

# Koji Murashita

## List of Publications by Year in descending order

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57  
papers

2,294  
citations

257357

24  
h-index

214721

47  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of recombinant leptin and its effects on food intake in rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 377-384.	0.7	188
2	Leptin and leptin receptor genes in Atlantic salmon: Cloning, phylogeny, tissue distribution and expression correlated to long-term feeding status. <i>General and Comparative Endocrinology</i> , 2010, 168, 55-70.	0.8	167
3	Appetite-Controlling Endocrine Systems in Teleosts. <i>Frontiers in Endocrinology</i> , 2017, 8, 73.	1.5	163
4	Ghrelin, cholecystokinin, and peptide YY in Atlantic salmon ( <i>Salmo salar</i> ): Molecular cloning and tissue expression. <i>General and Comparative Endocrinology</i> , 2009, 160, 223-235.	0.8	128
5	Genomic characterization of multiple leptin genes and a leptin receptor gene in the Japanese medaka, <i>Oryzias latipes</i> . <i>General and Comparative Endocrinology</i> , 2009, 161, 229-237.	0.8	123
6	A homologous salmonid leptin radioimmunoassay indicates elevated plasma leptin levels during fasting of rainbow trout. <i>General and Comparative Endocrinology</i> , 2009, 162, 307-312.	0.8	120
7	Characterization, tissue distribution, and regulation of agouti-related protein (AgRP), cocaine- and amphetamine-regulated transcript (CART) and neuropeptide Y (NPY) in Atlantic salmon ( <i>Salmo salar</i> ). <i>General and Comparative Endocrinology</i> , 2009, 162, 160-171.	0.8	113
8	Leptin and ghrelin in anadromous Arctic charr: Cloning and change in expressions during a seasonal feeding cycle. <i>General and Comparative Endocrinology</i> , 2010, 165, 136-143.	0.8	95
9	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.	0.8	91
10	Postprandial effects on appetite-related neuropeptide expression in the brain of Atlantic salmon, <i>Salmo salar</i> . <i>General and Comparative Endocrinology</i> , 2011, 171, 359-366.	0.8	86
11	Leptin reduces Atlantic salmon growth through the central pro-opiomelanocortin pathway. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2011, 158, 79-86.	0.8	76
12	Leptin receptor-deficient (knockout) medaka, <i>Oryzias latipes</i> , show chronic up-regulated levels of orexigenic neuropeptides, elevated food intake and stage specific effects on growth and fat allocation. <i>General and Comparative Endocrinology</i> , 2014, 195, 9-20.	0.8	69
13	Changes in cholecystokinin and peptide Y gene expression with feeding in yellowtail ( <i>Seriola</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Physiology - B <i>Biochemistry and Molecular Biology</i> , 2007, 146, 318-325.	0.7	59
14	Influence of salinity on morphological deformities in cultured larvae of Japanese eel, <i>Anguilla japonica</i> , at completion of yolk resorption. <i>Aquaculture</i> , 2009, 293, 113-118.	1.7	59
15	Influence of Water Temperature on Morphological Deformities in Cultured Larvae of Japanese Eel, <i>Anguilla japonica</i> , at Completion of Yolk Resorption. <i>Journal of the World Aquaculture Society</i> , 2008, 39, 726-735.	1.2	54
16	Genomic characterization and tissue distribution of leptin receptor and leptin receptor overlapping transcript genes in the pufferfish, <i>Takifugu rubripes</i> . <i>General and Comparative Endocrinology</i> , 2008, 158, 108-114.	0.8	54
17	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 &amp; Integrative Physiology</i> , 2008, 150, 438-443.	0.8	49
18	Molecular Cloning and Functional Expression of Atlantic Salmon Peptide Transporter 1 in <i>Xenopus</i> Oocytes Reveals Efficient Intestinal Uptake of Lysine-Containing and Other Bioactive Di- and Tripeptides in Teleost Fish. <i>Journal of Nutrition</i> , 2010, 140, 893-900.	1.3	45

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19	Effects of dietary soybean meal on the digestive physiology of red seabream <i>Pagrus major</i> . <i>Aquaculture</i> , 2018, 493, 219-228.	1.7	41
20	Multiple cocaine- and amphetamine-regulated transcript (CART) genes in medaka, <i>Oryzias latipes</i> : Cloning, tissue distribution and effect of starvation. <i>General and Comparative Endocrinology</i> , 2011, 170, 494-500.	0.8	40
21	Characterization and tissue distribution of multiple agouti-family genes in pufferfish, <i>Takifugu rubripes</i> . <i>Peptides</i> , 2006, 27, 3165-3175.	1.2	39
22	Leptin receptor-deficient (knockout) medaka, <i>Oryzias latipes</i> , show chronic up-regulated levels of orexigenic neuropeptides, elevated food intake and stage specific effects on growth and fat allocation. <i>General and Comparative Endocrinology</i> , 2014, 195, 9-20.	0.8	35
23	Characterization and ontogenetic development of digestive enzymes in Pacific bluefin tuna <i>Thunnus orientalis</i> larvae. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1741-1755.	0.9	31
24	A step forward in development of fish protein hydrolysate-based diets for larvae of Japanese eel <i>Anguilla japonica</i> . <i>Fisheries Science</i> , 2013, 79, 681-688.	0.7	26
25	Partial characterization and ontogenetic development of pancreatic digestive enzymes in Japanese eel <i>Anguilla japonica</i> larvae. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 895-905.	0.9	24
26	Effects of dietary soybean meal on the bile physiology in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2018, 490, 303-310.	1.7	24
27	Yellowtail insulin-like growth factor 1: molecular cloning and response to various nutritional conditions. <i>Domestic Animal Endocrinology</i> , 2012, 42, 220-229.	0.8	22
28	Effects of biotechnologically processed soybean meals in a nonfishmeal diet on growth performance, bile acid status, and morphological condition of the distal intestine and liver of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fisheries Science</i> , 2013, 79, 447-457.	0.7	21
29	Effect of a plant-based low-fishmeal diet on digestive physiology in yellowtail <i>Seriola quinqueradiata</i> . <i>Aquaculture</i> , 2019, 506, 168-180.	1.7	20
30	The Melanocortin System in Atlantic Salmon ( <i>Salmo salar</i> L.) and Its Role in Appetite Control. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 48.	0.9	20
31	Hypothalamic <i>agrp</i> and <i>pomc</i> mRNA Responses to Gastrointestinal Fullness and Fasting in Atlantic Salmon ( <i>Salmo salar</i> , L.). <i>Frontiers in Physiology</i> , 2020, 11, 61.	1.3	18
32	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 &amp; Integrative Physiology</i> , 2007, 146, 124-130.	0.8	17
33	Postprandial response and tissue distribution of the bile acid synthesis-related genes, <i>cyp7a1</i> , <i>cyp8b1</i> and <i>shp</i> , in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2013, 166, 361-369.	0.8	17
34	Selectively bred juvenile F2 amago salmon <i>Oncorhynchus masou ishikawae</i> fed a low fishmeal diet exhibit growth comparable to unselected juveniles fed a fishmeal-based diet. <i>Fisheries Science</i> , 2015, 81, 83-93.	0.7	14
35	Influence of dietary soy protein and peptide products on bile acid status and distal intestinal morphology of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fisheries Science</i> , 2012, 78, 1273-1283.	0.7	13
36	Decreasing dietary lipids improves larval survival and growth of Japanese eel <i>Anguilla japonica</i> . <i>Fisheries Science</i> , 2014, 80, 581-587.	0.7	13

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37	Homologue gene of bile acid transporters ntcp, asbt, and ost-alpha in rainbow trout <i>Oncorhynchus mykiss</i> : tissue expression, effect of fasting, and response to bile acid administration. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 511-525.	0.9	12
38	Identification and characterization of the Atlantic salmon peptide transporter 1a. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C191-C204.	2.1	11
39	Characterization of digestive physiology in Pacific bluefin tuna <i>Thunnus orientalis</i> juveniles fed a raw fish feed and a commercial diet. <i>Aquaculture</i> , 2021, 538, 736562.	1.7	10
40	Ontogeny of energy homeostatic pathways via neuroendocrine signaling in Atlantic salmon. <i>Developmental Neurobiology</i> , 2010, 70, 649-658.	1.5	8
41	Characterization of differentially expressed genes in liver in response to the rearing temperature of rainbow trout <i>Oncorhynchus mykiss</i> and their heritable differences. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1757-1769.	0.9	8
42	Amago salmon <i>Oncorhynchus masou ishikawae</i> juveniles selectively bred for growth on a low fishmeal diet exhibit a good response to the low fishmeal diet due largely to an increased feed intake with a particular preference for the diet. <i>Aquaculture</i> , 2016, 465, 380-386.	1.7	8
43	Cholecystokinin 1 and 2 in red seabream <i>Pagrus major</i> : molecular cloning, response to feeding, and a potential indicator of dietary protein source quality. <i>Fisheries Science</i> , 2020, 86, 835-849.	0.7	8
44	Leptin receptor-deficient (knockout) zebrafish: Effects on nutrient acquisition. <i>General and Comparative Endocrinology</i> , 2021, 310, 113832.	0.8	8
45	Growth performance and physiological condition of F1 amago salmon <i>Oncorhynchus masou ishikawae</i> juveniles obtained from broodstock with selective breeding for growth on a low fish-meal diet. <i>Fisheries Science</i> , 2014, 80, 569-579.	0.7	7
46	Brain Distribution of 10 cart Transcripts and Their Response to 4 Days of Fasting in Atlantic Salmon ( <i>Salmo salar</i> L.). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
47	Trypsin restoration time in the pyloric ceca of yellowtail <i>Seriola quinqueradiata</i> . <i>Fisheries Science</i> , 2005, 71, 1274-1279.	0.7	6
48	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.	0.7	6
49	Regional Expression of npy mRNA Paralogs in the Brain of Atlantic Salmon ( <i>Salmo salar</i> , L.) and Response to Fasting. <i>Frontiers in Physiology</i> , 2021, 12, 720639.	1.3	6
50	Postprandial changes in Glucagon-like peptide hormones in the teleost Atlantic salmon. <i>FASEB Journal</i> , 2010, 24, lb620.	0.2	5
51	Effect of oral administration of a single bolus of six different protein sources on digestive physiology of red seabream <i>Pagrus major</i> juveniles. <i>Fish Physiology and Biochemistry</i> , 2022, 48, 939-954.	0.9	5
52	Functional characterization of Atlantic salmon ( <i>Salmo salar</i> L.) PepT2 transporters. <i>Journal of Physiology</i> , 2022, 600, 2377-2400.	1.3	4
53	Studies on the regulatory mechanisms of fish appetite and digestion. <i>Nippon Suisan Gakkaishi</i> , 2015, 81, 655-658.	0.0	0
54	Effects of low fishmeal diets on the growth performance and physiological condition of ayu <i>Plecoglossus altivelis</i> . <i>Fisheries Science</i> , 2016, 82, 819-826.	0.7	0

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55	Title is missing!. <i>Comparative Endocrinology</i> , 2010, 36, 280-282.	0.0	0
56	Comparative Characterization of the Atlantic salmon, <i>Salmo salar</i> L., Di/Tripeptide Transporters PepT1a and PepT1b. <i>FASEB Journal</i> , 2019, 33, 729.1.	0.2	0
57	Brain Distribution of Key Neuropeptides Involved in Appetite Control in Atlantic Salmon, <i>Salmo Salar</i> (L.). <i>FASEB Journal</i> , 2019, 33, 729.3.	0.2	0