

# Lmp Valente

## List of Publications by Year in descending order

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168  
papers

5,302  
citations

81839

39  
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133188

59  
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173  
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173  
docs citations

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times ranked

4225  
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#	ARTICLE	IF	CITATIONS
1	Evaluation of three seaweeds <i>Gracilaria bursa-pastoris</i> , <i>Ulva rigida</i> and <i>Gracilaria cornea</i> as dietary ingredients in European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Aquaculture</i> , 2006, 252, 85-91.	1.7	229
2	What determines growth potential and juvenile quality of farmed fish species?. <i>Reviews in Aquaculture</i> , 2013, 5, S168.	4.6	147
3	Partial replacement of fish oil by soybean oil on lipid distribution and liver histology in European sea bass ( <i>Dicentrarchus labrax</i> ) and rainbow trout ( <i>Oncorhynchus mykiss</i> ) juveniles. <i>Aquaculture Nutrition</i> , 2005, 11, 147-155.	1.1	146
4	Dietary lipid level affects growth performance and nutrient utilisation of Senegalese sole ( <i>Solea</i> ) juveniles. <i>Aquaculture</i> , 2006, 252, 85-91.	1.2	123
5	Molecular evolution of zebrafish <i>dnmt3</i> genes and thermal plasticity of their expression during embryonic development. <i>Gene</i> , 2012, 500, 93-100.	1.0	114
6	Growth dynamics of white and red muscle fibres in fast- and slow-growing strains of rainbow trout. <i>Journal of Fish Biology</i> , 1999, 55, 675-691.	0.7	110
7	Dietary lipid levels have a remarkable impact on the expression of growth-related genes in Senegalese sole ( <i>Solea senegalensis</i> Kaup). <i>Journal of Experimental Biology</i> , 2010, 213, 200-209.	0.8	95
8	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
9	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
10	Evaluation of IMTA-produced seaweeds ( <i>Gracilaria</i> , <i>Porphyra</i> , and <i>Ulva</i> ) as dietary ingredients in Nile tilapia, <i>Oreochromis niloticus</i> L., juveniles. Effects on growth performance and gut histology. <i>Journal of Applied Phycology</i> , 2015, 27, 1671-1680.	1.5	78
11	Dietary inclusion of IMTA-cultivated <i>Gracilaria vermiculophylla</i> in rainbow trout ( <i>Oncorhynchus mykiss</i> ) juveniles: growth performance and nutrient response. <i>Journal of Applied Phycology</i> , 2016, 28, 679-689.	1.5	78
12	Utilization of natural and synthetic sources of carotenoids in the skin pigmentation of gilthead seabream ( <i>Sparus aurata</i> ). <i>European Food Research and Technology</i> , 2002, 214, 287-293.	1.6	77
13	Dietary protein source or energy levels have no major impact on growth performance, nutrient utilisation or flesh fatty acids composition of market-sized Senegalese sole. <i>Aquaculture</i> , 2011, 318, 128-137.	1.7	77
14	Quality differences of gilthead sea bream from distinct production systems in Southern Europe: Intensive, integrated, semi-intensive or extensive systems. <i>Food Control</i> , 2011, 22, 708-717.	2.8	76
15	Growth performance and body composition of white seabream ( <i>Diplodus sargus</i> ) juveniles fed diets with different protein and lipid levels. <i>Aquaculture Research</i> , 2006, 37, 255-263.	0.9	74
16	Replacement of fishmeal by increasing levels of plant protein blends in diets for Senegalese sole ( <i>Solea senegalensis</i> ) juveniles. <i>Aquaculture</i> , 2011, 322-323, 74-81.	1.7	67
17	Practical diet with low fish-derived protein is able to sustain growth performance in gilthead seabream ( <i>Sparus aurata</i> ) during the grow-out phase. <i>Aquaculture</i> , 2009, 293, 255-262.	1.7	66
18	Plant protein blends in diets for Senegalese sole affect skeletal muscle growth, flesh texture and the expression of related genes. <i>Aquaculture</i> , 2016, 453, 77-85.	1.7	64

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19	Effects of dietary lipid level on growth and lipid utilization by juvenile Atlantic halibut ( <i>Hippoglossus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	63
20	Replacement of fish meal by plant protein sources up to 75% induces good growth performance without affecting flesh quality in ongrowing Senegalese sole. <i>Aquaculture</i> , 2013, 380-383, 130-138.	1.7	63
21	Senegalese sole juveniles ( <i>Solea senegalensis</i> Kaup, 1858) grow equally well on diets devoid of fish meal provided the dietary amino acids are balanced. <i>Aquaculture</i> , 2009, 296, 309-317.	1.7	61
22	Hydrolyzed feather meal as a partial fishmeal replacement in diets for European seabass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Aquaculture</i> , 2017, 476, 152-159.	1.7	61
23	Persistent and emerging pollutants assessment on aquaculture oysters ( <i>Crassostrea gigas</i> ) from NW Portuguese coast (Ria De Aveiro). <i>Science of the Total Environment</i> , 2019, 666, 731-742.	3.9	59
24	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
25	Thermal plasticity of the miRNA transcriptome during Senegalese sole development. <i>BMC Genomics</i> , 2014, 15, 525.	1.2	58
26	Nutritional value of different insect larvae meals as protein sources for European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Aquaculture</i> , 2020, 521, 735085.	1.7	58
27	Apparent nutrient digestibility of seaweeds by rainbow trout ( <i>Oncorhynchus mykiss</i> ) and Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Algal Research</i> , 2012, 1, 77-82.	2.4	57
28	The IMTA-cultivated Chlorophyta <i>Ulva</i> spp. as a sustainable ingredient in Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	57
29	Carotenoid deposition, flesh quality and immunological response of Nile tilapia fed increasing levels of IMTA-cultivated <i>Ulva</i> spp.. <i>Journal of Applied Phycology</i> , 2016, 28, 691-701.	1.5	57
30	Advances in research on the prenatal development of skeletal muscle in animals in relation to the quality of muscle-based food. I. Regulation of myogenesis and environmental impact. <i>Animal</i> , 2011, 5, 703-717.	1.3	55
31	Feed transit and apparent protein, phosphorus and energy digestibility of practical feed ingredients by Senegalese sole ( <i>Solea senegalensis</i> ). <i>Aquaculture</i> , 2010, 302, 94-99.	1.7	52
32	Defatted microalgae ( <i>Nannochloropsis</i> sp.) from biorefinery as a potential feed protein source to replace fishmeal in European sea bass diets. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 1067-1081.	0.9	49
33	Effect of egg incubation temperature on the occurrence of skeletal deformities in <i>Solea senegalensis</i> . <i>Journal of Applied Ichthyology</i> , 2012, 28, 471-476.	0.3	48
34	Postprandial expression of growth-related genes in Atlantic salmon ( <i>Salmo salar</i> L.) juveniles fasted for 1 week and fed a single meal to satiation. <i>British Journal of Nutrition</i> , 2012, 108, 2148-2157.	1.2	47
35	Effect of protein and lipid levels in diets for adult sea urchin <i>Paracentrotus lividus</i> (Lamarck, 1816). <i>Aquaculture</i> , 2019, 506, 127-138.	1.7	44
36	High DHA content in <i>Artemia</i> is ineffective to improve <i>Octopus vulgaris</i> paralarvae rearing. <i>Aquaculture</i> , 2010, 300, 156-162.	1.7	43

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37	Iodine enrichment of rainbow trout flesh by dietary supplementation with the red seaweed <i>Gracilaria vermiculophylla</i> . <i>Aquaculture</i> , 2015, 446, 132-139.	1.7	43
38	Producing juvenile <i>Artemia</i> as prey for <i>Octopus vulgaris</i> paralarvae with different microalgal species of controlled biochemical composition. <i>Aquaculture</i> , 2008, 283, 83-91.	1.7	41
39	Protein requirement for maintenance and maximum growth of two-banded seabream ( <i>Diplodus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 41	1.1	41
40	A blend of land animal fats can replace up to 75% fish oil without affecting growth and nutrient utilization of European seabass. <i>Aquaculture</i> , 2018, 487, 22-31.	1.7	41
41	Use of technological processing of seaweed and microalgae as strategy to improve their apparent digestibility coefficients in European seabass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Journal of Applied Phycology</i> , 2020, 32, 3429-3446.	1.5	41
42	Effects of dietary conjugated linoleic acid on growth, nutrient utilization, body composition, and hepatic lipogenesis in rainbow trout juveniles ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2005, 248, 163-172.	1.7	40
43	The effect of sex, season and gametogenic cycle on gonad yield, biochemical composition and quality traits of <i>Paracentrotus lividus</i> along the North Atlantic coast of Portugal. <i>Scientific Reports</i> , 2019, 9, 2994.	1.6	40
44	Dietary protein/lipid level and protein source effects on growth, tissue composition and lipid metabolism of blackspot seabream ( <i>Pagellus bogaraveo</i> ). <i>Aquaculture Nutrition</i> , 2010, 16, 173-187.	1.1	38
45	Exploring the potential of seaweed <i>Gracilaria gracilis</i> and microalga <i>Nannochloropsis oceanica</i> , single or blended, as natural dietary ingredients for European seabass <i>Dicentrarchus labrax</i> . <i>Journal of Applied Phycology</i> , 2020, 32, 2041-2059.	1.5	38
46	Conjugated linoleic acid in diets for large-size rainbow trout ( <i>Oncorhynchus mykiss</i> ): effects on growth, chemical composition and sensory attributes. <i>British Journal of Nutrition</i> , 2007, 97, 289-297.	1.2	37
47	Effect of dietary conjugated linoleic acid on muscle, liver and visceral lipid deposition in rainbow trout juveniles ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2006, 254, 496-505.	1.7	36
48	Dietary protein, growth, nutrient utilization and body composition of juvenile blackspot seabream, <i>Pagellus bogaraveo</i> (Brunnich). <i>Aquaculture Research</i> , 2006, 37, 1007-1014.	0.9	34
49	Influence of conjugated linoleic acid on growth, lipid composition and hepatic lipogenesis in juvenile European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Aquaculture</i> , 2007, 267, 225-235.	1.7	34
50	Effects of moderately oxidized dietary lipid and the role of vitamin E on the stress response in Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.). <i>Aquaculture</i> , 2007, 272, 573-580.	1.7	34
51	Life-cycle assessment of animal feed ingredients: Poultry fat, poultry by-product meal and hydrolyzed feather meal. <i>Journal of Cleaner Production</i> , 2020, 252, 119845.	4.6	34
52	Feed intake and growth of fast and slow growing strains of rainbow trout ( <i>Oncorhynchus mykiss</i> ) fed by automatic feeders or by self-feeders. <i>Aquaculture</i> , 2001, 195, 121-131.	1.7	33
53	Advances in research on the prenatal development of skeletal muscle in animals in relation to the quality of muscle-based food. II – Genetic factors related to animal performance and advances in methodology. <i>Animal</i> , 2011, 5, 718-730.	1.3	33
54	Effect of storage time and heat processing on the volatile profile of Senegalese sole ( <i>Solea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td 4,2 33	4.2	33

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55	Partial and total replacement of fish oil by poultry fat in diets for European seabass ( <i>Dicentrarchus labrax</i> ) and its effect on lipid metabolism. <i>Aquaculture</i> , 2019, 502, 107-120.	1.7	33
56	Digestive enzyme activity at different developmental stages of blackspot seabream, <i>Pagellus bogaraveo</i> (Brunnich 1768). <i>Aquaculture Research</i> , 2008, 39, 339-346.	0.9	32
57	High Dietary Lipid Level Is Associated with Persistent Hyperglycaemia and Downregulation of Muscle Akt-mTOR Pathway in Senegalese Sole ( <i>Solea senegalensis</i> ). <i>PLoS ONE</i> , 2014, 9, e102196.	1.1	32
58	Seasonal effect in nutritional quality and safety of the wild sea urchin <i>Paracentrotus lividus</i> harvested in the European Atlantic shores. <i>Food Chemistry</i> , 2019, 282, 84-94.	4.2	32
59	Apparent digestibility of lipid and fatty acids in fish oil, poultry fat and vegetable oil diets by Atlantic halibut, <i>Hippoglossus hippoglossus</i> L.. <i>Aquaculture</i> , 2009, 294, 132-137.	1.7	31
60	Dietary Tools To Modulate Glycogen Storage in Gilthead Seabream Muscle: Glycerol Supplementation. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10613-10624.	2.4	31
61	Innate immune response, intestinal morphology and microbiota changes in Senegalese sole fed plant protein diets with probiotics or autolysed yeast. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7223-7238.	1.7	31
62	Changes in intestinal microbiota, immune- and stress-related transcript levels in Senegalese sole ( <i>Solea senegalensis</i> ) fed plant ingredient diets intercropped with probiotics or immunostimulants. <i>Aquaculture</i> , 2016, 458, 149-157.	1.7	31
63	Functional characterisation and sensory evaluation of a novel synbiotic okara beverage. <i>Food Chemistry</i> , 2021, 340, 127793.	4.2	31
64	Influence of supplemental maslinic acid (olive-derived triterpene) on the post-mortem muscle properties and quality traits of gilthead seabream. <i>Aquaculture</i> , 2013, 396-399, 146-155.	1.7	30
65	Lipid digestion, absorption and uptake in <i>Solea senegalensis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2013, 166, 26-35.	0.8	30
66	Immune responses and gut morphology of Senegalese sole ( <i>Solea senegalensis</i> , Kaup 1858) fed monospecies and multispecies probiotics. <i>Aquaculture Nutrition</i> , 2015, 21, 625-634.	1.1	30
67	The Use of Defatted <i>Tenebrio molitor</i> Larvae Meal as a Main Protein Source Is Supported in European Sea Bass ( <i>Dicentrarchus labrax</i> ) by Data on Growth Performance, Lipid Metabolism, and Flesh Quality. <i>Frontiers in Physiology</i> , 2021, 12, 659567.	1.3	30
68	Dietary protein content influences both growth and size distribution of anterior and posterior muscle fibres in juveniles of <i>Pagellus bogaraveo</i> (Brunnich). <i>Journal of Muscle Research and Cell Motility</i> , 2009, 30, 29-39.	0.9	29
69	Blackspot seabream ( <i>Pagellus bogaraveo</i> ) lipogenic and glycolytic pathways appear to be more related to dietary protein level than dietary starch type. <i>Aquaculture</i> , 2009, 291, 101-110.	1.7	29
70	Protein utilisation and intermediary metabolism of Senegalese sole ( <i>Solea senegalensis</i> ) as a function of protein:lipid ratio. <i>British Journal of Nutrition</i> , 2013, 109, 1373-1381.	1.2	29
71	Potential capacity of Senegalese sole ( <i>Solea senegalensis</i> ) to use carbohydrates: Metabolic responses to hypo- and hyper-glycaemia. <i>Aquaculture</i> , 2015, 438, 59-67.	1.7	29
72	Approaches to improve utilization of <i>Nannochloropsis oceanica</i> in plant-based feeds for Atlantic salmon. <i>Aquaculture</i> , 2020, 522, 735122.	1.7	29

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73	Seasonal variation of physical, chemical and sensory characteristics of sea bream ( <i>Sparus aurata</i> ) reared under intensive conditions in Southern Europe. <i>Food Control</i> , 2011, 22, 574-585.	2.8	28
74	Effects of dietary n <sup>3</sup> /n <sup>6</sup> ratio on lipid metabolism of gilthead seabream ( <i>Sparus aurata</i> ). <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1332-1341.	1.0	28
75	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 1998, 18, 213-224.	0.9	27
76	Inclusion of 10% seaweed meal in diets for juvenile and on-growing life stages of Senegalese sole ( <i>Solea senegalensis</i> ). <i>Journal of Applied Phycology</i> , 2018, 30, 3589-3601.	1.5	27
77	Growth and fatty acid composition of <i>Octopus vulgaris</i> paralarvae fed with enriched <i>Artemia</i> or co-fed with an inert diet. <i>Aquaculture International</i> , 2010, 18, 1121-1135.	1.1	26
78	Feed intake and growth performance of Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858) fed diets with partial replacement of fish meal with plant proteins. <i>Aquaculture Research</i> , 2010, 41, e20-e30.	0.9	26
79	Long-term feeding of vegetable oils to Senegalese sole until market size: Effects on growth and flesh quality. Recovery of fatty acid profiles by a fish oil finishing diet. <i>Aquaculture</i> , 2014, 434, 425-433.	1.7	26
80	Tenacibaculosis induction in the Senegalese sole ( <i>Solea senegalensis</i> ) and studies of <i>Tenacibaculum maritimum</i> survival against host mucus and plasma. <i>Journal of Fish Diseases</i> , 2016, 39, 1445-1455.	0.9	26
81	Impact of different thermal treatments and storage conditions on the stability of soybean byproduct (okara). <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 1981-1996.	1.6	25
82	Hypothalamic fatty acid sensing in Senegalese sole ( <i>Solea senegalensis</i> ): response to long-chain saturated, monounsaturated, and polyunsaturated (n-3) fatty acids. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1521-R1531.	0.9	24
83	Fish energy budget under ocean warming and flame retardant exposure. <i>Environmental Research</i> , 2018, 164, 186-196.	3.7	24
84	Influence of vegetable diets on physiological and immune responses to thermal stress in Senegalese sole ( <i>Solea senegalensis</i> ). <i>PLoS ONE</i> , 2018, 13, e0194353.	1.1	24
85	Growth, digestibility and nutrient utilization of rainbow trout ( <i>Oncorhynchus mykiss</i> ) and European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles fed different dietary soybean oil levels. <i>Aquaculture International</i> , 2006, 14, 285-295.	1.1	23
86	Plant proteins and vegetable oil do not have detrimental effects on post-mortem muscle instrumental texture, sensory properties and nutritional value of gilthead seabream. <i>Aquaculture</i> , 2012, 358-359, 205-212.	1.7	23
87	Lipid content and fatty acid profile of Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858) juveniles as affected by feed containing different amounts of plant protein sources. <i>Food Chemistry</i> , 2012, 134, 1337-1342.	4.2	23
88	Diets supplemented with <i>Saccharina latissima</i> influence the expression of genes related to lipid metabolism and oxidative stress modulating rainbow trout ( <i>Oncorhynchus mykiss</i> ) fillet composition. <i>Food and Chemical Toxicology</i> , 2020, 140, 111332.	1.8	23
89	Impact of dietary plant protein levels on the volatile composition of Senegalese sole ( <i>Solea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5	4.2	22
90	Impact of thermal treatment and hydrolysis by Alcalase and <i>Cynara cardunculus</i> enzymes on the functional and nutritional value of Okara. <i>Process Biochemistry</i> , 2019, 83, 137-147.	1.8	21

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91	Partial replacement of fish oil by flaxseed oil in Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.) diets: effects on growth, nutritional and sensory quality. <i>Aquaculture Nutrition</i> , 2011, 17, 671-684.	1.1	20
92	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
93	Muscle differentiation in blackspot seabream ( <i>Pagellus bogaraveo</i> , Brunnich): Histochemical and immunohistochemical study of the fibre types. <i>Tissue and Cell</i> , 2008, 40, 447-458.	1.0	19
94	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
95	Meta-analysis on nutrition studies modulating sea urchin roe growth, colour and taste. <i>Reviews in Aquaculture</i> , 2019, 11, 766-781.	4.6	19
96	Nutritional value, antimicrobial and antioxidant activities of micro- and macroalgae, single or blended, unravel their potential use for aquafeeds. <i>Journal of Applied Phycology</i> , 2021, 33, 3507-3518.	1.5	19
97	Time course deposition of conjugated linoleic acid in market size rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 18	1.7	18
98	Modulation of blackspot seabream ( <i>Pagellus bogaraveo</i> ) intermediary metabolic pathways by dispensable amino acids. <i>Amino Acids</i> , 2010, 39, 1401-1416.	1.2	18
99	Olfactory sensitivity to amino acids in the blackspot sea bream ( <i>Pagellus bogaraveo</i> ): a comparison between olfactory receptor recording techniques in seawater. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 839-849.	0.7	18
100	Senegalese sole juveniles can cope with diets devoid of supplemental fish oil while preserving flesh nutritional value. <i>Aquaculture</i> , 2014, 418-419, 116-125.	1.7	18
101	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
102	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
103	Growth and Nutritional Responses of Bean and Soybean Genotypes to Elevated CO <sub>2</sub> in a Controlled Environment. <i>Plants</i> , 2019, 8, 465.	1.6	18
104	A fast and simple methodology for determination of yttrium as an inert marker in digestibility studies. <i>Food Chemistry</i> , 2008, 108, 1094-1098.	4.2	17
105	Effects of Feeding Levels on Growth Response, Body Composition, and Energy Expenditure in Blackspot Seabream, <i>Pagellus bogaraveo</i> , Juveniles. <i>Journal of the World Aquaculture Society</i> , 2009, 40, 95-103.	1.2	16
106	Anchovy and giant squid hydrolysates can enhance growth and the immune response of European seabass ( <i>Dicentrarchus labrax</i> ) fed plant-protein-based diets. <i>Aquaculture</i> , 2020, 523, 735182.	1.7	16
107	Hormone profile in fast- and slow-growing strains of rainbow trout ( <i>Oncorhynchus mykiss</i> ) in response to nutritional state. <i>Aquaculture</i> , 2003, 219, 829-839.	1.7	15
108	Hyperplastic and hypertrophic growth of lateral muscle in blackspot seabream <i>Pagellus bogaraveo</i> from hatching to juvenile. <i>Journal of Fish Biology</i> , 2009, 74, 37-53.	0.7	15

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109	Effect of two experimental diets (protein and lipid vegetable oil blends) on the volatile profile of Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858) muscle. <i>Food Chemistry</i> , 2014, 153, 327-333.	4.2	15
110	Short- and long-term metabolic responses to diets with different protein:carbohydrate ratios in Senegalese sole ( <i>Solea senegalensis</i> , Kaup 1858). <i>British Journal of Nutrition</i> , 2016, 115, 1896-1910.	1.2	15
111	Total substitution of dietary fish oil by vegetable oils stimulates muscle hypertrophic growth in Senegalese sole and the upregulation of fgf6. <i>Food and Function</i> , 2017, 8, 1869-1879.	2.1	15
112	Physiopathological responses of sole ( <i>Solea senegalensis</i> ) subjected to bacterial infection and handling stress after probiotic treatment with autochthonous bacteria. <i>Fish and Shellfish Immunology</i> , 2018, 83, 348-358.	1.6	15
113	Voluntary feed intake, feed and nutrient utilisation in slow and fast growing rainbow trout strains. <i>Aquatic Living Resources</i> , 1998, 11, 93-99.	0.5	14
114	Dietary Creatine Supplementation in Gilthead Seabream ( <i>Sparus aurata</i> ) Increases Dorsal Muscle Area and the Expression of myod1 and capn1 Genes. <i>Frontiers in Endocrinology</i> , 2019, 10, 161.	1.5	14
115	Growth performance, bioavailability of toxic and essential elements and nutrients, and biofortification of iodine of rainbow trout ( <i>Onchorhynchus mykiss</i> ) fed blends with sugar kelp ( <i>Saccharina latissima</i> ). <i>Food and Chemical Toxicology</i> , 2020, 141, 111387.	1.8	14
116	The Effect of Sprouting in Lentil ( <i>Lens culinaris</i> ) Nutritional and Microbiological Profile. <i>Foods</i> , 2020, 9, 400.	1.9	14
117	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
118	Apparent digestibility coefficients of processed agro-food by-products in European seabass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Aquaculture Nutrition</i> , 2018, 24, 1274-1286.	1.1	13
119	Growth performance and gonad yield of sea urchin <i>Paracentrotus lividus</i> (Lamarck, 1816) fed with diets of increasing protein: energy ratios. <i>Animal Feed Science and Technology</i> , 2020, 270, 114690.	1.1	13
120	Microalgae as feed ingredients for livestock production and aquaculture. , 2021, , 239-312.		13
121	Feeding behaviour of fast- and slow-growing strains of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), during first feeding. <i>Aquaculture Research</i> , 2001, 32, 471-480.	0.9	12
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123	Potential application and beneficial effects of a marine microalgal biomass produced in a high-rate algal pond (HRAP) in diets of European sea bass, <i>Dicentrarchus labrax</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 62185-62199.	2.7	12
124	Improving growth potential in Senegalese sole ( <i>Solea senegalensis</i> ) through dietary protein. <i>Aquaculture</i> , 2019, 498, 90-99.	1.7	11
125	Effects of carbohydrate sources on growth, body composition and tissue lipid deposition of blackspot seabream, <i>Pagellus bogaraveo</i> (Brunnich). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 212-219.	1.0	10
126	Nutritional Modulation of Marine Fish Larvae Performance. , 2018, , 209-228.		10



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133	Short-term exposure to repeated chasing stress does not induce habituation in Senegalese sole, <i>Solea senegalensis</i> . <i>Aquaculture</i> , 2018, 487, 32-40.	1.7	9
134	Apparent digestibility coefficients of European grain legumes in rainbow trout ( <i>Oncorhynchus</i> )	1.1	9
135	Annual assessment of the sea urchin ( <i>Paracentrotus lividus</i> ) humoral innate immune status: Tales from the north Portuguese coast. <i>Marine Environmental Research</i> , 2018, 141, 128-137.	1.1	9
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139	Physical processing or supplementation of feeds with phytogenic compounds, alginate oligosaccharide or nucleotides as methods to improve the utilization of <i>Gracilaria gracilis</i> by juvenile European seabass ( <i>Dicentrarchus labrax</i> ). <i>Aquaculture</i> , 2021, 530, 735914.	1.7	9
140	Expression of the myosin light chains 1, 2 and 3 in the muscle of blackspot seabream ( <i>Pagellus</i> )	0.9	8
141	Influence of temperature on muscle fibre hyperplasia and hypertrophy in larvae of blackspot seabream, <i>Pagellus bogaraveo</i> . <i>Aquaculture Research</i> , 2011, 42, 331-340.	0.9	8
142	Dietary protein/carbohydrate ratio in low-lipid diets for Senegalese sole ( <i>Solea senegalensis</i> , Kaup)	1.1	8
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145	Optimization of phosphorus content in high plant protein practical diets for Senegalese sole ( <i>Solea senegalensis</i> , Kaup 1858) juveniles: influence on growth performance and composition of whole body and vertebrae. <i>Aquaculture Nutrition</i> , 2017, 23, 18-29.	1.1	7
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151	Processed By-Products from Soy Beverage (Okara) as Sustainable Ingredients for Nile Tilapia ( <i>O. Tj EQq1 1 0.784314 rgBT /Overlock</i>	1.0	6
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