

Kei Nakayama

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,197
citations

361413

20
h-index

395702

33
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56
all docs

56
docs citations

56
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	Major histocompatibility III ² diversity and peptide-binding groove properties associated with red sea bream iridovirus resistance. <i>Aquaculture</i> , 2022, 552, 738038.	3.5	1
2	Heavy oil exposure suppresses antiviral activities in Japanese flounder <i>Paralichthys olivaceus</i> infected with viral hemorrhagic septicemia virus (VHSV). <i>Fish and Shellfish Immunology</i> , 2022, , .	3.6	0
3	Emission of Dioxin-like Compounds and Flame Retardants from Commercial Facilities Handling Deca-BDE and Their Downstream Sewage Treatment Plants. <i>Environmental Science & Technology</i> , 2021, 55, 2324-2335.	10.0	13
4	Aryl Hydrocarbon Receptor Signaling Is Functional in Immune Cells of Rainbow Trout (<i>Oncorhynchus tshawytscha</i>) Tj ETQq0 0 0 4.9 / Overlock 10 TF	4.9	12
5	Development of a novel RSIVD-resistant strain of red sea bream (<i>Pagrus major</i>) by marker-assisted selection combined with DNA-based family selection. <i>Aquaculture</i> , 2019, 506, 188-192.	3.5	5
6	Atlas of the telencephalon based on cytoarchitecture, neurochemical markers, and gene expressions in <i>Rhinogobius flumineus</i> [Mizuno, 1960]. <i>Journal of Comparative Neurology</i> , 2019, 527, 874-900.	1.6	13
7	Toxicity Assessment of Sediments Collected from Hiroshima Bay, Japan, Using Java Medaka Embryos. <i>Journal of the Japan Institute of Marine Engineering</i> , 2019, 54, 860-864.	0.0	0
8	Identification, Characterization, and Mapping of a Novel SNP Associated with Body Color Transparency in Juvenile Red Sea Bream (<i>Pagrus major</i>). <i>Marine Biotechnology</i> , 2018, 20, 481-489.	2.4	7
9	Analysis of genes encoding high-antigenicity polypeptides in three serotypes of <i>Miamiensis avidus</i> . <i>Parasitology International</i> , 2018, 67, 196-202.	1.3	3
10	Extracellular Proteinases of <i>Miamiensis avidus</i> Causing Scuticociliatosis are Potential Virulence Factors. <i>Fish Pathology</i> , 2018, 53, 1-9.	0.7	3
11	Measurement of Tunic Hardness in an Edible Ascidian, <i>Halocynthia roretzi</i> , with Remarks on Soft Tunic Syndrome. <i>Zoological Science</i> , 2018, 35, 548-552.	0.7	4
12	Molecular cloning, characterization and expression analysis of complement components in red sea bream (<i>Pagrus major</i>) after <i>Edwardsiella tarda</i> and red sea bream Iridovirus (RSIV) challenge. <i>Fish and Shellfish Immunology</i> , 2018, 82, 286-295.	3.6	3
13	Cellular and molecular hypoxic response in common carp (<i>Cyprinus carpio</i>) exposed to linear alkylbenzene sulfonate at sublethal concentrations. <i>Environmental Toxicology</i> , 2017, 32, 122-130.	4.0	3
14	Use of common carp (<i>Cyprinus carpio</i>) and <i>Aeromonas salmonicida</i> for detection of immunomodulatory effects of chemicals on fish. <i>Marine Pollution Bulletin</i> , 2017, 124, 710-713.	5.0	15
15	Tributyltin exposure increases mortality of nodavirus infected Japanese medaka <i>Oryzias latipes</i> larvae. <i>Marine Pollution Bulletin</i> , 2017, 124, 835-838.	5.0	4
16	Nervous system disruption and swimming abnormality in early-hatched pufferfish (<i>Takifugu niphobles</i>) larvae caused by pyrene is independent of aryl hydrocarbon receptors. <i>Marine Pollution Bulletin</i> , 2017, 124, 792-797.	5.0	4
17	Identification of Quantitative Trait Loci for Resistance to RSIVD in Red Sea Bream (<i>Pagrus major</i>). <i>Marine Biotechnology</i> , 2017, 19, 601-613.	2.4	29
18	Alteration of development and gene expression induced by in ovo -nanoinjection of 3-hydroxybenzo[c]phenanthrene into Japanese medaka (<i>Oryzias latipes</i>) embryos. <i>Aquatic Toxicology</i> , 2017, 182, 194-204.	4.0	12

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19	Occurrence of glucocorticoids discharged from a sewage treatment plant in Japan and the effects of clobetasol propionate exposure on the immune responses of common carp (<i>Cyprinus carpio</i>) to bacterial infection. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 946-952.	4.3	19
20	Cellulose is not degraded in the tunic of the edible ascidian <i>Halocynthia roretzi</i> contracting soft tunic syndrome. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 143-148.	1.0	4
21	Determination of natural and synthetic glucocorticoids in effluent of sewage treatment plants using ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14127-14135.	5.3	36
22	Detection of glucocorticoid receptor agonists in effluents from sewage treatment plants in Japan. <i>Science of the Total Environment</i> , 2015, 527-528, 328-334.	8.0	32
23	RNA Sequencing Revealed Numerous Polyketide Synthase Genes in the Harmful Dinoflagellate <i>Karenia mikimotoi</i> . <i>PLoS ONE</i> , 2015, 10, e0142731.	2.5	37
24	Pyrene induces a reduction in midbrain size and abnormal swimming behavior in early-hatched pufferfish larvae. <i>Marine Pollution Bulletin</i> , 2014, 85, 479-486.	5.0	8
25	Uptake and biological effects of synthetic glucocorticoids in common carp (<i>Cyprinus carpio</i>). <i>Marine Pollution Bulletin</i> , 2014, 85, 370-375.	5.0	11
26	Effects of persistent organochlorine exposure on the liver transcriptome of the common minke whale (<i>Balaenoptera acutorostrata</i>) from the North Pacific. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 95-105.	6.0	6
27	Host responses of Japanese flounder <i>Paralichthys olivaceus</i> with <i>Alymphocystis</i> cell formation. <i>Fish and Shellfish Immunology</i> , 2014, 38, 406-411.	3.6	20
28	Nervous system disruption and concomitant behavioral abnormality in early hatched pufferfish larvae exposed to heavy oil. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2488-2497.	5.3	24
29	Gas chromatography-mass spectrometry for metabolite profiling of Japanese medaka (<i>Oryzias latipes</i>) juveniles exposed to malathion. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2595-2605.	5.3	20
30	Effect of heavy oil exposure on antibacterial activity and expression of immune-related genes in Japanese flounder <i>Paralichthys olivaceus</i> . <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 828-835.	4.3	18
31	A time-course study of immune response in Japanese flounder <i>Paralichthys olivaceus</i> exposed to heavy oil. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2300-2304.	5.3	13
32	Molecular Cloning, Sequencing, and Gene Expression Analysis of Tributyltin-Binding Protein Type 1 in Japanese Medaka Fish, <i>Oryzias latipes</i> . <i>Zoological Science</i> , 2011, 28, 281-285.	0.7	5
33	Integrative assessment of potential effects of dioxins and related compounds in wild Baikal seals (<i>Pusa sibirica</i>): Application of microarray and biochemical analyses. <i>Aquatic Toxicology</i> , 2011, 105, 89-99.	4.0	13
34	Induction of tributyltin-binding protein type 2 in Japanese flounder, <i>Paralichthys olivaceus</i> , by exposure to tributyltin-d27. <i>Marine Pollution Bulletin</i> , 2011, 62, 412-414.	5.0	11
35	Contamination status of POPs and BFRs and relationship with parasitic infection in finless porpoises (<i>Neophocaena phocaenoides</i>) from Seto Inland Sea and Omura Bay, Japan. <i>Marine Pollution Bulletin</i> , 2011, 63, 564-571.	5.0	31
36	Effects of polychlorinated biphenyls on liver function and sexual characteristics in Japanese medaka (<i>Oryzias latipes</i>). <i>Marine Pollution Bulletin</i> , 2011, 63, 366-369.	5.0	9

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37	Heavy oil exposure induces high mortalities in virus carrier Japanese flounder <i>Paralichthys olivaceus</i> . <i>Marine Pollution Bulletin</i> , 2011, 63, 362-365.	5.0	26
38	Disruption of Sema3A expression causes abnormal neural projection in heavy oil exposed Japanese flounder larvae. <i>Marine Pollution Bulletin</i> , 2011, 63, 356-361.	5.0	10
39	Effect of heavy oil on the development of the nervous system of floating and sinking teleost eggs. <i>Marine Pollution Bulletin</i> , 2011, 63, 297-302.	5.0	19
40	A microarray data analysis method to evaluate the impact of contaminants on wild animals. <i>Science of the Total Environment</i> , 2010, 408, 5824-5827.	8.0	0
41	Toxic Interactions Between Tributyltin and Polychlorinated Biphenyls in Aquatic Organisms. , 2009, , 195-205.		0
42	Temporal and spatial trends of organotin contamination in the livers of finless porpoises (<i>Neophocaena phocaenoides</i>) and their association with parasitic infection status. <i>Science of the Total Environment</i> , 2009, 407, 6173-6178.	8.0	27
43	Antigenic differences of the scuticociliate <i>Miamiensis avidus</i> from Japan. <i>Journal of Fish Diseases</i> , 2009, 32, 1027-1034.	1.9	27
44	Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: An implication from the hepatic gene expression profiles by microarray. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2378-2386.	4.3	33
45	Does heavy oil pollution induce bacterial diseases in Japanese flounder <i>Paralichthys olivaceus</i> ? <i>Marine Pollution Bulletin</i> , 2008, 57, 889-894.	5.0	31
46	Alteration of gene expression profiles in the brain of Japanese medaka (<i>Oryzias latipes</i>) exposed to KC-400 or PCB126. <i>Marine Pollution Bulletin</i> , 2008, 57, 460-466.	5.0	13
47	Toxicogenomic analysis of immune system-related genes in Japanese flounder (<i>Paralichthys olivaceus</i>) exposed to heavy oil. <i>Marine Pollution Bulletin</i> , 2008, 57, 445-452.	5.0	63
48	Effects of heavy oil in the developing spotted halibut, <i>Verasper variegatus</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 524-528.	5.0	22
49	Real-time PCR array to study effects of chemicals on the Hypothalamic-Pituitary-Gonadal axis of the Japanese medaka. <i>Aquatic Toxicology</i> , 2008, 88, 173-182.	4.0	124
50	Alteration of monoamine concentrations in the brain of medaka, <i>Oryzias latipes</i> , exposed to tributyltin. <i>Environmental Toxicology</i> , 2007, 22, 53-57.	4.0	10
51	Gene Expression Profiling in Common Cormorant Liver with an Oligo Array: Assessing the Potential Toxic Effects of Environmental Contaminants. <i>Environmental Science & Technology</i> , 2006, 40, 1076-1083.	10.0	27
52	Effect of tributyltin on reproduction in Japanese whiting, <i>Sillago japonica</i> . <i>Marine Environmental Research</i> , 2006, 62, S245-S248.	2.5	27
53	EARLY-LIFE-STAGE TOXICITY IN OFFSPRING FROM EXPOSED PARENT MEDAKA, <i>ORYZIAS LATIPES</i> , TO MIXTURES OF TRIBUTYLTIN AND POLYCHLORINATED BIPHENYLS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 591.	4.3	62
54	EFFECTS OF POLYCHLORINATED BIPHENYLS ON THE SCHOOLING BEHAVIOR OF JAPANESE MEDAKA (<i>ORYZIAS</i>) Tj	4.3	49

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55	Fertilization success and sexual behavior in male medaka, <i>Oryzias latipes</i> , exposed to tributyltin. <i>Chemosphere</i> , 2004, 55, 1331-1337.	8.2	93
56	Suppression of sexual behavior in male Japanese medaka (<i>Oryzias latipes</i>) exposed to 17 β -estradiol. <i>Chemosphere</i> , 2003, 50, 429-436.	8.2	95