

# Sofã-a Ad Engrola

## List of Publications by Year in descending order

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74  
papers

1,884  
citations

236833

25  
h-index

289141

40  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic and nutritional responses of Nile tilapia juveniles to dietary methionine sources. <i>British Journal of Nutrition</i> , 2022, 127, 202-213.	1.2	12
2	Type of hormonal treatment administered to induce vitellogenesis in European eel influences biochemical composition of eggs and yolk-sac larvae. <i>Fish Physiology and Biochemistry</i> , 2022, 48, 185-200.	0.9	4
3	Effects of dietary curcumin in growth performance, oxidative status and gut morphometry and function of gilthead seabream postlarvae. <i>Aquaculture Reports</i> , 2022, 24, 101128.	0.7	5
4	Alternative Proteins for Fish Diets: Implications beyond Growth. <i>Animals</i> , 2022, 12, 1211.	1.0	38
5	Amino Acid Metabolism in Gilthead Seabream Is Affected by the Dietary Protein to Energy Ratios. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-10.	1.1	3
6	Transition from endogenous to exogenous feeding in hatchery-cultured European eel larvae. <i>Aquaculture Reports</i> , 2022, 24, 101159.	0.7	6
7	Metabolic Fate Is Defined by Amino Acid Nature in Gilthead Seabream Fed Different Diet Formulations. <i>Animals</i> , 2022, 12, 1713.	1.0	4
8	Modulation of dietary protein to lipid ratios for gilthead seabream on-growing during summer temperature conditions. <i>Aquaculture Reports</i> , 2022, 25, 101262.	0.7	2
9	Health status in gilthead seabream ( <i>Sparus aurata</i> ) juveniles fed diets devoid of fishmeal and supplemented with <i>Phaeodactylum tricornutum</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 979-996.	1.5	10
10	Characterization and comparison of the digestive physiology of two scombrids, <i>Katsuwonus pelamis</i> and <i>Sarda sarda</i> , in the Gulf of Cádiz. <i>PLoS ONE</i> , 2021, 16, e0249541.	1.1	2
11	Egg nutritional modulation with amino acids improved performance in zebrafish larvae. <i>PLoS ONE</i> , 2021, 16, e0248356.	1.1	1
12	Dietary Natural Plant Extracts Can Promote Growth and Modulate Oxidative Status of Senegalese Sole Postlarvae under Standard/Challenge Conditions. <i>Animals</i> , 2021, 11, 1398.	1.0	3
13	A nutritional strategy to promote gilthead seabream performance under low temperatures. <i>Aquaculture</i> , 2021, 537, 736494.	1.7	7
14	Dietary Curcumin Promotes Gilthead Seabream Larvae Digestive Capacity and Modulates Oxidative Status. <i>Animals</i> , 2021, 11, 1667.	1.0	10
15	The effect of tank cover on welfare of farmed Nile tilapia. <i>Applied Animal Behaviour Science</i> , 2021, 241, 105396.	0.8	6
16	Microalgae as feed ingredients for livestock production and aquaculture. , 2021, , 239-312.		13
17	Exploring the Biotechnological Value of Marine Invertebrates: A Closer Look at the Biochemical and Antioxidant Properties of <i>Sabella spallanzanii</i> and <i>Microcosmus squamiger</i> . <i>Animals</i> , 2021, 11, 3557.	1.0	4
18	Optimizing diets to decrease environmental impact of Nile tilapia ( <i>Oreochromis niloticus</i> ) production. <i>Aquaculture Nutrition</i> , 2020, 26, 422-431.	1.1	20

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19	Dietary Antioxidant Supplementation Promotes Growth in Senegalese Sole Postlarvae. <i>Frontiers in Physiology</i> , 2020, 11, 580600.	1.3	9
20	Dietary methionine supplementation improves the European seabass ( <i>Dicentrarchus labrax</i> ) immune status following long-term feeding on fishmeal-free diets. <i>British Journal of Nutrition</i> , 2020, 124, 890-902.	1.2	14
21	How tryptophan levels in plant-based aquafeeds affect fish physiology, metabolism and proteome. <i>Journal of Proteomics</i> , 2020, 221, 103782.	1.2	30
22	Improving growth potential in Senegalese sole ( <i>Solea senegalensis</i> ) through dietary protein. <i>Aquaculture</i> , 2019, 498, 90-99.	1.7	11
23	Dietary tryptophan supplementation induces a transient immune enhancement of gilthead seabream ( <i>Sparus aurata</i> ) juveniles fed fishmeal-free diets. <i>Fish and Shellfish Immunology</i> , 2019, 93, 240-250.	1.6	11
24	The role of dietary methionine concentrations on growth, metabolism and N-retention in cobia ( <i>Rachycentron canadum</i> ) at elevated water temperatures. <i>Aquaculture Nutrition</i> , 2019, 25, 495-507.	1.1	24
25	Effect of increased rearing temperature on digestive function in cobia early juvenile. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 230, 71-80.	0.8	28
26	Does a ghrelin stimulus during zebrafish embryonic stage modulate its performance on the long-term?. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 228, 1-8.	0.8	4
27	Larval Production Techniques. , 2019, , 263-275.		1
28	Larval dietary protein complexity affects the regulation of muscle growth and the expression of DNA methyltransferases in Senegalese sole. <i>Aquaculture</i> , 2018, 491, 28-38.	1.7	19
29	Daily nutrient utilization and swimming activity patterns in Senegalese sole ( <i>Solea senegalensis</i> ) post-larvae. <i>Aquaculture</i> , 2018, 492, 164-169.	1.7	5
30	Nutritional Modulation of Marine Fish Larvae Performance. , 2018, , 209-228.		10
31	Daily dynamic of digestive processes in Senegalese sole ( <i>Solea senegalensis</i> ) larvae and post-larvae. <i>Aquaculture</i> , 2018, 493, 100-106.	1.7	7
32	Towards an early weaning in Senegalese sole: A historical review. <i>Aquaculture</i> , 2018, 496, 1-9.	1.7	28
33	Daily feeding and protein metabolism rhythms in Senegalese sole post-larvae. <i>Biology Open</i> , 2017, 6, 77-82.	0.6	8
34	Improvement of the cryopreservation protocols for the dusky grouper, <i>Epinephelus marginatus</i> . <i>Aquaculture</i> , 2017, 470, 207-213.	1.7	11
35	Partition and metabolic fate of dietary glycerol in muscles and liver of juvenile tilapia. <i>Archives of Animal Nutrition</i> , 2017, 71, 165-174.	0.9	14
36	Dietary protein complexity modulates growth, protein utilisation and the expression of protein digestion-related genes in Senegalese sole larvae. <i>Aquaculture</i> , 2017, 479, 273-284.	1.7	18

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37	Chrelin in Senegalese sole ( <i>Solea senegalensis</i> ) post-larvae: Paracrine effects on food intake. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 204, 85-92.	0.8	11
38	The supplementation of a microdiet with crystalline indispensable amino-acids affects muscle growth and the expression pattern of related genes in Senegalese sole ( <i>Solea senegalensis</i> ) larvae. <i>Aquaculture</i> , 2016, 458, 158-169.	1.7	18
39	Dietary indispensable amino acids profile affects protein utilization and growth of Senegalese sole larvae. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1493-1508.	0.9	9
40	Dietary glucose stimulus at larval stage modifies the carbohydrate metabolic pathway in gilthead seabream ( <i>Sparus aurata</i> ) juveniles: An in vivo approach using <sup>14</sup> C-starch. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 201, 189-199.	0.8	33
41	Can Senegalese sole post-larvae effectively grow on low dietary DHA and lipid levels during weaning?. <i>Aquaculture</i> , 2016, 463, 234-240.	1.7	10
42	New developments and biological insights into the farming of <i>Solea senegalensis</i> reinforcing its aquaculture potential. <i>Reviews in Aquaculture</i> , 2016, 8, 227-263.	4.6	86
43	High-glucose feeding of gilthead seabream ( <i>Sparus aurata</i> ) larvae: Effects on molecular and metabolic pathways. <i>Aquaculture</i> , 2016, 451, 241-253.	1.7	35
44	Assessment of protein digestive capacity and metabolic utilisation during ontogeny of Senegalese sole larvae: A tracer study using in vivo produced radiolabelled polypeptide fractions. <i>Aquaculture</i> , 2015, 441, 35-44.	1.7	14
45	Glucose metabolism and gene expression in juvenile zebrafish ( <i>Danio rerio</i> ) challenged with a high carbohydrate diet: effects of an acute glucose stimulus during late embryonic life. <i>British Journal of Nutrition</i> , 2015, 113, 403-413.	1.2	52
46	Glucose overload in yolk has little effects on the long term modulation of carbohydrate metabolic genes in zebrafish ( <i>Danio rerio</i> ). <i>Journal of Experimental Biology</i> , 2014, 217, 1139-49.	0.8	37
47	Effect of varying dietary levels of LC-PUFA and vegetable oil sources on performance and fatty acids of Senegalese sole post larvae: Puzzling results suggest complete biosynthesis pathway from C18 PUFA to DHA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 167, 51-58.	0.7	34
48	Thermal plasticity of the miRNA transcriptome during Senegalese sole development. <i>BMC Genomics</i> , 2014, 15, 525.	1.2	58
49	Molecular regulation of muscle development and growth in Senegalese sole larvae exposed to temperature fluctuations. <i>Aquaculture</i> , 2014, 432, 418-425.	1.7	9
50	Thermal conditions during larval pelagic phase influence subsequent somatic growth of Senegalese sole by modulating gene expression and muscle growth dynamics. <i>Aquaculture</i> , 2013, 414-415, 46-55.	1.7	20
51	What determines growth potential and juvenile quality of farmed fish species?. <i>Reviews in Aquaculture</i> , 2013, 5, S168.	4.6	147
52	Incubation temperature induces changes in muscle cellularity and gene expression in Senegalese sole ( <i>Solea senegalensis</i> ). <i>Gene</i> , 2013, 516, 209-217.	1.0	58
53	Rearing temperature affects Senegalese sole ( <i>Solea senegalensis</i> ) larvae protein metabolic capacity. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1485-1496.	0.9	13
54	Temperature affects methylation of the <i>myogenin</i> putative promoter, its expression and muscle cellularity in Senegalese sole larvae. <i>Epigenetics</i> , 2013, 8, 389-397.	1.3	82

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55	Linking weaning success to larval digestive capacity using radiolabelled peptide fractions. Communications in Agricultural and Applied Biological Sciences, 2013, 78, 115-8.	0.0	1
56	Assessment of protein digestive capacity and utilisation during ontogeny of Senegalese sole larvae: a tracer study using in vivo produced radiolabelled peptide fractions. Communications in Agricultural and Applied Biological Sciences, 2013, 78, 396-7.	0.0	2
57	Optimization of monoclonal production of the glass anemone <i>Aiptasia pallida</i> (Agassiz in Verrill). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 503	1.7	31
58	Daily oxygen consumption rhythms of Senegalese sole <i>solea senegalensis</i> (Kaup, 1858) juveniles. Journal of Experimental Marine Biology and Ecology, 2011, 407, 1-5.	0.7	12
59	Individual differences in metabolism predict coping styles in fish. Applied Animal Behaviour Science, 2011, 130, 135-143.	0.8	75
60	Cortisol response to air exposure in <i>Solea senegalensis</i> post-larvae is affected by dietary arachidonic acid-to-eicosapentaenoic acid ratio. Fish Physiology and Biochemistry, 2011, 37, 733-743.	0.9	17
61	Novel methodologies in marine fish larval nutrition. Fish Physiology and Biochemistry, 2010, 36, 1-16.	0.9	40
62	Individual differences in cortisol levels and behaviour of Senegalese sole ( <i>Solea senegalensis</i> ) juveniles: Evidence for coping styles. Applied Animal Behaviour Science, 2010, 124, 75-81.	0.8	102
63	Senegalese sole larvae growth and protein utilization is depressed when co-fed high levels of inert diet and <i>Artemia</i> since first feeding. Aquaculture Nutrition, 2010, 16, 457-465.	1.1	32
64	AvanÃ§os recentes em nutriÃ§Ã£o de larvas de peixes. Revista Brasileira De Zootecnia, 2009, 38, 26-35.	0.3	6
65	Comparing skeletal development of wild and hatchery-reared Senegalese sole ( <i>Solea</i> ). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 503 40, 1585-1593.	0.9	49
66	Successful cryopreservation of sperm from sex-reversed dusky grouper, <i>Epinephelus marginatus</i> . Aquaculture, 2009, 287, 152-157.	1.7	54
67	Co-feeding in Senegalese sole larvae with inert diet from mouth opening promotes growth at weaning. Aquaculture, 2009, 288, 264-272.	1.7	81
68	Co-feeding of live feed and inert diet from first-feeding affects <i>Artemia</i> lipid digestibility and retention in Senegalese sole ( <i>Solea senegalensis</i> ) larvae. Aquaculture, 2009, 296, 284-291.	1.7	23
69	Co-feeding of inert diet from mouth opening does not impair protein utilization by Senegalese sole ( <i>Solea senegalensis</i> ) larvae. Aquaculture, 2009, 287, 185-190.	1.7	31
70	Rearing larvae of dusky grouper, <i>Epinephelus marginatus</i> (Lowe, 1834), (Pisces: Serranidae) in a semi-extensive mesocosm. Scientia Marina, 2009, 73, 201-212.	0.3	15
71	Antemortem versus postmortem methods for detection of betanodavirus in Senegalese sole ( <i>Solea</i> ). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 503 0.5	0.5	28
72	Nutritional physiology during development of Senegalese sole ( <i>Solea senegalensis</i> ). Aquaculture, 2007, 268, 64-81.	1.7	74

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73	Improving weaning strategies for Senegalese sole: effects of body weight and digestive capacity. <i>Aquaculture Research</i> , 2007, 38, 696-707.	0.9	72
74	Weaning of Senegalese sole ( <i>Solea senegalensis</i> ) postlarvae to an inert diet with a co-feeding regime. <i>Ciencias Marinas</i> , 2005, 31, 327-337.	0.4	11