Gen Kaneko

List of Publications by Year
in descending order

85	1,073	394286 19	526166 27
papers	citations	h-index	g-index

90	90	90	908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genome-wide screening of the 70 kDa heat shock protein (HSP70) genes in the rotifer Brachionus plicatilis sensu stricto with a characterization of two heat-inducible HSP70 genes. Cell Stress and Chaperones, 2023, 28, 583-594.	1.2	4
2	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
3	Sacha inchi meal as a fish-meal replacer in red hybrid tilapia (Oreochromis niloticusâ€‰Ã—â€‰O. mossambicus) feeds: effects on dietary digestibility, growth metrics, hematology, and liver and intestinal histology. Aquaculture International, 2022, 30, 677-698.	1.1	7
4	Effects of long-term exposure to high temperature on growth performance, chemical composition, hematological and histological changes, and physiological responses in hybrid catfish [â™‚Clarias gariepinus (Burchell, 1822) Ã—â™€C. macrocephalus (GÃ¼nther, 1864)]. Journal of Thermal Biology, 2022, 105, 103226.	1.1	14
5	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
6	MicroRNA-dependent regulation of targeted mRNAs for improved muscle texture in crisp grass carp fed with broad bean. Food Research International, 2022, 155, 111071.	2.9	6
7	Effects of dietary Hericium erinaceus powder on growth, hematology, disease resistance, and expression of genes related immune response against thermal challenge of Nile tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	8
8	The Hot-Water Extract of Sargassum sp. as a Feed Ingredient for Spotted Scat (Scatophagus argus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Body Composition. Fishes, 2022, 7, 170.	0.7	4
9	Replacement of fish meal by black soldier fly larvae meal in diet for goldfish Carassius auratus: Growth performance, hematology, histology, total carotenoids, and coloration. Aquaculture, 2022, 561, 738618.	1.7	15
10	Clinical trials of inhaled beclomethasone and mometasone for COVIDâ€19 should be conducted. Journal of Medical Virology, 2021, 93, 637-638.	2.5	12
11	Evaluation of health status of the striped catfishPangasianodon hypophthalmus(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
12	Bumpy Patches: Analgesic Effects of Particle Pressure in Sports Injury Treatment. Advanced Biomedical Engineering, 2021, 10, 123-128.	0.4	0
13	Forkhead transcription factor O1 (FoxO1) in torafugu pufferfish Takifugu rubripes: Molecular cloning, in vitro DNA binding, and target gene screening in fish metagenome. Gene, 2021, 768, 145335.	1.0	1
14	Making Sense of Genetic Information: The Promising Evolution of Clinical Stratification and Precision Oncology Using Machine Learning. Genes, 2021, 12, 722.	1.0	6
15	Evaluation of sacha inchi meal as a novel alternative plant protein ingredient for red hybrid tilapia (Oreochromis niloticusÃ—O. mossambicus): Growth performance, feed utilization, blood biochemistry, and histological changes. Animal Feed Science and Technology, 2021, 278, 115004.	1.1	16
16	Key Factors Affecting the Flesh Flavor Quality and the Nutritional Value of Grass Carp in Four Culture Modes. Foods, 2021, 10, 2075.	1.9	8
17	The complex evolution of the metazoan HSP70 gene family. Scientific Reports, 2021, 11, 17794.	1.6	11
18	Phylogenetic position of the Atlantic Gnomefish, Scombrops oculatus (Teleostei: Scombropidae), within the genus Scombrops, inferred from the sequences of complete mitochondrial genome and cytochrome c oxidase subunit I genes. Mitochondrial DNA Part B: Resources, 2021, 6, 2852-2855.	0.2	1

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19	Reactive oxygen species (ROS)-mediated regulation of muscle texture in grass carp fed with dietary oxidants. Aquaculture, 2021, 544, 737150.	1.7	23
20	Impact of Pre-Mortem Factors on Meat Quality: An Update. Foods, 2021, 10, 2749.	1.9	1
21	Effects of four faba bean extracts on growth parameters, textural quality, oxidative responses, and gut characteristics in grass carp. Aquaculture, 2020, 516, 734620.	1.7	23
22	Quantitative phosphoproteomic analysis of soft and firm grass carp muscle. Food Chemistry, 2020, 303, 125367.	4.2	33
23	Value-Added Carp Products: Multi-Class Evaluation of Crisp Grass Carp by Machine Learning-Based Analysis of Blood Indexes. Foods, 2020, 9, 1615.	1.9	5
24	Systemic effect of dietary lipid levels and Î±-lipoic acid supplementation on nutritional metabolism in zebrafish (Danio rerio): focusing on the transcriptional level. Fish Physiology and Biochemistry, 2020, 46, 1631-1644.	0.9	8
25	Proteomic and metabolomic basis for improved textural quality in crisp grass carp (Ctenopharyngodon idellus C.et V) fed with a natural dietary pro-oxidant. Food Chemistry, 2020, 325, 126906.	4.2	53
26	Body Size Distribution and Ovarian Histology of Pisodonophis boro (Hamilton, 1822) (Anguillifomes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Sciences, 2020, 20, .	0.1	2
27	Safety evaluation of four faba bean extracts used as dietary supplements in grass carp culture based on hematological indices, hepatopancreatic function and nutritional condition. PeerJ, 2020, 8, e9516.	0.9	8
28	Gastrointestinal Tract and Accessory Organs in the Spotted Bent-toed Gecko, Cyrtodactylus peguensis (Boulenger, 1893): A Histological and Histochemical Study. Journal of Morphological Sciences, 2019, 36, 223-230.	0.2	1
29	Lipid distribution patterns of nine commercial fish in Thailand. Aquaculture Research, 2019, 50, 1348-1360.	0.9	2
30	Molecular characterization and homology modeling of liver X receptor in Asian seabass, Lates calcarifer: predicted functions in reproduction and lipid metabolism. Fish Physiology and Biochemistry, 2019, 45, 523-538.	0.9	1
31	Smad4-dependent regulation of type I collagen expression in the muscle of grass carp fed with faba bean. Gene, 2019, 685, 32-41.	1.0	45
32	Application of magnetic resonance technologies in aquatic biology and seafood science. Fisheries Science, 2019, 85, 1-17.	0.7	13
33	Ethanol extends lifespan of the rotifer Brachionus plicatilis. Hydrobiologia, 2019, 844, 183-190.	1.0	2
34	Hypofrontality and Posterior Hyperactivity in Early Schizophrenia: Imaging and Behavior in a Preclinical Model. Biological Psychiatry, 2017, 81, 503-513.	0.7	22
35	Utilization of fermented soybeans paste as flavoring lamination for Turkish dry-cured meat. Meat Science, 2017, 127, 35-44.	2.7	14
36	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,Ctenopharyngodon idellus. British Journal of Nutrition, 2017, 118, 411-422.	1.2	30

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37	Aging and Lifespan in the Rotifer. Fisheries Science Series, 2017, , 111-128.	0.5	2
38	Diversity of Lipid Distribution in Fish Skeletal Muscle. Zoological Science, 2016, 33, 170-178.	0.3	18
39	Different effects of growth hormone and fasting on the induction patterns of two hormone-sensitive lipase genes in red seabream Pagrus major. General and Comparative Endocrinology, 2016, 236, 121-130.	0.8	12
40	Measurement of Survival Time in Brachionus Rotifers: Synchronization of Maternal Conditions. Journal of Visualized Experiments, 2016, , .	0.2	0
41	Short-term fasting increases skeletal muscle lipid content in association with enhanced mRNA levels of lipoprotein lipase 1 in lean juvenile red seabream (Pagrus major). Aquaculture, 2016, 452, 160-168.	1.7	21
42	Identification and gene expression profile analysis of a major type of lipoprotein lipase in adult medaka Oryzias latipes. Fisheries Science, 2015, 81, 163-173.	0.7	4
43	Isolation and characterization of cellulolytic bacteria from the shipworm Teredo navalis .. MOKUZAI HOZON (Wood Protection), 2014, 40, 261-268.	0.1	0
44	DNA Microarray Analysis on the Genes Differentially Expressed in the Liver of the Pufferfish, Takifugu rubripes, Following an Intramuscular Administration of Tetrodotoxin. Microarrays (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (S	1.4	16
45	Hormone-sensitive lipase in Japanese flounder Paralichthys olivaceus: the potential function of the inclinator muscle of fin as a lipid storage site. Fisheries Science, 2014, 80, 341-351.	0.7	14
46	DNA microarray analysis on gene candidates possibly related to tetrodotoxin accumulation in pufferfish. Toxicon, 2014, 77, 68-72.	0.8	10
47	Proteins degradation value in cured meat product made from M. Cutaneous-omo brachialis muscle of bovine. European Food Research and Technology, 2014, 238, 387-396.	1.6	6
48	Molecular cloning and localization of GABA_A receptorâ€associated protein in the rotifer Brachionus plicatilis. International Review of Hydrobiology, 2014, 99, 188-197.	0.5	2
49	Molecular mechanisms underlying population dynamics of the rotifer Brachionus plicatilis. Nippon Suisan Gakkaishi, 2014, 80, 537-540.	0.0	0
50	Comparison in taste and extractive components of boiled dorsal muscle and broth from half-smooth golden puffer Lagocephalus spadiceus caught in Japan with those of the same fish imported. Fisheries Science, 2013, 79, 327-334.	0.7	6
51	Insulin/insulin-like growth factor-like activity in the aqueous extracts of the rotifer Brachionus plicatilis. Fisheries Science, 2013, 79, 47-53.	0.7	9
52	Distribution of adipocyte-related cells in skeletal muscle of rainbow trout Oncorhynchus mykiss. Fisheries Science, 2013, 79, 143-148.	0.7	8
53	Differences in lipid distribution and expression of peroxisome proliferator-activated receptor gamma and lipoprotein lipase genes in torafugu and red seabream. General and Comparative Endocrinology, 2013, 184, 51-60.	0.8	55
54	Changes in physicochemical properties of proteins in Kayserian Pastirma made from the M. semimembranosus muscle of cows during traditional processing. Food Science and Human Wellness, 2013, 2, 46-55.	2.2	8

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55	Effects of short-term cold acclimation on FoF1-ATPase activity in skeletal muscle of red seabreamPagrus major(Temminck & Schlegel). Aquaculture Research, 2013, 45, n/a-n/a.	0.9	0
56	Assessment of Commercial Quality Evaluation of Yellowfin Tuna Thunnus albacares Meat Based on Myoglobin Properties. Food Science and Technology Research, 2013, 19, 237-243.	0.3	13
57	I-3. Biochemical changes in fish muscle by environmental adaptation. Nippon Suisan Gakkaishi, 2012, 78, 72.	0.0	2
58	Studies on the Cellulose-Degrading System in a Shipworm and its Potential Applications. Energy Procedia, 2012, 18, 1271-1274.	1.8	7
59	Effects of feed restriction on the expression profiles of the glucose and fatty acid metabolism-related genes in rainbow trout Oncorhynchus mykiss muscle. Fisheries Science, 2012, 78, 1205-1211.	0.7	16
60	cDNA cloning and primary structure analysis of transglutaminase from bluefin tuna Thunnus orientalis. Fisheries Science, 2012, 78, 667-674.	0.7	3
61	EST analysis on adipose tissue of rainbow trout Oncorhynchus mykiss and tissue distribution of adiponectin. Gene, 2011, 485, 40-45.	1.0	28
62	Constitutive Expression of Insulin Receptor Substrate (IRS)-1 Inhibits Myogenic Differentiation through Nuclear Exclusion of Foxo1 in L6 Myoblasts. PLoS ONE, 2011, 6, e25655.	1.1	21
63	ãƒ¯ãƒã‚·å€‹ä½“æ•°å‰å‹•ã®å^†åç”Ÿæ§‹é«˜ã„ç'°å¢ƒé©å¿œåŠ›ã®è¬Žã'æŽ¢ã‚‹. Kagaku To Seibutsu, 2011, 49, 736-738.	0.0	0
64	Calorie restrictionâ€induced maternal longevity is transmitted to their daughters in a rotifer. Functional Ecology, 2011, 25, 209-216.	1.7	51
65	Correlation with larval body size of mRNA levels of growth hormone, growth hormone receptor I and insulin-like growth factor I in larval torafugu Takifugu rubripes. Journal of Fish Biology, 2011, 79, 854-874.	0.7	21
66	A novel growth-promoting protein in the conditioned media from the rotifer Brachionus plicatilis at an early exponential growth phase. Hydrobiologia, 2011, 667, 101-117.	1.0	4
67	Effects of calorie restriction on the expression of manganese superoxide dismutase and catalase under oxidative stress conditions in the rotifer Brachionus plicatilis. Fisheries Science, 2011, 77, 403-409.	0.7	30
68	cDNA cloning of two types of growth hormone receptor in torafugu Takifugu rubripes: tissue distribution is possibly correlated to lipid accumulation patterns. Fisheries Science, 2011, 77, 855-865.	0.7	8
69	Identification of genes differentially expressed by calorie restriction in the rotifer (Brachionus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2010, 180, 105-116.	0.7	24
70	Calorie restriction in the rotifer Brachionus plicatilis enhances hypoxia tolerance in association with the increased mRNA levels of glycolytic enzymes. Hydrobiologia, 2010, 649, 267-277.	1.0	28
71	The occurrence of eukaryotic type III glutamine synthetase in the marine diatom Chaetoceros compressum. Marine Genomics, 2009, 2, 103-111.	0.4	17
72	Molecular Characterization of Japanese Sillago Vitellogenin and Changes in Its Expression Levels on Exposure to 17Î²-Estradiol and 4-tert-Octylphenol. Marine Biotechnology, 2008, 10, 19-30.	1.1	13

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73	P-97 INSULIN/IGF PATHWAY POSSIBLY REGULATES THE POPULATION DYNAMICS OF ROTIFER. Growth Hormone and IGF Research, 2006, 16, S41.	0.5	1
74	Rapid identification of eels Anguilla japonica and Anguilla anguilla by polymerase chain reaction with single nucleotide polymorphism-based specific probes. Fisheries Science, 2005, 71, 1356-1364.	0.7	44
75	Molecular Characterization of Mn-superoxide Dismutase and Gene Expression Studies in Dietary Restricted Brachionus plicatilis Rotifers. Hydrobiologia, 2005, 546, 117-123.	1.0	34
76	Insulin-like Growth Factor Signaling Pathway Involved in Regulating Longevity of Rotifers. Hydrobiologia, 2005, 546, 347-352.	1.0	16
77	Insulin-like growth factor signaling pathway involved in regulating longevity of rotifers. , 2005, , 347-352.		5
78	Molecular characterization of Mn-superoxide dismutase and gene expression studies in dietary restricted Brachionus plicatilis rotifers. , 2005, , 117-123.		3
79	Isolation of microsatellite markers by in silico screening implicated for genetic linkage mapping in Japanese pufferfish Takifugu rubripes. Fisheries Science, 2004, 70, 620-628.	0.7	5
80	The molecular mechanisms of life history alterations in a rotifer: a novel approach in population dynamics. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 715-722.	0.7	30
81	Expression patterns of heat shock genes during population dynamics of the rotifer Brachionus plicatilis. Fisheries Science, 2002, 68, 1311-1312.	0.7	1
82	Changes in expression patterns of stress protein genes during population growth of the rotifer Brachionus plicatilis. Fisheries Science, 2002, 68, 1317-1323.	0.7	29
83	Gene expression pattern during population growth of the rotifer Brachionus plicatilis. Fisheries Science, 2002, 68, 793-796.	0.7	3
84	A novel heat stress-responsive gene in the marine diatomChaetoceros compressumencoding two types of transcripts, a trypsin-like protease and its related protein, by alternative RNA splicing. FEBS Journal, 2001, 268, 4599-4609.	0.2	14
85	Immunoreactivity of estrogen receptor alpha in brain and ovary of the short mackerel Rastrelliger brachysoma (Bleeker, 1851). Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 50-63.	0.2	1