Jae-Seong Lee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Microplastic Size-Dependent Toxicity, Oxidative Stress Induction, and p-JNK and p-p38 Activation in the Monogonont Rotifer (<i>Brachionus koreanus</i>). Environmental Science & Technology, 2016, 50, 8849-8857.	10.0	875
2	Microalgae – A promising tool for heavy metal remediation. Ecotoxicology and Environmental Safety, 2015, 113, 329-352.	6.0	595
3	The copepod Tigriopus: A promising marine model organism for ecotoxicology and environmental genomics. Aquatic Toxicology, 2007, 83, 161-173.	4.0	295
4	Adverse effects of microplastics and oxidative stress-induced MAPK/Nrf2 pathway-mediated defense mechanisms in the marine copepod Paracyclopina nana. Scientific Reports, 2017, 7, 41323.	3.3	271
5	Ecotoxicology, ecophysiology, and mechanistic studies with rotifers. Aquatic Toxicology, 2011, 101, 1-12.	4.0	231
6	Estimation of divergence times in cnidarian evolution based on mitochondrial protein-coding genes and the fossil record. Molecular Phylogenetics and Evolution, 2012, 62, 329-345.	2.7	204
7	Algal photosynthetic responses to toxic metals and herbicides assessed by chlorophyll a fluorescence. Ecotoxicology and Environmental Safety, 2014, 104, 51-71.	6.0	201
8	Nanoplastic Ingestion Enhances Toxicity of Persistent Organic Pollutants (POPs) in the Monogonont Rotifer <i>Brachionus koreanus</i> via Multixenobiotic Resistance (MXR) Disruption. Environmental Science & Technology, 2018, 52, 11411-11418.	10.0	197
9	Involvement of Autophagy in Oncogenic K-Ras-induced Malignant Cell Transformation. Journal of Biological Chemistry, 2011, 286, 12924-12932.	3.4	196
10	Fifteen species in one: deciphering the Brachionus plicatilis species complex (Rotifera, Monogononta) through DNA taxonomy. Hydrobiologia, 2017, 796, 39-58.	2.0	185
11	UV radiation in marine ectotherms: Molecular effects and responses. Aquatic Toxicology, 2010, 97, 3-14.	4.0	160
12	Expression of glutathione S-transferase (GST) genes in the marine copepod Tigriopus japonicus exposed to trace metals. Aquatic Toxicology, 2008, 89, 158-166.	4.0	129
13	The complete mitochondrial genome of the javeline goby Acanthogobius hasta (Perciformes, Gobiidae) and phylogenetic considerations. Gene, 2004, 336, 147-153.	2.2	113
14	Ultraviolet B retards growth, induces oxidative stress, and modulates DNA repair-related gene and heat shock protein gene expression in the monogonont rotifer, Brachionus sp Aquatic Toxicology, 2011, 101, 529-539.	4.0	113
15	Complete mitochondrial genome of the bullhead torrent catfish, Liobagrus obesus (Siluriformes,) Tj ETQq1 1 0.78 rRNA genes. Gene, 2007, 396, 13-27.	4314 rgBT 2.2	/Overlock 111
16	Different effects of nano- and microplastics on oxidative status and gut microbiota in the marine medaka Oryzias melastigma. Journal of Hazardous Materials, 2021, 405, 124207.	12.4	111
17	Heavy metals induce oxidative stress and trigger oxidative stress-mediated heat shock protein (hsp) modulation in the intertidal copepod Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 166, 65-74.	2.6	110
18	The genome of the freshwater water flea Daphnia magna: A potential use for freshwater molecular ecotoxicology. Aquatic Toxicology, 2019, 210, 69-84.	4.0	104

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19	Heat shock protein (Hsp) gene responses of the intertidal copepod Tigriopus japonicus to environmental toxicants. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 104-112.	2.6	99
20	Review of measured concentrations of triphenyltin compounds in marine ecosystems and meta-analysis of their risks to humans and the environment. Chemosphere, 2012, 89, 1015-1025.	8.2	94
21	Cu/Zn- and Mn-superoxide dismutase (SOD) from the copepod Tigriopus japonicus: Molecular cloning and expression in response to environmental pollutants. Chemosphere, 2011, 84, 1467-1475.	8.2	93
22	Endocrine disrupting chemicals (bisphenol A, 4-nonylphenol, 4-tert-octylphenol) modulate expression of two distinct cytochrome P450 aromatase genes differently in gender types of the hermaphroditic fish Rivulus marmoratus. Biochemical and Biophysical Research Communications, 2006, 345, 894-903.	2.1	92
23	Transcriptional analysis of antioxidant and immune defense genes in disk abalone (Haliotis discus) Tj ETQq1 1 0. Biochemistry and Molecular Biology, 2009, 154, 387-395.	784314 rg 1.6	BT /Overloc 91
24	Effects of environmental stressors on lipid metabolism in aquatic invertebrates. Aquatic Toxicology, 2018, 200, 83-92.	4.0	91
25	The complete DNA sequence of the mitochondrial genome of the self-fertilizing fish Rivulus marmoratus (Cyprinodontiformes, Rivulidae) and the first description of duplication of a control region in fish. Gene, 2001, 280, 1-7.	2.2	89
26	Copper induces apoptotic cell death through reactive oxygen species-triggered oxidative stress in the intertidal copepod Tigriopus japonicus. Aquatic Toxicology, 2013, 132-133, 182-189.	4.0	89
27	Environmental stressors (salinity, heavy metals, H2O2) modulate expression of glutathione reductase (GR) gene from the intertidal copepod Tigriopus japonicus. Aquatic Toxicology, 2006, 80, 281-289.	4.0	88
28	Acute toxicities of trace metals and common xenobiotics to the marine copepod <i>Tigriopus japonicus</i> : Evaluation of its use as a benchmark species for routine ecotoxicity tests in Western Pacific coastal regions. Environmental Toxicology, 2007, 22, 532-538.	4.0	85
29	The complete mitochondrial genome of the intertidal copepod Tigriopus sp. (Copepoda, Harpactidae) from Korea and phylogenetic considerations. Journal of Experimental Marine Biology and Ecology, 2006, 333, 251-262.	1.5	83
30	Reactive Oxygen Species-Dependent Activation of Bax and Poly(ADP-ribose) Polymerase-1 Is Required for Mitochondrial Cell Death Induced by Triterpenoid Pristimerin in Human Cervical Cancer Cells. Molecular Pharmacology, 2009, 76, 734-744.	2.3	82
31	Transgenerational Proteome Plasticity in Resilience of a Marine Copepod in Response to Environmentally Relevant Concentrations of Microplastics. Environmental Science & Technology, 2019, 53, 8426-8436.	10.0	81
32	Effect of salinity on acute copper and zinc toxicity to Tigriopus japonicus: The difference between metal ions and nanoparticles. Marine Pollution Bulletin, 2014, 85, 526-531.	5.0	79
33	Crude oil exposure results in oxidative stress-mediated dysfunctional development and reproduction in the copepod Tigriopus japonicus and modulates expression of cytochrome P450 (CYP) genes. Aquatic Toxicology, 2014, 152, 308-317.	4.0	76
34	Significance of adverse outcome pathways in biomarker-based environmental risk assessment in aquatic organisms. Journal of Environmental Sciences, 2015, 35, 115-127.	6.1	76
35	Identification of xenobiotic biodegradation and metabolism-related genes in the copepod Tigriopus japonicus whole transcriptome analysis. Marine Genomics, 2015, 24, 207-208.	1.1	73
36	Sequence, biochemical characteristics and expression of a novel Sigma-class of glutathione S-transferase from the intertidal copepod, Tigriopus japonicus with a possible role in antioxidant defense. Chemosphere, 2007, 69, 893-902.	8.2	69

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37	Expression Pattern of Entire Cytochrome P450 Genes and Response of Defensomes in the Benzo[<i>a</i>]pyrene-Exposed Monogonont Rotifer <i>Brachionus koreanus</i> . Environmental Science & Technology, 2013, 47, 13804-13812.	10.0	69
38	A new intertidal Brachionus and intrageneric phylogenetic relationships among Brachionus as revealed by allometry and CO1-ITS1 gene analysis. Zoological Studies, 2013, 52, .	0.3	68
39	Molecular cloning, expression, biochemical characteristics, and biomarker potential of theta class glutathione S-transferase (GST-T) from the polychaete Neanthes succinea. Aquatic Toxicology, 2007, 83, 104-115.	4.0	65
40	Effects of triclosan (TCS) on fecundity, the antioxidant system, and oxidative stress-mediated gene expression in the copepod Tigriopus japonicus. Aquatic Toxicology, 2017, 189, 16-24.	4.0	65
41	Parental co-exposure to bisphenol A and nano-TiO2 causes thyroid endocrine disruption and developmental neurotoxicity in zebrafish offspring. Science of the Total Environment, 2019, 650, 557-565.	8.0	64
42	Abhisin: A potential antimicrobial peptide derived from histone H2A of disk abalone (Haliotis discus) Tj ETQq0 0 C) rgBT /Ove	erlock 10 Tf 5
43	Effect of cadmium exposure on expression of antioxidant gene transcripts in the river pufferfish, Takifugu obscurus (Tetraodontiformes). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 473-479.	2.6	63
44	Gamma radiation induces growth retardation, impaired egg production, and oxidative stress in the marine copepod Paracyclopina nana. Aquatic Toxicology, 2014, 150, 17-26.	4.0	63
45	Toxicity mechanisms of arsenic compounds in aquatic organisms. Aquatic Toxicology, 2021, 237, 105901.	4.0	63
46	Molecular evidence for the existence of lipopolysaccharide-induced TNF-α factor (LITAF) and Rel/NF-kB pathways in disk abalone (Haliotis discus discus). Fish and Shellfish Immunology, 2010, 28, 754-763.	3.6	62
47	The complete mitochondrial genome of the cyclopoid copepod Paracyclopina nana: A highly divergent genome with novel gene order and atypical gene numbers. Gene, 2009, 435, 13-22.	2.2	61
48	Complete mitochondrial genome of the monogonont rotifer, <i>Brachionus koreanus</i> (Rotifera,) Tj ETQqO 0 0	rgBT /Ove 0.6	rlock 10 Tf 5
49	The intertidal copepod Tigriopus japonicus small heat shock protein 20 gene (Hsp20) enhances thermotolerance of transformed Escherichia coli. Biochemical and Biophysical Research Communications, 2006, 340, 901-908.	2.1	59
50	Nonylphenol modulates expression of androgen receptor and estrogen receptor genes differently in gender types of the hermaphroditic fish Rivulus marmoratus. Biochemical and Biophysical Research Communications, 2006, 346, 213-223.	2.1	59
51	Effects of bisphenol A and its analogs bisphenol F and S on life parameters, antioxidant system, and response of defensome in the marine rotifer Brachionus koreanus. Aquatic Toxicology, 2018, 199, 21-29.	4.0	59
52	Key mechanisms of micro- and nanoplastic (MNP) toxicity across taxonomic groups. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 247, 109056.	2.6	59
53	Copper toxicity in the marine copepod Tigropus japonicus: Low variability and high reproducibility of repeated acute and life-cycle tests. Marine Pollution Bulletin, 2008, 57, 632-636.	5.0	58
54	Recent moon jelly (Aurelia sp.1) blooms in Korean coastal waters suggest global expansion: examples inferred from mitochondrial COI and nuclear ITS-5.8S rDNA sequences. ICES Journal of Marine Science, 2008, 65, 443-452.	2.5	58

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55	Gamma rays induce DNA damage and oxidative stress associated with impaired growth and reproduction in the copepod Tigriopus japonicus. Aquatic Toxicology, 2014, 152, 264-272.	4.0	57
56	Omics of the marine medaka (Oryzias melastigma) and its relevance to marine environmental research. Marine Environmental Research, 2016, 113, 141-152.	2.5	56
57	Two-generation toxicity study on the copepod model species Tigriopus japonicus. Chemosphere, 2008, 72, 1359-1365.	8.2	55
58	Expression profiles of seven glutathione S-transferase (GST) genes in cadmium-exposed river pufferfish (Takifugu obscurus). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 99-106.	2.6	55
59	The difference between temperate and tropical saltwater species' acute sensitivity to chemicals is relatively small. Chemosphere, 2014, 105, 31-43.	8.2	54
60	Marine Algicolous Endophytic Fungi - A Promising Drug Resource of the Era. Journal of Microbiology and Biotechnology, 2017, 27, 1039-1052.	2.1	54
61	Phylogenetic relationships of Acheilognathidae (Cypriniformes: Cyprinoidea) as revealed from evidence of both nuclear and mitochondrial gene sequence variation: Evidence for necessary taxonomic revision in the family and the identification of cryptic species. Molecular Phylogenetics and Evolution, 2014, 81, 182-194	2.7	53
62	Developmental retardation, reduced fecundity, and modulated expression of the defensome in the intertidal copepod Tigriopus japonicus exposed to BDE-47 and PFOS. Aquatic Toxicology, 2015, 165, 136-143.	4.0	53
63	Radiation promotes invasiveness of non-small-cell lung cancer cells through granulocyte-colony-stimulating factor. Oncogene, 2015, 34, 5372-5382.	5.9	53
64	ATP-binding cassette (ABC) proteins in aquatic invertebrates: Evolutionary significance and application in marine ecotoxicology. Aquatic Toxicology, 2017, 185, 29-39.	4.0	53
65	Gene expression profiling of copper-induced responses in the intertidal copepod Tigriopus japonicus using a 6K oligochip microarray. Aquatic Toxicology, 2009, 93, 177-187.	4.0	52
66	Defensin from disk abalone Haliotis discus discus: Molecular cloning, sequence characterization and immune response against bacterial infection. Fish and Shellfish Immunology, 2010, 28, 261-266.	3.6	52
67	The genome of the freshwater monogonont rotifer <i>Brachionus calyciflorus</i> . Molecular Ecology Resources, 2018, 18, 646-655.	4.8	52
68	Identification of the Full 46 Cytochrome P450 (<i>CYP</i>) Complement and Modulation of <i>CYP</i> Expression in Response to Water-Accommodated Fractions of Crude Oil in the Cyclopoid Copepod <i>Paracyclopina nana</i> . Environmental Science & Technology, 2015, 49, 6982-6992.	10.0	51
69	Comprehensive transcriptome analysis of differentiation of embryonic stem cells into midbrain and hindbrain neurons. Developmental Biology, 2004, 265, 491-501.	2.0	50
70	Methyltestosterone efficiently induces male development in the selfâ€fertilizing hermaphrodite fish, <i>Kryptolebias marmoratus</i> . Genesis, 2006, 44, 495-503.	1.6	50
71	Whole Spectrum of Cytochrome P450 Genes and Molecular Responses to Water-Accommodated Fractions Exposure in the Marine Medaka. Environmental Science & Technology, 2013, 47, 4804-4812.	10.0	50
72	The cytochrome P450 1A gene (CYP1A) from European flounder (Platichthys flesus), analysis of regulatory regions and development of a dual luciferase reporter gene system. Marine Environmental Research, 2000, 50, 1-6.	2.5	49

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73	Cloning of a river pufferfish (Takifugu obscurus) metallothionein cDNA and study of its induction profile in cadmium-exposed fish. Chemosphere, 2008, 71, 1251-1259.	8.2	46
74	Allograft inflammatory factor-1 in disk abalone (Haliotis discus discus): Molecular cloning, transcriptional regulation against immune challenge and tissue injury. Fish and Shellfish Immunology, 2010, 29, 319-326.	3.6	46
75	Bisphenol A modulates expression of sex differentiation genes in the self-fertilizing fish, Kryptolebias marmoratus. Aquatic Toxicology, 2011, 104, 218-229.	4.0	46
76	Tris (1, 3-dichloro-2-propyl) phosphate induces apoptosis and autophagy in SH-SY5Y cells: Involvement of ROS-mediated AMPK/mTOR/ULK1 pathways. Food and Chemical Toxicology, 2017, 100, 183-196.	3.6	46
77	Effects of ocean acidification on copepods. Aquatic Toxicology, 2018, 196, 17-24.	4.0	46
78	Structure, expression and activation of fish ras genes. Aquatic Toxicology, 2001, 55, 1-21.	4.0	44
79	Effect of culture density and antioxidants on naupliar production and gene expression of the cyclopoid copepod, Paracyclopina nana. Comparative Biochemistry and Physiology Part A, Molecular & amp; Integrative Physiology, 2012, 161, 145-152.	1.8	44
80	Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the rotifer Brachionus koreanus and the copepod Paracyclopina nana. Aquatic Toxicology, 2017, 190, 181-189.	4.0	44
81	Molecular cloning and characterization of Î,-class glutathione S-transferase (CST-T) from the hermaphroditic fish Rivulus marmoratus and biochemical comparisons with α-class glutathione S-transferase (CST-A). Biochemical and Biophysical Research Communications, 2006, 346, 1053-1061.	2.1	43
82	Validation of housekeeping genes as internal controls for studying biomarkers of endocrine-disrupting chemicals in disk abalone by real-time PCR. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 259-268.	2.6	42
83	Effect of pharmaceuticals exposure on acetylcholinesterase (AchE) activity and on the expression of AchE gene in the monogonont rotifer, Brachionus koreanus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 158, 216-224.	2.6	42
84	Arsenic exposure combined with nano- or microplastic induces different effects in the marine rotifer Brachionus plicatilis. Aquatic Toxicology, 2021, 233, 105772.	4.0	42
85	<i>Kryptolebias marmoratus</i> (Poey, 1880): a potential model species for molecular carcinogenesis and ecotoxicogenomics. Journal of Fish Biology, 2008, 72, 1871-1889.	1.6	41
86	Molecular cloning, phylogenetic analysis and developmental expression of a vitellogenin (Vg) gene from the intertidal copepod Tigriopus japonicus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 395-402.	1.6	41
87	Differential expression of metallothionein (MT) gene by trace metals and endocrine-disrupting chemicals in the hermaphroditic mangrove killifish, Kryptolebias marmoratus. Ecotoxicology and Environmental Safety, 2009, 72, 206-212.	6.0	41
88	Gender-specific modulation of immune system complement gene expression in marine medaka Oryzias melastigma following dietary exposure of BDE-47. Environmental Science and Pollution Research, 2012, 19, 2477-2487.	5.3	41
89	The complete mitochondrial genome of the rockfish Sebastes schlegeli (Scorpaeniformes,) Tj ETQq1 1 0.7843	14 rgBT /Ov 2.6	verlock 10 Tf 5
90	Triclosan (TCS) and Triclocarban (TCC) cause lifespan reduction and reproductive impairment through oxidative stress-mediated expression of the defensome in the monogonont rotifer () Tj ETQq0 0 0 rgE	BT /Overlock	10 Tf 50 62 T

Pharmacology, 2016, 185-186, 131-137.

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91	Sequence analysis of genomic DNA (680 Mb) by CS-FLX-Titanium sequencer in the monogonont rotifer, Brachionus ibericus. Hydrobiologia, 2011, 662, 65-75.	2.0	39
92	Modulated expression and enzymatic activity of the monogonont rotifer Brachionus koreanus Cu/Zn- and Mn-superoxide dismutase (SOD) in response to environmental biocides. Chemosphere, 2015, 120, 470-478.	8.2	39
93	UV-B radiation-induced oxidative stress and p38 signaling pathway involvement in the benthic copepod Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 167, 15-23.	2.6	39
94	The genome of the marine monogonont rotifer Brachionus plicatilis: Genome-wide expression profiles of 28 cytochrome P450 genes in response to chlorpyrifos and 2-ethyl-phenanthrene. Aquatic Toxicology, 2019, 214, 105230.	4.0	39
95	Hypoxia Causes Transgenerational Impairment of Ovarian Development and Hatching Success in Fish. Environmental Science & Technology, 2019, 53, 3917-3928.	10.0	39
96	A comparative analysis of the complete mitochondrial genome of the Eurasian otter Lutra lutra (Carnivora; Mustelidae). Molecular Biology Reports, 2010, 37, 1943-1955.	2.3	38
97	Genome-wide identification of whole ATP-binding cassette (ABC) transporters in the intertidal copepod Tigriopus japonicus. BMC Genomics, 2014, 15, 651.	2.8	38
98	Effects of benzo[a]pyrene on whole cytochrome P450-involved molecular responses in the marine medaka Oryzias melastigma. Aquatic Toxicology, 2014, 152, 232-243.	4.0	38
99	Global Proteome Profiling of a Marine Copepod and the Mitigating Effect of Ocean Acidification on Mercury Toxicity after Multigenerational Exposure. Environmental Science & Technology, 2017, 51, 5820-5831.	10.0	38
100	Cytochrome b (Cyt-b) gene sequence analysis in six flatfish species (Teleostei, Pleuronectidae), with phylogenetic and taxonomic insights. Marine Biology, 2007, 152, 757-773.	1.5	37
101	P-glycoprotein (P-gp) in the monogonont rotifer, Brachionus koreanus: Molecular characterization and expression in response to pharmaceuticals. Aquatic Toxicology, 2012, 114-115, 104-118.	4.0	37
102	Expression of three novel cytochrome P450 (CYP) and antioxidative genes from the polychaete, Perinereis nuntia exposed to water accommodated fraction (WAF) of Iranian crude oil and Benzo[α]pyrene. Marine Environmental Research, 2013, 90, 75-84.	2.5	36
103	Potential of the small cyclopoid copepod Paracyclopina nana as an invertebrate model for ecotoxicity testing. Aquatic Toxicology, 2016, 180, 282-294.	4.0	36
104	Combined exposure to microplastics and zinc produces sex-specific responses in the water flea Daphnia magna. Journal of Hazardous Materials, 2021, 420, 126652.	12.4	36
105	The copepod Tigriopus japonicus genomic DNA information (574Mb) and molecular anatomy. Marine Environmental Research, 2010, 69, S21-S23.	2.5	35
106	In vivo effects of UV radiation on multiple endpoints and expression profiles of DNA repair and heat shock protein (Hsp) genes in the cycloid copepod Paracyclopina nana. Aquatic Toxicology, 2015, 165, 1-8.	4.0	35
107	Tris (1,3-dichloro-2-propyl) phosphate-induced apoptotic signaling pathways in SH-SY5Y neuroblastoma cells. NeuroToxicology, 2017, 58, 1-10.	3.0	35
108	Marine copepod cytochrome P450 genes and their applications for molecular ecotoxicological studies in response to oil pollution. Marine Pollution Bulletin, 2017, 124, 953-961.	5.0	35

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109	Genome-wide identification and expression of the entire 52 glutathione S-transferase (CST) subfamily genes in the Cu2+-exposed marine copepods Tigriopus japonicus and Paracyclopina nana. Aquatic Toxicology, 2019, 209, 56-69.	4.0	35
110	Phylogeography of the copepod Tigriopus japonicus along the Northwest Pacific rim. Journal of Plankton Research, 2008, 31, 209-221.	1.8	34
111	BDE-47 induces oxidative stress, activates MAPK signaling pathway, and elevates de novo lipogenesis in the copepod Paracyclopina nana. Aquatic Toxicology, 2016, 181, 104-112.	4.0	34
112	Interrelationship of salinity shift with oxidative stress and lipid metabolism in the monogonont rotifer Brachionus koreanus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 214, 79-84.	1.8	34
113	Zinc Pyrithione (ZnPT) as an Antifouling Biocide in the Marine Environment—a Literature Review of Its Toxicity, Environmental Fates, and Analytical Methods. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	34
114	Adverse effects of a synthetic pyrethroid insecticide cypermethrin on life parameters and antioxidant responses in the marine copepods Paracyclopina nana and Tigriopus japonicus. Chemosphere, 2019, 217, 383-392.	8.2	34
115	The complete mitochondrial genome of the floating goby, Gymnogobius petschiliensis (Perciformes,) Tj ETQq1 1	0.78431	4 rgBT /Over
116	cDNA cloning and expression of a cytochrome P450 1A (CYP1A) gene from the hermaphroditic fish Rivulus marmoratus. Marine Pollution Bulletin, 2005, 51, 769-775.	5.0	33
117	Cloning and characterization of glutathione S-transferase gene in the intertidal copepod Tigriopus japonicus and its expression after exposure to endocrine-disrupting chemicals. Marine Environmental Research, 2006, 62, S219-S223.	2.5	33
118	The complete mitogenome of the hydrothermal vent crab Xenograpsus testudinatus (Decapoda,) Tj ETQq0 0 0 r Genomics and Proteomics, 2009, 4, 290-299.	gBT /Ovei 1.0	lock 10 Tf 50 33
119	Cloning of circadian rhythmic pathway genes and perturbation of oscillation patterns in endocrine disrupting chemicals (EDCs)-exposed mangrove killifish Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 164, 11-20.	2.6	33
120	High-throughput transcriptome sequencing reveals the combined effects of key e-waste contaminants, decabromodiphenyl ether (BDE-209) and lead, in zebrafish larvae. Environmental Pollution, 2016, 214, 324-333.	7.5	33
121	Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the copepod Tigriopus japonicus. Aquatic Toxicology, 2017, 184, 133-141.	4.0	33
122	Effects of salinity on growth, fatty acid synthesis, and expression of stress response genes in the cyclopoid copepod Paracyclopina nana. Aquaculture, 2017, 470, 182-189.	3.5	33
123	Effects of ocean acidification on life parameters and antioxidant system in the marine copepod Tigriopus japonicus. Aquatic Toxicology, 2019, 212, 186-193.	4.0	33
124	Sunscreens containing zinc oxide nanoparticles can trigger oxidative stress and toxicity to the marine copepod Tigriopus japonicus. Marine Pollution Bulletin, 2020, 154, 111078.	5.0	33
125	Cloning and expression of alpha class glutathione S-transferase gene from the small hermaphroditic fish Rivulus marmoratus (Cyprinodontiformes, Rivulidae). Marine Pollution Bulletin, 2005, 51, 776-783.	5.0	32
126	Multi-walled carbon nanotubes (MWCNTs) lead to growth retardation, antioxidant depletion, and activation of the ERK signaling pathway but decrease copper bioavailability in the monogonont rotifer (Brachionus koreanus). Aquatic Toxicology, 2016, 172, 67-79.	4.0	32

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127	The glutathione S-transferase genes in marine rotifers and copepods: Identification of GSTs and applications for ecotoxicological studies. Marine Pollution Bulletin, 2020, 156, 111080.	5.0	32
128	BDE-47 causes developmental retardation with down-regulated expression profiles of ecdysteroid signaling pathway-involved nuclear receptor (NR) genes in the copepod Tigriopus japonicus. Aquatic Toxicology, 2016, 177, 285-294.	4.0	31
129	The genome of the marine medaka <i>Oryzias melastigma</i> . Molecular Ecology Resources, 2018, 18, 656-665.	4.8	31
130	Effects of atrazine on life parameters, oxidative stress, and ecdysteroid biosynthetic pathway in the marine copepod Tigriopus japonicus. Aquatic Toxicology, 2019, 213, 105213.	4.0	31
131	Genomic cloning of the Hsc71 gene in the hermaphroditic teleost Rivulus marmoratus and analysis of its expression in skeletal muscle: identification of a novel muscle-preferred regulatory element. Nucleic Acids Research, 2001, 29, 3041-3050.	14.5	30
132	Unusual mitochondrial genome structure of the freshwater goby <i>Odontobutis platycephala</i> : rearrangement of tRNAs and an additional nonâ€coding region. Journal of Fish Biology, 2008, 73, 414-428.	1.6	30
133	Molecular cloning and β-naphthoflavone-induced expression of a cytochrome P450 1A (CYP1A) gene from an anadromous river pufferfish, Takifugu obscurus. Marine Pollution Bulletin, 2008, 57, 433-440.	5.0	30
134	Response of glutathione S-transferase (GST) genes to cadmium exposure in the marine pollution indicator worm, Perinereis nuntia. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 82-92.	2.6	30
135	Gamma irradiationâ€induced oxidative stress and developmental impairment in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> embryo. Environmental Toxicology and Chemistry, 2012, 31, 1745-1753.	4.3	30
136	Different transcriptomic responses of two marine copepods, Tigriopus japonicus and Pseudodiaptomus annandalei , to a low dose of mercury chloride (HgCl 2). Aquatic Toxicology, 2017, 187, 124-131.	4.0	30
137	Effects of methylparaben, ethylparaben, and propylparaben on life parameters and sex ratio in the marine copepod Tigriopus japonicus. Chemosphere, 2019, 226, 388-394.	8.2	30
138	Functional characterization of P-glycoprotein in the intertidal copepod Tigriopus japonicus and its potential role in remediating metal pollution. Aquatic Toxicology, 2014, 156, 135-147.	4.0	29
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