

Yutaka Haga

List of Publications by Year in descending order

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56
papers

1,362
citations

331259

21
h-index

360668

35
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56
all docs

56
docs citations

56
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of vitamin A compounds on bone deformity in larval Japanese flounder (<i>Paralichthys olivaceus</i>). <i>Aquaculture</i> , 1998, 169, 155-165.	1.7	125
2	Effects of Inactivated <i>Enterococcus faecalis</i> and Mannan Oligosaccharide and Their Combination on Growth, Immunity, and Disease Protection in Rainbow Trout. <i>North American Journal of Aquaculture</i> , 2013, 75, 416-428.	0.7	96
3	Polyunsaturated fatty acid metabolism in a marine teleost, Nibe croaker <i>Nibea mitsukurii</i> : Functional characterization of Fads2 desaturase and Elovl5 and Elovl4 elongases. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 188, 37-45.	0.7	81
4	Influence of all-trans retinoic acid on pigmentation and skeletal formation in larval Japanese flounder. <i>Fisheries Science</i> , 2002, 68, 560-570.	0.7	74
5	Retinoic Acid Isomers Produce Malformations in Postembryonic Development of the Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>Zoological Science</i> , 2002, 19, 1105-1112.	0.3	63
6	Effect of zinc and manganese supplementation in <i>Artemia</i> on growth and vertebral deformity in red sea bream (<i>Pagrus major</i>) larvae. <i>Aquaculture</i> , 2008, 285, 184-192.	1.7	54
7	Influences of low salinity and dietary fatty acids on fatty acid composition and fatty acid desaturase and elongase expression in red sea bream <i>Pagrus major</i> . <i>Fisheries Science</i> , 2011, 77, 385-396.	0.7	50
8	Analyzing notochord segmentation and intervertebral disc formation using the <i>twhh:gfp</i> transgenic zebrafish model. <i>Transgenic Research</i> , 2009, 18, 669-683.	1.3	48
9	Supplementation effect(s) of organic acids and/or lipid to plant protein-based diets on juvenile yellowtail, <i>Seriola quinqueradiata</i> Temminck et Schlegel 1845, growth and, nitrogen and phosphorus excretion. <i>Aquaculture Research</i> , 2012, 43, 538-545.	0.9	47
10	Vitamin D3 compounds induce hypermelanosis on the blind side and vertebral deformity in juvenile Japanese flounder <i>Paralichthys olivaceus</i> . <i>Fisheries Science</i> , 2004, 70, 59-67.	0.7	46
11	Partial replacement of fish meal with plant protein sources using organic acids to practical diets for juvenile yellowtail, <i>Seriola quinqueradiata</i> . <i>Aquaculture Nutrition</i> , 2012, 18, 81-89.	1.1	43
12	Preliminary study on effects of methionine hydroxy analog and taurine supplementation in a soy protein concentrate-based diet on the biological performance and amino acid composition of rainbow trout [<i>Oncorhynchus mykiss</i> (Walbaum)]. <i>Aquaculture Research</i> , 2013, 44, 1339-1347.	0.9	43
13	Effects of replacing fish meal with rendered animal protein and plant protein sources on growth response, biological indices, and amino acid availability for rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fisheries Science</i> , 2015, 81, 95-105.	0.7	43
14	Analysis of the mechanism of skeletal deformity in fish larvae using a vitamin A-induced bone deformity model. <i>Aquaculture</i> , 2011, 315, 26-33.	1.7	35
15	Effects of long-term feeding of corn co-product-based diets on growth, fillet color, and fatty acid and amino acid composition of Nile tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2016, 464, 205-212.	1.7	31
16	Preliminary nutritional evaluation of rubber seed and defatted rubber seed meals as plant protein sources for common carp <i>Cyprinus carpio</i> L. juvenile diet. <i>Aquaculture Research</i> , 2015, 46, 2972-2981.	0.9	29
17	Differentiation of chondrocytes and scleroblasts during dorsal fin skeletogenesis in flounder larvae. <i>Development Growth and Differentiation</i> , 2003, 45, 435-448.	0.6	27
18	Modification of the n-3 HUFA biosynthetic pathway by transgenesis in a marine teleost, nibe croaker. <i>Journal of Biotechnology</i> , 2014, 172, 46-54.	1.9	27

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19	Cloning and nutritional regulation of polyunsaturated fatty acid desaturase and elongase of a marine teleost, the nibe croaker <i>Nibea mitsukurii</i> . <i>Fisheries Science</i> , 2010, 76, 463-472.	0.7	26
20	Cloning and functional characterization of fads2 desaturase and elovl5 elongase from Japanese flounder <i>Paralichthys olivaceus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 214, 36-46.	0.7	26
21	A complete enzymatic capacity for biosynthesis of docosahexaenoic acid (DHA, 22 : 6 ω -3) exists in the marine Harpacticoida copepod <i>Tigriopus californicus</i> . <i>Open Biology</i> , 2021, 11, 200402.	1.5	26
22	Effect of <i>Artemia nauplii</i> enriched with vitamin A palmitate on hypermelanosis on the blind side in juvenile Japanese flounder <i>Paralichthys olivaceus</i> . <i>Fisheries Science</i> , 2006, 72, 256-262.	0.7	25
23	First step of non-fish meal, non-fish oil diet development for red seabream, (<i>Pagrus major</i>), with plant protein sources and microalgae <i>Schizochytrium</i> sp. <i>Aquaculture Research</i> , 2019, 50, 2460-2468.	0.9	23
24	Short-term fasting increases skeletal muscle lipid content in association with enhanced mRNA levels of lipoprotein lipase 1 in lean juvenile red seabream (<i>Pagrus major</i>). <i>Aquaculture</i> , 2016, 452, 160-168.	1.7	21
25	Microarray Analysis of Hepatic Gene Expression in Juvenile Japanese Flounder <i>Paralichthys olivaceus</i> Fed Diets Supplemented with Fish or Vegetable Oils. <i>Marine Biotechnology</i> , 2014, 16, 88-102.	1.1	20
26	Efficient productivity and lowered nitrogen and phosphorus discharge load from GH-transgenic tilapia (<i>Oreochromis niloticus</i>) under visual satiation feeding. <i>Aquaculture</i> , 2009, 293, 241-247.	1.7	19
27	Flatfishes colonised freshwater environments by acquisition of various DHA biosynthetic pathways. <i>Communications Biology</i> , 2020, 3, 516.	2.0	18
28	Non-fish meal, non-fish oil diet development for red sea bream, <i>Pagrus major</i> , with plant protein and graded levels of <i>Schizochytrium</i> sp.: Effect on growth and fatty acid composition. <i>Aquaculture Nutrition</i> , 2020, 26, 1173-1185.	1.1	16
29	Effects of arginine supplementation on growth performance and plasma arginine, ornithine and citrulline dynamics of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , 2019, 50, 1277-1290.	0.9	15
30	Isolation, molecular characterization of cysteine sulfinic acid decarboxylase (CSD) of red sea bream <i>Pagrus major</i> and yellowtail <i>Seriola quinqueradiata</i> and expression analysis of CSD from several marine fish species. <i>Aquaculture</i> , 2015, 449, 8-17.	1.7	14
31	Utilization of genetically modified soybean meal in Nile tilapia <i>Oreochromis niloticus</i> diets. <i>Fisheries Science</i> , 2009, 75, 967-973.	0.7	12
32	Microalgae as main ingredient for fish feed: Non-fish meal and non-fish oil diet development for red sea bream, <i>Pagrus major</i> , by blending of microalgae <i>Nannochloropsis</i> , <i>Chlorella</i> and <i>Schizochytrium</i> . <i>Aquaculture Research</i> , 2021, 52, 6025-6036.	0.9	12
33	Potential use of corn co-products in fishmeal-free diets for juvenile Nile tilapia <i>Oreochromis niloticus</i> . <i>Fisheries Science</i> , 2016, 82, 811-818.	0.7	11
34	Effect of nucleotides supplementation to low-fish meal feed on long-chain polyunsaturated fatty acid composition of juvenile rainbow trout <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , 2019, 50, 2218-2230.	0.9	11
35	Process of true ambicoloration in larval and juvenile Japanese flounder <i>Paralichthys olivaceus</i> : An ultrastructural study. <i>Nippon Suisan Gakkaishi</i> , 2005, 71, 782-790.	0.0	10
36	Improvement in the feeding activity, early growth and survival of Pacific bluefin tuna <i>Thunnus orientalis</i> larvae fed a casein peptide-based microdiet supplemented with inosine monophosphate. <i>Fisheries Science</i> , 2011, 77, 245-253.	0.7	9

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37	Changes of retinoid contents in larval Japanese flounder <i>Paralichthys olivaceus</i> and <i>Artemia nauplii</i> enriched with a large dose of all-trans retinoic acid. <i>Fisheries Science</i> , 2004, 70, 436-444.	0.7	8
38	Effects of hypoxia and hypercapnia on the embryonic development of striped jack, <i>Pseudocaranx dentex</i> . <i>Nippon Suisan Gakkaishi</i> , 2008, 74, 144-151.	0.0	8
39	Development of microparticulate diets with special reference to Pacific bluefin tuna, abalone, and Japanese spiny lobster: a review. <i>Fisheries Science</i> , 2015, 81, 591-600.	0.7	8
40	Interactive effect of dietary fish oil and pyrimidine nucleotide supplementation on the fatty acid composition of juvenile rainbow trout <i>Oncorhynchus mykiss</i> : Enhancement of ARA and DHA contents in the fillet of fish fed a supplemented diet. <i>Aquaculture Research</i> , 2021, 52, 4934-4945.	0.9	7
41	Retinoids as potent teratogens on larval development of Japanese flounder <i>Paralichthys olivaceus</i> . <i>Fisheries Science</i> , 2002, 68, 789-792.	0.7	6
42	Effect of light irradiation on dynamics of vitamin A compounds in rotifers and <i>Artemia</i> . <i>Fisheries Science</i> , 2006, 72, 1020-1026.	0.7	6
43	Interactive effects of salinity and complete fishmeal replacement on growth, food consumption, and gene expression of hepatic IGF-I, IGF-II and growth hormone receptors in Nile tilapia, <i>Oreochromis niloticus</i> (L.). <i>Aquaculture Research</i> , 2018, 49, 2128-2139.	0.9	6
44	Dietary citrulline improves survival of rainbow trout <i>Oncorhynchus mykiss</i> juveniles challenged with <i>Vibrio anguillarum</i> . <i>Aquaculture</i> , 2020, 528, 735491.	1.7	6
45	Suitability of genetically modified soybean meal in a dietary ingredient for common carp <i>Cyprinus carpio</i> . <i>Fisheries Science</i> , 2010, 76, 111-117.	0.7	5
46	Evaluation of Practical Diets Containing High Levels of Corn Distillers Dried Grains with Soluble on Red Tilapia Floating Net Cage Production Performance. <i>Pakistan Journal of Nutrition</i> , 2015, 14, 708-711.	0.2	5
47	Utilization of microalgae <i>Schizochytrium</i> sp. in non-fish meal, non-fish oil diet for yellowtail (<i>Seriola lalandi</i>) Tj ETQq1 1.0,784314 rgBT /Ove 0.9 5	0.9	5
48	Taurine synthesis via the cysteic acid pathway: effect of dietary cysteic acid on growth, body taurine content, and gene expression of taurine-synthesizing enzymes, growth hormone, and insulin-like growth factor 1 in Japanese flounder <i>Paralichthys olivaceus</i> . <i>Fisheries Science</i> , 2021, 87, 353-363.	0.7	4
49	Periodic changes in the growth performance and biochemical composition of juvenile red sea bream <i>Pagrus major</i> fed non-heated and heated squid and krill meal-based diets. <i>Fisheries Science</i> , 2018, 84, 699-713.	0.7	3
50	The Zebrafish as a Model for Studying Skeletal Development. , 2005, , 283-304.		2
51	Utilization of combined extruded soybean and corn gluten meals as feed ingredients for juvenile rainbow trout, <i>Oncorhynchus mykiss</i> diet. <i>Aquaculture Research</i> , 2020, 51, 3829-3838.	0.9	2
52	Peruvian fish meal has comparative potential to enzyme-treated Chilean fish meal as protein source of diet for larvae and juvenile Pacific bluefin tuna <i>Thunnus orientalis</i> . <i>Fisheries Science</i> , 2022, 88, 161-172.	0.7	2
53	Effects of Non-Heated and Heat Processed Krill and Squid Meal-Based Diet on Growth Performance and Biochemical Composition in Juvenile Pacific Bluefin Tuna <i>Thunnus orientalis</i> . <i>Fishes</i> , 2022, 7, 83.	0.7	2
54	Development of fat soluble vitamins excessive model to prevent malformation of Japanese flounder <i>Paralichthys olivaceus</i> . <i>Nippon Suisan Gakkaishi</i> , 2011, 77, 582-584.	0.0	1

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55	III-6. Larval foods. <i>Nippon Suisan Gakkaishi</i> , 2010, 76, 974.	0.0	0
56	â...j-1. Malformation of vertebral and craniofacial skeleton of Japanese flounder <i>Paralichthys olivaceus</i>. <i>Nippon Suisan Gakkaishi</i> , 2016, 82, 797-797.	0.0	0