

Toshiro Masumoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multiple cocaine- and amphetamine-regulated transcript genes in yellowtail <i>Seriola quinqueradiata</i> : cloning, tissue distribution in the brain, and response to fasting and fish meal soluble fraction. <i>Fisheries Science</i> , 2021, 87, 55-64.	1.6	6
2	Nutrients regulate gene expression levels of neuropeptide Y, melanin-concentrating hormone 1, and cholecystokinin in yellowtail (<i>Seriola quinqueradiata</i>). <i>Aquaculture</i> , 2021, 535, 736401.	3.5	4
3	Effects of complete replacement of fish oil with plant oil mixtures and algal meal on growth performance and fatty acid composition in juvenile yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2020, 86, 107-118.	1.6	14
4	Effects of natural feeding stimulants and glutamic acid supplementation on the feed intake, growth performance and digestive enzyme activities of red sea bream (<i>Pagrus major</i>) fed fish meal-free soy protein concentrate (SPC)-based diet. <i>Aquaculture Research</i> , 2019, 50, 1912-1920.	1.8	6
5	Effects of feeding a fish meal-free soy protein concentrate-based diet on the growth performance and nutrient utilization of red sea bream (<i>Pagrus major</i>). <i>Aquaculture Research</i> , 2019, 50, 1087-1095.	1.8	13
6	Identification of feeding stimulants for greater amberjack <i>Seriola dumerili</i> in muscle tissue of jack mackerel <i>Trachurus japonicus</i> . <i>Fisheries Science</i> , 2019, 85, 387-395.	1.6	6
7	Effects of dietary phospholipid level and fraction on the feed intake of non-fish meal diet in yellowtail, <i>Seriola quinqueradiata</i> Temminck & Schlegel, 1845. <i>Aquaculture Research</i> , 2018, 49, 569-575.	1.8	10
8	Effects of replacing fish oil with canola oil on the growth performance, fatty acid composition and metabolic enzyme activity of juvenile yellowtail <i>Seriola quinqueradiata</i> (Temminck & Schlegel, 1845). <i>Aquaculture Research</i> , 2018, 49, 569-575.	1.8	10
9	Effects of alcohol extract of defatted soybean meal on growth performance and digestive physiology of yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2017, 83, 99-106.	1.6	12
10	Development of a docosahexaenoic acid (DHA)-rich yellowtail <i>Seriola quinqueradiata</i> using tuna by-product oil. <i>Fisheries Science</i> , 2017, 83, 607-617.	1.6	2
11	Beneficial utilization of a tuna processing by-product as fish-feed additive. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 231-238.	3.0	2
12	Feeding fermented soybean meal diet supplemented with taurine to yellowtail <i>Seriola quinqueradiata</i> affects growth performance and lipid digestion. <i>Aquaculture Research</i> , 2015, 46, 1101-1110.	1.8	43
13	Yellowtail neuropeptide Y: molecular cloning, tissue distribution, and response to fasting. <i>Fisheries Science</i> , 2014, 80, 483-492.	1.6	26
14	Taurine supplementation and palm oil substitution in low-fish meal diets for young yellowtail <i>Seriola quinqueradiata</i> . <i>Aquaculture</i> , 2014, 420-421, 219-224.	3.5	25
15	Effects of Yuzu (<i>Citrus junos</i>) Peel from Waste as an Aquaculture Feed Supplement on Growth, Environmental Load, and Dark Muscle Discoloration in Yellowtail <i>Seriola quinqueradiata</i> . <i>Journal of Aquatic Food Product Technology</i> , 2014, 23, 511-521.	1.4	16
16	Molecular cloning and tissue distribution of cholecystokinin-1 receptor (CCK-1R) in yellowtail <i>Seriola quinqueradiata</i> and its response to feeding and in vitro CCK treatment. <i>General and Comparative Endocrinology</i> , 2013, 186, 1-8.	1.8	20
17	I-1. Evaluation of low fish meal diet nutrition. <i>Nippon Suisan Gakkaishi</i> , 2013, 79, 452-452.	0.1	0
18	Response of cholecystokinin and digestive enzyme mRNA levels to various feed ingredients in yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2012, 78, 1075-1082.	1.6	15

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19	Optimization of the supplemental essential amino acids to a fish meal-free diet based on fermented soybean meal for rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fisheries Science</i> , 2012, 78, 359-366.	1.6	32
20	Effects of different soybean proteins on lipid digestion and growth of yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2011, 77, 357-365.	1.6	36
21	Effect of dietary lipid level on growth performance and feed utilization of juvenile kelp grouper <i>Epinephelus bruneus</i> . <i>Fisheries Science</i> , 2010, 76, 139-145.	1.6	24
22	In vivo and in vitro effect of recombinant salmon growth hormone treatment on IGF-I and IGF-BPs in yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2009, 75, 887-894.	1.6	12
23	Effects of dietary phosphorus level on non-faecal phosphorus excretion from yellowtail (<i>Seriola</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2009, 40, 225-232.	1.8	11
24	Replacement of dietary fish oil with olive oil in young yellowtail <i>Seriola quinqueradiata</i> : effects on growth, muscular fatty acid composition and prevention of dark muscle discoloration during refrigerated storage. <i>Fisheries Science</i> , 2008, 74, 1297-1306.	1.6	30
25	Nutrient control of release of pancreatic enzymes in yellowtail (<i>Seriola quinqueradiata</i>): Involvement of CCK and PY in the regulatory loop. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 150, 438-443.	1.8	49
26	Changes in cholecystokinin and peptide Y gene expression with feeding in yellowtail (<i>Seriola</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Physiology - B <i>Biochemistry and Molecular Biology</i> , 2007, 146, 318-325.	1.6	59
27	Effects of exogenous cholecystokinin and gastrin on the secretion of trypsin and chymotrypsin from yellowtail (<i>Seriola quinqueradiata</i>) isolated pyloric caeca. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 124-130.	1.8	17
28	Effects of dietary supplementation with feeding stimulants on yellowtail <i>Seriola quinqueradiata</i> (Temminck & Schlegel; Carangidae) protein digestion at low water temperatures. <i>Aquaculture Research</i> , 2006, 37, 366-373.	1.8	32
29	Optimum digestible protein and energy levels and ratio for greater amberjack <i>Seriola dumerili</i> (Risso) fingerling. <i>Aquaculture Research</i> , 2006, 37, 1532-1539.	1.8	47
30	Cholecystokinin and peptide Y in yellowtail (<i>Seriola quinqueradiata</i>): Molecular cloning, real-time quantitative RT-PCR, and response to feeding and fasting. <i>General and Comparative Endocrinology</i> , 2006, 145, 287-297.	1.8	91
31	Trypsin restoration time in the pyloric caeca of yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2005, 71, 1274-1279.	1.6	6
32	Seasonal changes in proteolytic enzymes of yellowtail <i>Seriola quinqueradiata</i> (Temminck & Schlegel;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 2005, 36, 696-703.	1.8	53
33	Effect of Pantothenic Acid Deficiency on Plasma Free Amino Acid Profile in Rainbow Trout & Oncorhynchus mykiss. <i>Fisheries Science</i> , 1999, 65, 794-795.	1.6	4
34	Quantitative Arginine Requirement of Juvenile Yellowtail & Seriola quinqueradiata. <i>Fisheries Science</i> , 1998, 64, 348-349.	1.6	14
35	Quantitative methionine requirement of yellowtail (<i>Seriola quinqueradiata</i>). <i>Aquaculture</i> , 1997, 150, 113-122.	3.5	95
36	Protein Source for Fish Feed-III. Inclusion of Defatted Soybean Meal in Diet for Fingerling Yellotail.. <i>Nippon Suisan Gakkaishi</i> , 1992, 58, 1319-1325.	0.1	28