0.7	91
23	Regulation of growth, fatty acid composition and delta 6 desaturase expression by dietary lipids in gilthead seabream larvae ( <i>Sparus aurata</i> ). <i>Fish Physiology and Biochemistry</i> , 2008, 34, 117-127.	0.9	89
24	Effects of dietary concentrated mannan oligosaccharides supplementation on growth, gut mucosal immune system and liver lipid metabolism of European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Fish and Shellfish Immunology</i> , 2015, 42, 508-516.	1.6	86
25	The Effects of Varying Dietary Protein Level on the Growth, Feed Efficiency, Protein Utilization and Body Composition of Gilthead Sea Bream Fry. <i>Fisheries Science</i> , 1996, 62, 620-623.	0.7	74
26	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 2001, 24, 63-72.	0.9	73
27	Increase of the dietary n <sup>3</sup> /n <sup>6</sup> fatty acid ratio and addition of phosphorus improves liver histological alterations induced by feeding diets containing soybean meal to gilthead seabream, <i>Sparus aurata</i> . <i>Aquaculture</i> , 1998, 161, 281-293.	1.7	72
28	Digestibility, postprandial ammonia excretion and selected plasma metabolites in European sea bass ( <i>Dicentrarchus labrax</i> ) fed pelleted or extruded diets with or without wheat gluten. <i>Aquaculture</i> , 1999, 179, 45-56.	1.7	67
29	Combined replacement of fishmeal and fish oil in European sea bass ( <i>Dicentrarchus labrax</i> ): Production performance, tissue composition and liver morphology. <i>Aquaculture</i> , 2017, 474, 101-112.	1.7	65
30	Glomerulonephritis and immunosuppression associated with dietary essential fatty acid deficiency in gilthead sea bream, <i>Sparus aurata</i> L., juveniles. <i>Journal of Fish Diseases</i> , 2004, 27, 297-306.	0.9	61
31	Consistency of stress response to repeated handling in the gilthead sea bream <i>Sparus aurata</i> Linnaeus, 1758. <i>Aquaculture Research</i> , 2001, 32, 593-598.	0.9	60
32	PepT1 mRNA expression levels in sea bream ( <i>Sparus aurata</i> ) fed different plant protein sources. <i>SpringerPlus</i> , 2013, 2, 17.	1.2	59
33	Effects of different dietary selenium sources on growth performance, liver and muscle composition, antioxidant status, stress response and expression of related genes in gilthead seabream ( <i>Sparus</i> ) <i>Tj ETQq1 1 0.7843714 rgBT5@overlo</i>		
34	Influence of fish meal quality and feed pellet on growth, feed efficiency and muscle composition in gilthead seabream ( <i>sparus aurata</i> ). <i>Aquaculture</i> , 1997, 153, 251-261.	1.7	55
35	Dietary supplementation time with shrimp shell meal on red porgy ( <i>Pagrus pagrus</i> ) skin colour and carotenoid concentration. <i>Aquaculture</i> , 2007, 272, 451-457.	1.7	55
36	Parental nutritional programming and a reminder during juvenile stage affect growth, lipid metabolism and utilisation in later developmental stages of a marine teleost, the gilthead sea bream ( <i>Sparus aurata</i> ). <i>British Journal of Nutrition</i> , 2017, 118, 500-512.	1.2	45

#	ARTICLE	IF	CITATIONS
37	Vegetable lipid sources in vitro biosynthesis of triacylglycerols and phospholipids in the intestine of sea bream ( <i>Sparus aurata</i> ). <i>British Journal of Nutrition</i> , 2006, 95, 448-454.	1.2	43
38	Effect of dietary astaxanthin on the growth performance, lipid composition and post-mortem skin colouration of red porgy <i>Pagrus pagrus</i> . <i>Aquaculture International</i> , 2011, 19, 811-823.	1.1	41
39	Supplementation of arachidonic acid rich oil in European sea bass juveniles ( <i>Dicentrarchus labrax</i> ) diets: effects on growth performance, tissue fatty acid profile and lipid metabolism. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 283-300.	0.9	38
40	Effect of different dietary vitamin E levels on growth, fish composition, fillet quality and liver histology of meagre ( <i>Argyrosomus regius</i> ). <i>Aquaculture</i> , 2017, 468, 175-183.	1.7	37
41	Disease resistance and response against <i>Vibrio anguillarum</i> intestinal infection in European seabass ( <i>Dicentrarchus labrax</i> ) fed diets with different levels of vitamin E. <i>Aquaculture</i> , 2017, 468, 302-311.	1.6	36
42	Effect of temperature on growth performance of greater amberjack ( <i>Seriola dumerili</i> ) fed diets with different levels of vitamin E. <i>Aquaculture</i> , 2017, 468, 312-321.	1.6	32
43	Potential of three new krill products for seabream larval production. <i>Aquaculture Research</i> , 2012, 43, 395-406.	0.9	27
44	Vegetable oils affect the composition of lipoproteins in sea bream ( <i>Sparus aurata</i> ). <i>British Journal of Nutrition</i> , 2006, 96, 830-839.	1.2	26
45	Reproductive performance of gilthead seabream ( <i>Sparus aurata</i> L., 1758) fed two combined levels of carotenoids from paprika oleoresin and essential fatty acids. <i>Aquaculture Nutrition</i> , 2011, 17, 304-312.	1.1	25
46	Supplementation of arachidonic acid rich oil in European sea bass juveniles ( <i>Dicentrarchus labrax</i> ) diets: Effects on leucocytes and plasma fatty acid profiles, selected immune parameters and circulating prostaglandins levels. <i>Fish and Shellfish Immunology</i> , 2017, 64, 437-445.	1.6	25
47	Inorganic, organic, and encapsulated minerals in vegetable meal based diets for <i>Sparus aurata</i> (Linnaeus, 1758). <i>PeerJ</i> , 2017, 5, e3710.	0.9	24
48	Optimum selenium levels in diets high in plant-based feedstuffs for gilthead sea bream ( <i>Sparus aurata</i> ) fed diets with different levels of vitamin E. <i>Aquaculture</i> , 2017, 468, 241-250.	1.1	24
49	Effect of dietary substitution of fish meal for marine crab and echinoderm meals on growth performance, ammonia excretion, skin colour, and flesh quality and oxidation of red porgy ( <i>Pagrus pagrus</i> ) fed diets with different levels of vitamin E. <i>Aquaculture</i> , 2017, 468, 251-260.	1.1	24
50	Marine and freshwater crab meals in diets for red porgy ( <i>Pagrus pagrus</i> ): Effect on fillet fatty acid profile and flesh quality parameters. <i>Aquaculture</i> , 2014, 420-421, 231-239.	1.7	22
51	Dietary combination of vitamin E, C and K affects growth, antioxidant activity, and the incidence of systemic granulomatosis in meagre ( <i>Argyrosomus regius</i> ). <i>Aquaculture</i> , 2019, 498, 606-620.	1.7	22
52	Marine and freshwater crab meals in diets for red porgy ( <i>Pagrus pagrus</i> ): effect on growth, fish composition and skin colour. <i>Aquaculture Research</i> , 2010, 41, 1759-1769.	0.9	19
53	Effects of different dietary protein and lipid levels on growth, feed utilization and body composition of red porgy ( <i>Pagrus pagrus</i> ) fingerlings. <i>Aquaculture Nutrition</i> , 2007, 14, 071106215141005-???	1.1	18
54	Effect of conjugated linoleic acid on dietary lipids utilization, liver morphology and selected immune parameters in sea bass juveniles ( <i>Dicentrarchus labrax</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 154, 179-187.	0.7	17

#	ARTICLE	IF	CITATIONS
55	Effects of zinc and manganese sources on gilthead seabream ( <i>Sparus aurata</i> ) fingerlings. <i>Aquaculture</i> , 2019, 505, 386-392.	1.7	17
56	A potential of banana flower and pseudo-custem as novel ingredients rich in phenolic compounds. <i>International Journal of Food Science and Technology</i> , 2021, 56, 5601-5608.	1.3	17
57	Effects of the diet on seahorse ( <i>Hippocampus hippocampus</i> ) growth, body colour and biochemical composition. <i>Aquaculture Nutrition</i> , 2015, 21, 807-813.	1.1	13
58	Influence of Dietary Astaxanthin on the Hepatic Oxidative Stress Response Caused by Episodic Hypoxia in Rainbow Trout. <i>Antioxidants</i> , 2019, 8, 626.	2.2	13
59	Fish Diets in Aquaponics. , 2019, , 333-352.		12
60	Reduction of persistent and semi-persistent organic pollutants in fillets of farmed European seabass ( <i>Dicentrarchus labrax</i> ) fed low fish oil diets. <i>Science of the Total Environment</i> , 2018, 643, 1239-1247.	3.9	11
61	Dietary manganese levels for gilthead sea bream ( <i>Sparus aurata</i> ) fingerlings fed diets high in plant ingredients. <i>Aquaculture</i> , 2020, 529, 735614.	1.7	10
62	First development of various vegetable-based diets and their suitability for abalone <i>Haliotis tuberculata coccinea</i> Reeve. <i>Aquaculture</i> , 2015, 448, 350-358.	1.7	9
63	Essential fatty acid deficiency increases hepatic non-infectious granulomatosis incidence in meagre ( <i>Argyrosomus regius</i> , Asso 1801) fingerlings. <i>Aquaculture</i> , 2019, 505, 393-404.	1.7	9
64	Effect of dietary canthaxanthin on the growth and lipid composition of red porgy ( <i>Pagrus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.9	8
65	Effects of copper levels in diets high in plant ingredients on gilthead sea bream ( <i>Sparus aurata</i> ) fingerlings. <i>Aquaculture</i> , 2019, 507, 466-474.	1.7	8
66	Skin Mucus Fatty Acid Composition of Gilthead Sea Bream ( <i>Sparus Aurata</i> ): A Descriptive Study in Fish Fed Low and High Fish Meal Diets. <i>Fishes</i> , 2019, 4, 15.	0.7	8
67	Parental LC-PUFA biosynthesis capacity and nutritional intervention with ALA affect performance of <i>Sparus aurata</i> progeny. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	7
68	Organic Selenium (OH-MetSe) Effect on Whole Body Fatty Acids and Mx Gene Expression against Viral Infection in Gilthead Seabream ( <i>Sparus aurata</i> ) Juveniles. <i>Animals</i> , 2021, 11, 2877.	1.0	7
69	Differences in interrenal tissue, biosynthetic capacity and ACTH sensitivity in progeny of sea bream from parents selected for high or low cortisol response. <i>Journal of Fish Biology</i> , 2003, 62, 744-748.	0.7	6
70	Effect of the diet on lipid composition and liver histology of short snout seahorse <i>Hippocampus hippocampus</i> . <i>Aquaculture Nutrition</i> , 2016, 22, 1312-1319.	1.1	6
71	Marine and freshwater crab meals in diets for red porgy ( <i>Pagrus pagrus</i> ): Digestibility, ammonia-N excretion, phosphorous and calcium retention. <i>Aquaculture</i> , 2014, 428-429, 158-165.	1.7	5
72	Optimization of banana crop by-products solvent extraction for the production of bioactive compounds. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7701-7712.	2.9	4

#	ARTICLE	IF	CITATIONS
73	Evaluation of Aloe vera by-product against cereals in feeds for golden mullet ( <i>Liza aurata</i> ). <i>Aquaculture Reports</i> , 2021, 20, 100659.	0.7	3
74	Effects of graded levels of minerals in a multi-nutrient package on Gilthead sea bream ( <i>Sparus aurata</i> ) fed a plant-based diet. <i>Aquaculture Nutrition</i> , 2020, 26, 1007-1018.	1.1	2
75	Histochemical study of the intestinal absorption, liver and lens effect with zinc-supplemented diets for gilthead seabream. <i>Aquaculture Nutrition</i> , 2019, 25, 66-77.	1.1	1