

Gen Kaneko

List of Publications by Year in descending order

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85
papers

1,073
citations

393982

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h-index

525886

27
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all docs

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docs citations

90
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in lipid distribution and expression of peroxisome proliferator-activated receptor gamma and lipoprotein lipase genes in torafugu and red seabream. <i>General and Comparative Endocrinology</i> , 2013, 184, 51-60.	0.8	55
2	Proteomic and metabolomic basis for improved textural quality in crisp grass carp (<i>Ctenopharyngodon idellus</i> C.et V) fed with a natural dietary pro-oxidant. <i>Food Chemistry</i> , 2020, 325, 126906.	4.2	53
3	Calorie restriction-induced maternal longevity is transmitted to their daughters in a rotifer. <i>Functional Ecology</i> , 2011, 25, 209-216.	1.7	51
4	Smad4-dependent regulation of type I collagen expression in the muscle of grass carp fed with faba bean. <i>Gene</i> , 2019, 685, 32-41.	1.0	45
5	Rapid identification of eels <i>Anguilla japonica</i> and <i>Anguilla anguilla</i> by polymerase chain reaction with single nucleotide polymorphism-based specific probes. <i>Fisheries Science</i> , 2005, 71, 1356-1364.	0.7	44
6	Molecular Characterization of Mn-superoxide Dismutase and Gene Expression Studies in Dietary Restricted <i>Brachionus plicatilis</i> Rotifers. <i>Hydrobiologia</i> , 2005, 546, 117-123.	1.0	34
7	Quantitative phosphoproteomic analysis of soft and firm grass carp muscle. <i>Food Chemistry</i> , 2020, 303, 125367.	4.2	33
8	The molecular mechanisms of life history alterations in a rotifer: a novel approach in population dynamics. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 715-722.	0.7	30
9	Effects of calorie restriction on the expression of manganese superoxide dismutase and catalase under oxidative stress conditions in the rotifer <i>Brachionus plicatilis</i> . <i>Fisheries Science</i> , 2011, 77, 403-409.	0.7	30
10	Comparative analysis of effects of dietary arachidonic acid and EPA on growth, tissue fatty acid composition, antioxidant response and lipid metabolism in juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>British Journal of Nutrition</i> , 2017, 118, 411-422.	1.2	30
11	Changes in expression patterns of stress protein genes during population growth of the rotifer <i>Brachionus plicatilis</i> . <i>Fisheries Science</i> , 2002, 68, 1317-1323.	0.7	29
12	Calorie restriction in the rotifer <i>Brachionus plicatilis</i> enhances hypoxia tolerance in association with the increased mRNA levels of glycolytic enzymes. <i>Hydrobiologia</i> , 2010, 649, 267-277.	1.0	28
13	EST analysis on adipose tissue of rainbow trout <i>Oncorhynchus mykiss</i> and tissue distribution of adiponectin. <i>Gene</i> , 2011, 485, 40-45.	1.0	28
14	Identification of genes differentially expressed by calorie restriction in the rotifer (<i>Brachionus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 2010, 180, 105-116.	0.7	24
15	Effects of four faba bean extracts on growth parameters, textural quality, oxidative responses, and gut characteristics in grass carp. <i>Aquaculture</i> , 2020, 516, 734620.	1.7	23
16	Reactive oxygen species (ROS)-mediated regulation of muscle texture in grass carp fed with dietary oxidants. <i>Aquaculture</i> , 2021, 544, 737150.	1.7	23
17	Hypofrontality and Posterior Hyperactivity in Early Schizophrenia: Imaging and Behavior in a Preclinical Model. <i>Biological Psychiatry</i> , 2017, 81, 503-513.	0.7	22
18	Constitutive Expression of Insulin Receptor Substrate (IRS)-1 Inhibits Myogenic Differentiation through Nuclear Exclusion of Foxo1 in L6 Myoblasts. <i>PLoS ONE</i> , 2011, 6, e25655.	1.1	21

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19	Correlation with larval body size of mRNA levels of growth hormone, growth hormone receptor I and insulin-like growth factor I in larval torafugu <i>Takifugu rubripes</i> . <i>Journal of Fish Biology</i> , 2011, 79, 854-874.	0.7	21
20	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
21	Diversity of Lipid Distribution in Fish Skeletal Muscle. <i>Zoological Science</i> , 2016, 33, 170-178.	0.3	18
22	The occurrence of eukaryotic type III glutamine synthetase in the marine diatom <i>Chaetoceros compressum</i> . <i>Marine Genomics</i> , 2009, 2, 103-111.	0.4	17
23	Insulin-like Growth Factor Signaling Pathway Involved in Regulating Longevity of Rotifers. <i>Hydrobiologia</i> , 2005, 546, 347-352.	1.0	16
24	Effects of feed restriction on the expression profiles of the glucose and fatty acid metabolism-related genes in rainbow trout <i>Oncorhynchus mykiss</i> muscle. <i>Fisheries Science</i> , 2012, 78, 1205-1211.	0.7	16
25	Evaluation of sacha inchi meal as a novel alternative plant protein ingredient for red hybrid tilapia (<i>Oreochromis niloticus</i> × <i>O. mossambicus</i>): Growth performance, feed utilization, blood biochemistry, and histological changes. <i>Animal Feed Science and Technology</i> , 2021, 278, 115004.	1.1	16
26	Replacement of fish meal by black soldier fly larvae meal in diet for goldfish <i>Carassius auratus</i> : Growth performance, hematology, histology, total carotenoids, and coloration. <i>Aquaculture</i> , 2022, 561, 738618.	1.7	15
27	A novel heat stress-responsive gene in the marine diatom <i>Chaetoceros compressum</i> encoding two types of transcripts, a trypsin-like protease and its related protein, by alternative RNA splicing. <i>FEBS Journal</i> , 2001, 268, 4599-4609.	0.2	14
28	Hormone-sensitive lipase in Japanese flounder <i>Paralichthys olivaceus</i> : the potential function of the inclinator muscle of fin as a lipid storage site. <i>Fisheries Science</i> , 2014, 80, 341-351.	0.7	14
29	Utilization of fermented soybeans paste as flavoring lamination for Turkish dry-cured meat. <i>Meat Science</i> , 2017, 127, 35-44.	2.7	14
30	Effects of long-term exposure to high temperature on growth performance, chemical composition, hematological and histological changes, and physiological responses in hybrid catfish [<i>Clarias gariepinus</i> (Burchell, 1822) × <i>C. macrocephalus</i> (Günther, 1864)]. <i>Journal of Thermal Biology</i> , 2022, 105, 103226.	1.1	14
31	Molecular Characterization of Japanese Sillago Vitellogenin and Changes in Its Expression Levels on Exposure to 17 β -Estradiol and 4-tert-Octylphenol. <i>Marine Biotechnology</i> , 2008, 10, 19-30.	1.1	13
32	Assessment of Commercial Quality Evaluation of Yellowfin Tuna <i>Thunnus albacares</i> Meat Based on Myoglobin Properties. <i>Food Science and Technology Research</i> , 2013, 19, 237-243.	0.3	13
33	Application of magnetic resonance technologies in aquatic biology and seafood science. <i>Fisheries Science</i> , 2019, 85, 1-17.	0.7	13
34	Different effects of growth hormone and fasting on the induction patterns of two hormone-sensitive lipase genes in red seabream <i>Pagrus major</i> . <i>General and Comparative Endocrinology</i> , 2016, 236, 121-130.	0.8	12
35	Clinical trials of inhaled beclomethasone and mometasone for COVID-19 should be conducted. <i>Journal of Medical Virology</i> , 2021, 93, 637-638.	2.5	12
36	The complex evolution of the metazoan HSP70 gene family. <i>Scientific Reports</i> , 2021, 11, 17794.	1.6	11

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37	DNA microarray analysis on gene candidates possibly related to tetrodotoxin accumulation in pufferfish. <i>Toxicon</i> , 2014, 77, 68-72.	0.8	10
38	Insulin/insulin-like growth factor-like activity in the aqueous extracts of the rotifer <i>Brachionus plicatilis</i> . <i>Fisheries Science</i> , 2013, 79, 47-53.	0.7	9
39	cDNA cloning of two types of growth hormone receptor in torafugu <i>Takifugu rubripes</i> : tissue distribution is possibly correlated to lipid accumulation patterns. <i>Fisheries Science</i> , 2011, 77, 855-865.	0.7	8
40	Distribution of adipocyte-related cells in skeletal muscle of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fisheries Science</i> , 2013, 79, 143-148.	0.7	8
41	Changes in physicochemical properties of proteins in Kayserian Pastirma made from the M. semimembranosus muscle of cows during traditional processing. <i>Food Science and Human Wellness</i> , 2013, 2, 46-55.	2.2	8
42	DNA Microarray Analysis on the Genes Differentially Expressed in the Liver of the Pufferfish, <i>Takifugu rubripes</i> , Following an Intramuscular Administration of Tetrodotoxin. <i>Microarrays (Basel)</i> , 2014, 10, 537-550.	1.0	5
43	Systemic effect of dietary lipid levels and α -lipoic acid supplementation on nutritional metabolism in zebrafish (<i>Danio rerio</i>): focusing on the transcriptional level. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1631-1644.	0.9	8
44	Key Factors Affecting the Flesh Flavor Quality and the Nutritional Value of Grass Carp in Four Culture Modes. <i>Foods</i> , 2021, 10, 2075.	1.9	8
45	Safety evaluation of four faba bean extracts used as dietary supplements in grass carp culture based on hematological indices, hepatopancreatic function and nutritional condition. <i>PeerJ</i> , 2020, 8, e9516.	0.9	8
46	Effects of dietary <i>Hericium erinaceus</i> powder on growth, hematology, disease resistance, and expression of genes related immune response against thermal challenge of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Applied Aquaculture</i> , 2021, 43, 1-10.	1.0	8
47	Studies on the Cellulose-Degrading System in a Shipworm and its Potential Applications. <i>Energy Procedia</i> , 2012, 18, 1271-1274.	1.8	7
48	Sacha inchi meal as a fish-meal replacer in red hybrid tilapia (<i>Oreochromis niloticus</i> × <i>O. mossambicus</i>) feeds: effects on dietary digestibility, growth metrics, hematology, and liver and intestinal histology. <i>Aquaculture International</i> , 2022, 30, 677-698.	1.1	7
49	Comparison in taste and extractive components of boiled dorsal muscle and broth from half-smooth golden puffer <i>Lagocephalus spadiceus</i> caught in Japan with those of the same fish imported. <i>Fisheries Science</i> , 2013, 79, 327-334.	0.7	6
50	Proteins degradation value in cured meat product made from M. Cutaneous-omo brachialis muscle of bovine. <i>European Food Research and Technology</i> , 2014, 238, 387-396.	1.6	6
51	Making Sense of Genetic Information: The Promising Evolution of Clinical Stratification and Precision Oncology Using Machine Learning. <i>Genes</i> , 2021, 12, 722.	1.0	6
52	MicroRNA-dependent regulation of targeted mRNAs for improved muscle texture in crisp grass carp fed with broad bean. <i>Food Research International</i> , 2022, 155, 111071.	2.9	6
53	Isolation of microsatellite markers by in silico screening implicated for genetic linkage mapping in Japanese pufferfish <i>Takifugu rubripes</i> . <i>Fisheries Science</i> , 2004, 70, 620-628.	0.7	5
54	Value-Added Carp Products: Multi-Class Evaluation of Crisp Grass Carp by Machine Learning-Based Analysis of Blood Indexes. <i>Foods</i> , 2020, 9, 1615.	1.9	5

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55	Insulin-like growth factor signaling pathway involved in regulating longevity of rotifers. , 2005, , 347-352.		5
56	Growth performance, intestinal microbiota and immune response of grass carp fed isonitrogenous and isoenergetic diets containing faba bean extracts. Aquaculture Reports, 2022, 22, 100924.	0.7	5
57	A novel growth-promoting protein in the conditioned media from the rotifer <i>Brachionus plicatilis</i> at an early exponential growth phase. Hydrobiologia, 2011, 667, 101-117.	1.0	4
58	Identification and gene expression profile analysis of a major type of lipoprotein lipase in adult medaka <i>Oryzias latipes</i> . Fisheries Science, 2015, 81, 163-173.	0.7	4
59	A genome-wide screening of the 70 kDa heat shock protein (HSP70) genes in the rotifer <i>Brachionus plicatilis sensu stricto</i> with a characterization of two heat-inducible HSP70 genes. Cell Stress and Chaperones, 2023, 28, 583-594.	1.2	4
60	The Hot-Water Extract of <i>Sargassum</i> sp. as a Feed Ingredient for Spotted Scat (<i>Scatophagus argus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Body Composition. Fishes, 2022, 7, 170.	0.7	4
61	cDNA cloning and primary structure analysis of transglutaminase from bluefin tuna <i>Thunnus orientalis</i> . Fisheries Science, 2012, 78, 667-674.	0.7	3
62	Evaluation of health status of the striped catfish <i>Pangasianodon hypophthalmus</i> (Sauvage, 1878) from Khlong Saen Saep, Thailand: The use of integrated biomarkers. Human and Ecological Risk Assessment (HERA), 2021, 27, 938-953.	1.7	3
63	Gene expression pattern during population growth of the rotifer <i>Brachionus plicatilis</i> . Fisheries Science, 2002, 68, 793-796.	0.7	3
64	Molecular characterization of Mn-superoxide dismutase and gene expression studies in dietary restricted <i>Brachionus plicatilis</i> rotifers. , 2005, , 117-123.		3
65	An update on the evolutionary origin of aglomerular kidney with structural and ultrastructural descriptions of the kidney in three fish species. Journal of Fish Biology, 2022, , .	0.7	3
66	I-3. Biochemical changes in fish muscle by environmental adaptation. Nippon Suisan Gakkaishi, 2012, 78, 72.	0.0	2
67	Molecular cloning and localization of GABA _A receptor-associated protein in the rotifer <i>Brachionus plicatilis</i> . International Review of Hydrobiology, 2014, 99, 188-197.	0.5	2
68	Aging and Lifespan in the Rotifer. Fisheries Science Series, 2017, , 111-128.	0.5	2
69	Lipid distribution patterns of nine commercial fish in Thailand. Aquaculture Research, 2019, 50, 1348-1360.	0.9	2
70	Ethanol extends lifespan of the rotifer <i>Brachionus plicatilis</i> . Hydrobiologia, 2019, 844, 183-190.	1.0	2
71	Body Size Distribution and Ovarian Histology of <i>Pisodonophis boro</i> (Hamilton, 1822) (Anguilliformes:) Tj ETQq1 1 0.784314 rgBT /Over Sciences, 2020, 20, .	0.1	2
72	Expression patterns of heat shock genes during population dynamics of the rotifer <i>Brachionus plicatilis</i> . Fisheries Science, 2002, 68, 1311-1312.	0.7	1

