Kei Nakayama

List of Publications by Year
in descending order

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56	1,197	361413	395702
papers	citations	20 h-index	33 g-index

56	56	56	1368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-time PCR array to study effects of chemicals on the Hypothalamicâ€“Pituitaryâ€“Gonadal axis of the Japanese medaka. Aquatic Toxicology, 2008, 88, 173-182.	4.0	124
2	Suppression of sexual behavior in male Japanese medaka (Oryzias latipes) exposed to 17Î²-estradiol. Chemosphere, 2003, 50, 429-436.	8.2	95
3	Fertilization success and sexual behavior in male medaka, Oryzias latipes, exposed to tributyltin. Chemosphere, 2004, 55, 1331-1337.	8.2	93
4	Toxicogenomic analysis of immune system-related genes in Japanese flounder (Paralichthys olivaceus) exposed to heavy oil. Marine Pollution Bulletin, 2008, 57, 445-452.	5.0	63
5	EARLYâ€“LIFE-STAGE TOXICITY IN OFFSPRING FROM EXPOSED PARENT MEDAKA, ORYZIAS LATIPES, TO MIXTURES OF TRIBUTYLTIN AND POLYCHLORINATED BIPHENYLS. Environmental Toxicology and Chemistry, 2005, 24, 591.	4.3	62
6	EFFECTS OF POLYCHLORINATED BIPHENYLS ON THE SCHOOLING BEHAVIOR OF JAPANESE MEDAKA (ORYZIAS) Tj ETQq0 0 0 rgBT /Over	4.3	46
7	RNA Sequencing Revealed Numerous Polyketide Synthase Genes in the Harmful Dinoflagellate Karenia mikimotoi. PLoS ONE, 2015, 10, e0142731.	2.5	37
8	Determination of natural and synthetic glucocorticoids in effluent of sewage treatment plants using ultrahigh performance liquid chromatography-tandem mass spectrometry. Environmental Science and Pollution Research, 2015, 22, 14127-14135.	5.3	36
9	Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: An implication from the hepatic gene expression profiles by microarray. Environmental Toxicology and Chemistry, 2008, 27, 2378-2386.	4.3	33
10	Detection of glucocorticoid receptor agonists in effluents from sewage treatment plants in Japan. Science of the Total Environment, 2015, 527-528, 328-334.	8.0	32
11	Does heavy oil pollution induce bacterial diseases in Japanese flounder Paralichthys olivaceus?. Marine Pollution Bulletin, 2008, 57, 889-894.	5.0	31
12	Contamination status of POPs and BFRs and relationship with parasitic infection in finless porpoises (Neophocaena phocaenoides) from Seto Inland Sea and Omura Bay, Japan. Marine Pollution Bulletin, 2011, 63, 564-571.	5.0	31
13	Identification of Quantitative Trait Loci for Resistance to RSIVD in Red Sea Bream (Pagrus major). Marine Biotechnology, 2017, 19, 601-613.	2.4	29
14	Gene Expression Profiling in Common Cormorant Liver with an Oligo Array:Â Assessing the Potential Toxic Effects of Environmental Contaminants. Environmental Science & Technology, 2006, 40, 1076-1083.	10.0	27
15	Effect of tributyltin on reproduction in Japanese whiting, Sillago japonica. Marine Environmental Research, 2006, 62, S245-S248.	2.5	27
16	Temporal and spatial trends of organotin contamination in the livers of finless porpoises (Neophocaena phocaenoides) and their association with parasitic infection status. Science of the Total Environment, 2009, 407, 6173-6178.	8.0	27
17	Antigenic differences of the scuticociliate Miamiensis avidus from Japan. Journal of Fish Diseases, 2009, 32, 1027-1034.	1.9	27
18	Heavy oil exposure induces high moralities in virus carrier Japanese flounder Paralichthys olivaceus. Marine Pollution Bulletin, 2011, 63, 362-365.	5.0	26

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19	Nervous system disruption and concomitant behavioral abnormality in early hatched pufferfish larvae exposed to heavy oil. Environmental Science and Pollution Research, 2012, 19, 2488-2497.	5.3	24
20	Effects of heavy oil in the developing spotted halibut, Verasper variegatus. Marine Pollution Bulletin, 2008, 57, 524-528.	5.0	22
21	Gas chromatographyâ€“mass spectrometry for metabolite profiling of Japanese medaka (Oryzias latipes) juveniles exposed to malathion. Environmental Science and Pollution Research, 2012, 19, 2595-2605.	5.3	20
22	Host responses of Japanese flounder Paralichthys olivaceus withÂlymphocystis cell formation. Fish and Shellfish Immunology, 2014, 38, 406-411.	3.6	20
23	Effect of heavy oil on the development of the nervous system of floating and sinking teleost eggs. Marine Pollution Bulletin, 2011, 63, 297-302.	5.0	19
24	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 (Cyprinus carpio) to bacterial infection. Environmental Toxicology and Chemistry, 2016, 35, 946-952.	4.3	19
25	Effect of heavy oil exposure on antibacterial activity and expression of immuneâ€related genes in Japanese flounder Paralichthys olivaceus. Environmental Toxicology and Chemistry, 2012, 31, 828-835.	4.3	18
26	Use of common carp (Cyprinus carpio) and Aeromonas salmonicida for detection of immunomodulatory effects of chemicals on fish. Marine Pollution Bulletin, 2017, 124, 710-713.	5.0	15
27	Alteration of gene expression profiles in the brain of Japanese medaka (Oryzias latipes) exposed to KC-400 or PCB126. Marine Pollution Bulletin, 2008, 57, 460-466.	5.0	13
28	Integrative assessment of potential effects of dioxins and related compounds in wild Baikal seals (Pusa sibirica): Application of microarray and biochemical analyses. Aquatic Toxicology, 2011, 105, 89-99.	4.0	13
29	A time-course study of immune response in Japanese flounder Paralichthys olivaceus exposed to heavy oil. Environmental Science and Pollution Research, 2012, 19, 2300-2304.	5.3	13
30	Atlas of the telencephalon based on cytoarchitecture, neurochemical markers, and gene expressions in Rhinogobius flumineus [Mizuno, 1960]. Journal of Comparative Neurology, 2019, 527, 874-900.	1.6	13
31	Emission of Dioxin-like Compounds and Flame Retardants from Commercial Facilities Handling Deca-BDE and Their Downstream Sewage Treatment Plants. Environmental Science & Technology, 2021, 55, 2324-2335.	10.0	13
32	Alteration of development and gene expression induced by in ovo -nanoinjection of 3-hydroxybenzo[c]phenanthrene into Japanese medaka (Oryzias latipes) embryos. Aquatic Toxicology, 2017, 182, 194-204.	4.0	12
33	Aryl Hydrocarbon Receptor Signaling Is Functional in Immune Cells of Rainbow Trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Ove	4.1	12
34	Induction of tributyltin-binding protein type 2 in Japanese flounder, Paralichthys olivaceus, by exposure to tributyltin-d27. Marine Pollution Bulletin, 2011, 62, 412-414.	5.0	11
35	Uptake and biological effects of synthetic glucocorticoids in common carp (Cyprinus carpio). Marine Pollution Bulletin, 2014, 85, 370-375.	5.0	11
36	Alteration of monoamine concentrations in the brain of medaka,Oryzias latipes, exposed to tributyltin. Environmental Toxicology, 2007, 22, 53-57.	4.0	10

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37	Disruption of Sema3A expression causes abnormal neural projection in heavy oil exposed Japanese flounder larvae. Marine Pollution Bulletin, 2011, 63, 356-361.	5.0	10
38	Effects of polychlorinated biphenyls on liver function and sexual characteristics in Japanese medaka (Oryzias latipes). Marine Pollution Bulletin, 2011, 63, 366-369.	5.0	9
39	Pyrene induces a reduction in midbrain size and abnormal swimming behavior in early-hatched pufferfish larvae. Marine Pollution Bulletin, 2014, 85, 479-486.	5.0	8
40	Identification, Characterization, and Mapping of a Novel SNP Associated with Body Color Transparency in Juvenile Red Sea Bream (Pagrus major). Marine Biotechnology, 2018, 20, 481-489.	2.4	7
41	Effects of persistent organochlorine exposure on the liver transcriptome of the common minke whale (Balaenoptera acutorostrata) from the North Pacific. Ecotoxicology and Environmental Safety, 2014, 108, 95-105.	6.0	6
42	Molecular Cloning, Sequencing, and Gene Expression Analysis of Tributyltin-Binding Protein Type 1 in Japanese Medaka Fish,Oryzias latipes. Zoological Science, 2011, 28, 281-285.	0.7	5
43	Development of a novel RSIVD-resistant strain of red sea bream (Pagrus major) by marker-assisted selection combined with DNA-based family selection. Aquaculture, 2019, 506, 188-192.	3.5	5
44	Cellulose is not degraded in the tunic of the edible ascidian Halocynthia roretzi contracting soft tunic syndrome. Diseases of Aquatic Organisms, 2015, 116, 143-148.	1.0	4
45	Tributyltin exposure increases mortality of nodavirus infected Japanese medaka Oryzias latipes larvae. Marine Pollution Bulletin, 2017, 124, 835-838.	5.0	4
46	Nervous system disruption and swimming abnormality in early-hatched pufferfish (Takifugu niphobles) larvae caused by pyrene is independent of aryl hydrocarbon receptors. Marine Pollution Bulletin, 2017, 124, 792-797.	5.0	4
47	Measurement of Tunic Hardness in an Edible Ascidian, Halocynthia roretzi, with Remarks on Soft Tunic Syndrome. Zoological Science, 2018, 35, 548-552.	0.7	4
48	Cellular and molecular hypoxic response in common carp (<scp>C</scp>yprinus carpio) exposed to linear alkylbenzene sulfonate at sublethal concentrations. Environmental Toxicology, 2017, 32, 122-130.	4.0	3
49	Analysis of genes encoding high-antigenicity polypeptides in three serotypes of Miamiensis avidus. Parasitology International, 2018, 67, 196-202.	1.3	3
50	Extracellular Proteinases of Miamiensis avidus Causing Scuticociliatosis are Potential Virulence Factors. Fish Pathology, 2018, 53, 1-9.	0.7	3
51	Molecular cloning, characterization and expression analysis of complement components in red sea bream (Pagrus major) after Edwardsiella tarda and red sea bream Iridovirus (RSIV) challenge. Fish and Shellfish Immunology, 2018, 82, 286-295.	3.6	3
52	Major histocompatibility IIÎ² diversity and peptide-binding groove properties associated with red sea bream iridovirus resistance. Aquaculture, 2022, 552, 738038.	3.5	1
53	Toxic Interactions Between Tributyltin and Polychlorinated Biphenyls in Aquatic Organisms. , 2009, , 195-205.		0
54	A microarray data analysis method to evaluate the impact of contaminants on wild animals. Science of the Total Environment, 2010, 408, 5824-5827.	8.0	0

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55	Toxicity Assessment of Sediments Collected from Hiroshima Bay, Japan, Using Java Medaka Embryos. Journal of the Japan Institute of Marine Engineering, 2019, 54, 860-864.	0.0	0
56	Heavy oil exposure suppresses antiviral activities in Japanese flounder Paralichthys olivaceus infected with viral hemorrhagic septicemia virus (VHSV). Fish and Shellfish Immunology, 2022, , .	3.6	0