

# Jae-Sung Rhee

## List of Publications by Citations

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171  
papers

2,982  
citations

30  
h-index

44  
g-index

182  
ext. papers

3,465  
ext. citations

3.5  
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5.26  
L-index

#	Paper	IF	Citations
171	Expression of glutathione S-transferase (GST) genes in the marine copepod <i>Tigriopus japonicus</i> exposed to trace metals. <i>Aquatic Toxicology</i> , <b>2008</b> , 89, 158-66	5.1	116
170	Ultraviolet radiation and cyanobacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2014</b> , 141, 154-69	6.7	105
169	Ultraviolet B retards growth, induces oxidative stress, and modulates DNA repair-related gene and heat shock protein gene expression in the monogonont rotifer, <i>Brachionus</i> sp. <i>Aquatic Toxicology</i> , <b>2011</b> , 101, 529-39	5.1	103
168	Cu/Zn- and Mn-superoxide dismutase (SOD) from the copepod <i>Tigriopus japonicus</i> : molecular cloning and expression in response to environmental pollutants. <i>Chemosphere</i> , <b>2011</b> , 84, 1467-75	8.4	80
167	Copper induces apoptotic cell death through reactive oxygen species-triggered oxidative stress in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , <b>2013</b> , 132-133, 182-9	5.1	79
166	Environmental stressors (salinity, heavy metals, H <sub>2</sub> O <sub>2</sub> ) modulate expression of glutathione reductase (GR) gene from the intertidal copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , <b>2006</b> , 80, 281-9	5.1	79
165	Heat shock protein (Hsp) gene responses of the intertidal copepod <i>Tigriopus japonicus</i> to environmental toxicants. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 104-12	3.2	77
164	Heavy metals induce oxidative stress and trigger oxidative stress-mediated heat shock protein (hsp) modulation in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2014</b> , 166, 65-74	3.2	75
163	Expression pattern of entire cytochrome P450 genes and response of defensomes in the benzo[a]pyrene-exposed monogonont rotifer <i>Brachionus koreanus</i> . <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 13804-12	10.3	68
162	Molecular cloning, expression, biochemical characteristics, and biomarker potential of theta class glutathione S-transferase (GST-T) from the polychaete <i>Neanthes succinea</i> . <i>Aquatic Toxicology</i> , <b>2007</b> , 83, 104-15	5.1	60
161	Complete mitochondrial genome of the monogonont rotifer, <i>Brachionus koreanus</i> (Rotifera, Brachionidae). <i>Mitochondrial DNA</i> , <b>2014</b> , 25, 29-30		57
160	Effect of cadmium exposure on expression of antioxidant gene transcripts in the river pufferfish, <i>Takifugu obscurus</i> (Tetraodontiformes). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 473-9	3.2	52
159	Gene expression profiling of copper-induced responses in the intertidal copepod <i>Tigriopus japonicus</i> using a 6K oligochip microarray. <i>Aquatic Toxicology</i> , <b>2009</b> , 93, 177-87	5.1	49
158	Whole spectrum of cytochrome P450 genes and molecular responses to water-accommodated fractions exposure in the marine medaka. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 4804-12	10.3	46
157	Expression profiles of seven glutathione S-transferase (GST) genes in cadmium-exposed river pufferfish ( <i>Takifugu obscurus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 99-106	3.2	43
156	Bisphenol A modulates expression of sex differentiation genes in the self-fertilizing fish, <i>Kryptolebias marmoratus</i> . <i>Aquatic Toxicology</i> , <b>2011</b> , 104, 218-29	5.1	40
155	Omics of the marine medaka ( <i>Oryzias melastigma</i> ) and its relevance to marine environmental research. <i>Marine Environmental Research</i> , <b>2016</b> , 113, 141-52	3.3	38

154	Sequence analysis of genomic DNA (680 Mb) by GS-FLX-Titanium sequencer in the monogonont rotifer, <i>Brachionus ibericus</i> . <i>Hydrobiologia</i> , <b>2011</b> , 662, 65-75	2.4	38
153	Differential expression of metallothionein (MT) gene by trace metals and endocrine-disrupting chemicals in the hermaphroditic mangrove killifish, <i>Kryptolebias marmoratus</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 206-212	7	37
152	Molecular cloning, phylogenetic analysis and developmental expression of a vitellogenin (Vg) gene from the intertidal copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 150, 395-402	2.3	36
151	Effect of culture density and antioxidants on naupliar production and gene expression of the cyclopoid copepod, <i>Paracyclops nana</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 161, 145-52	2.6	35
150	The copepod <i>Tigriopus japonicus</i> genomic DNA information (574Mb) and molecular anatomy. <i>Marine Environmental Research</i> , <b>2010</b> , 69 Suppl, S21-3	3.3	35
149	Effects of benzo[a]pyrene on whole cytochrome P450-involved molecular responses in the marine medaka <i>Oryzias melastigma</i> . <i>Aquatic Toxicology</i> , <b>2014</b> , 152, 232-43	5.1	34
148	Genome-wide identification of whole ATP-binding cassette (ABC) transporters in the intertidal copepod <i>Tigriopus japonicus</i> . <i>BMC Genomics</i> , <b>2014</b> , 15, 651	4.5	34
147	Effect of pharmaceuticals exposure on acetylcholinesterase (AChE) activity and on the expression of AChE gene in the monogonont rotifer, <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2013</b> , 158, 216-24	3.2	33
146	Transcriptome response of the Pacific oyster, <i>Crassostrea gigas</i> susceptible to thermal stress: A comparison with the response of tolerant oyster. <i>Molecular and Cellular Toxicology</i> , <b>2017</b> , 13, 105-113	1.6	32
145	Modulated expression and enzymatic activity of the monogonont rotifer <i>Brachionus koreanus</i> Cu/Zn- and Mn-superoxide dismutase (SOD) in response to environmental biocides. <i>Chemosphere</i> , <b>2015</b> , 120, 470-8	8.4	32
144	P-glycoprotein (P-gp) in the monogonont rotifer, <i>Brachionus koreanus</i> : molecular characterization and expression in response to pharmaceuticals. <i>Aquatic Toxicology</i> , <b>2012</b> , 114-115, 104-18	5.1	32
143	UV-B radiation-induced oxidative stress and p38 signaling pathway involvement in the benthic copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2015</b> , 167, 15-23	3.2	30
142	Recent Developments in Thiolated Polymeric Hydrogels for Tissue Engineering Applications. <i>Tissue Engineering - Part B: Reviews</i> , <b>2018</b> , 24, 66-74	7.9	30
141	Expression of three novel cytochrome P450 (CYP) and antioxidative genes from the polychaete, <i>Perinereis nuntia</i> exposed to water accommodated fraction (WAF) of Iranian crude oil and benzo[a]pyrene. <i>Marine Environmental Research</i> , <b>2013</b> , 90, 75-84	3.3	30
140	Chlorothalonil induces oxidative stress and reduces enzymatic activities of Na <sup>+</sup> /K <sup>+</sup> -ATPase and acetylcholinesterase in gill tissues of marine bivalves. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214236	3.7	29
139	Alternative Splicing Profile and Sex-Preferential Gene Expression in the Female and Male Pacific Abalone <i>Haliotis discus hannai</i> . <i>Genes</i> , <b>2017</b> , 8,	4.2	29
138	Gamma irradiation-induced oxidative stress and developmental impairment in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> embryo. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1745-53	3.8	29
137	Effects of Antifouling Biocides on Molecular and Biochemical Defense System in the Gill of the Pacific Oyster <i>Crassostrea gigas</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0168978	3.7	29

136	Dose- and time-dependent expression of aryl hydrocarbon receptor (AhR) and aryl hydrocarbon receptor nuclear translocator (ARNT) in PCB-, B[a]P-, and TBT-exposed intertidal copepod <i>Tigriopus japonicus</i> . <i>Chemosphere</i> , <b>2015</b> , 120, 398-406	8.4	25
135	Expression of superoxide dismutase (SOD) genes from the copper-exposed polychaete, <i>Neanthes succinea</i> . <i>Marine Pollution Bulletin</i> , <b>2011</b> , 63, 277-86	6.7	25
134	The yellow catfish, <i>Pelteobagrus fulvidraco</i> (Siluriformes) metallothionein cDNA: molecular cloning and transcript expression level in response to exposure to the heavy metals Cd, Cu, and Zn. <i>Fish Physiology and Biochemistry</i> , <b>2012</b> , 38, 1331-42	2.7	24
133	Molecular and biochemical modulation of heat shock protein 20 (Hsp20) gene by temperature stress and hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) in the monogonont rotifer, <i>Brachionus</i> sp. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 19-27	3.2	24
132	Functional characterization of P-glycoprotein in the intertidal copepod <i>Tigriopus japonicus</i> and its potential role in remediating metal pollution. <i>Aquatic Toxicology</i> , <b>2014</b> , 156, 135-47	5.1	23
131	Response of glutathione S-transferase (GST) genes to cadmium exposure in the marine pollution indicator worm, <i>Perinereis nuntia</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 82-92	3.2	22
130	Diversity, distribution, and significance of transposable elements in the genome of the only selfing hermaphroditic vertebrate <i>Kryptolebias marmoratus</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 40121	4.9	21
129	Potential applications of nuisance microalgae blooms. <i>Journal of Applied Phycology</i> , <b>2015</b> , 27, 1223-1234	3.2	21
128	Co-expression of antioxidant enzymes with expression of p53, DNA repair, and heat shock protein genes in the gamma ray-irradiated hermaphroditic fish <i>Kryptolebias marmoratus</i> larvae. <i>Aquatic Toxicology</i> , <b>2013</b> , 140-141, 58-67	5.1	21
127	Dose- and age-specific antioxidant responses of the mysid crustacean <i>Neomysis awatschensis</i> to metal exposure. <i>Aquatic Toxicology</i> , <b>2018</b> , 201, 21-30	5.1	21
126	Microcystin-LR bioconcentration induces antioxidant responses in the digestive gland of two marine bivalves <i>Crassostrea gigas</i> and <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , <b>2017</b> , 188, 119-129	5.1	20
125	Age-dependent antioxidant responses to the bioconcentration of microcystin-LR in the mysid crustacean, <i>Neomysis awatschensis</i> . <i>Environmental Pollution</i> , <b>2018</b> , 232, 284-292	9.3	20
124	Cloning of growth hormone, somatolactin, and their receptor mRNAs, their expression in organs, during development, and on salinity stress in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 161, 436-42	2.6	20
123	Cloning of circadian rhythmic pathway genes and perturbation of oscillation patterns in endocrine disrupting chemicals (EDCs)-exposed mangrove killifish <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2014</b> , 164, 11-20	3.2	19
122	A corticotropin-releasing hormone binding protein (CRH-BP) gene from the intertidal copepod, <i>Tigriopus japonicus</i> . <i>General and Comparative Endocrinology</i> , <b>2008</b> , 158, 54-60	3	19
121	Mining of biomarker genes from expressed sequence tags and differential display reverse transcriptase-polymerase chain reaction in the self-fertilizing fish, <i>Kryptolebias marmoratus</i> and their expression patterns in response to exposure to an endocrine-disrupting alkylphenol, bisphenol A. <i>Marine Pollution Bulletin</i> , <b>2007</b> , 55, 227-233	3.5	19
120	Expression profile analysis of antioxidative stress and developmental pathway genes in the manganese-exposed intertidal copepod <i>Tigriopus japonicus</i> with 6K oligochip. <i>Chemosphere</i> , <b>2013</b> , 92, 1214-23	8.4	18
119	Effect of copper exposure on GST activity and on the expression of four GSTs under oxidative stress condition in the monogonont rotifer, <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2013</b> , 158, 91-100	3.2	18

118	Marine medaka ATP-binding cassette (ABC) superfamily and new insight into teleost Abch nomenclature. <i>Scientific Reports</i> , <b>2015</b> , 5, 15409	4.9	18
117	Modulation of p53 gene expression in the intertidal copepod Tigriopus japonicus exposed to alkylphenols. <i>Marine Environmental Research</i> , <b>2010</b> , 69 Suppl, S77-80	3.3	18
116	Thermal stress induces a distinct transcriptome profile in the Pacific oyster <i>Crassostrea gigas</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2016</b> , 19, 62-70	2	17
115	Effects of chlorpyrifos on life cycle parameters, cytochrome P450S expression, and antioxidant systems in the monogonont rotifer <i>Brachionus koreanus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1449-57	3.8	17
114	Evaluation of biomarker potential of cytochrome P450 1A (CYP1A) gene in the marine medaka, <i>Oryzias melastigma</i> exposed to water-accommodated fractions (WAFs) of Iranian crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2013</b> , 157, 172-82	3.2	17
113	Polystyrene microplastics induce mortality through acute cell stress and inhibition of cholinergic activity in a brine shrimp. <i>Molecular and Cellular Toxicology</i> , <b>2020</b> , 16, 233-243	1.6	16
112	Cloning and expression of ecdysone receptor (EcR) from the intertidal copepod, <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 303-12	3.2	16
111	Whole genome data for omics-based research on the self-fertilizing fish <i>Kryptolebias marmoratus</i> . <i>Marine Pollution Bulletin</i> , <b>2014</b> , 85, 532-41	6.7	15
110	Susceptibility to oxidative stress and modulated expression of antioxidant genes in the copper-exposed polychaete <i>Perinereis nuntia</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2012</b> , 155, 344-51	3.2	15
109	Gonadotropin-releasing hormone receptor (GnRHR) gene expression is differently modulated in gender types of the hermaphroditic fish <i>Kryptolebias marmoratus</i> by endocrine disrupting chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2008</b> , 147, 357-65	3.2	15
108	Constant exposure to environmental concentrations of the antifouling biocide Sea-Nine retards growth and reduces acetylcholinesterase activity in a marine mysid. <i>Aquatic Toxicology</i> , <b>2018</b> , 205, 165-173	5.1	15
107	Identification and molecular characterization of two Cu/Zn-SODs and Mn-SOD in the marine ciliate <i>Euplotes crassus</i> : Modulation of enzyme activity and transcripts in response to copper and cadmium. <i>Aquatic Toxicology</i> , <b>2018</b> , 199, 296-304	5.1	14
106	Genome-wide identification of nuclear receptor (NR) superfamily genes in the copepod <i>Tigriopus japonicus</i> . <i>BMC Genomics</i> , <b>2014</b> , 15, 993	4.5	14
105	Characterization of the glutathione S-transferase-Mu (GSTM) gene sequence and its expression in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> as a function of development, gender type and chemical exposure. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 174, 118-25	5	14
104	Genomic organization and transcriptional modulation in response to endocrine disrupting chemicals of three vitellogenin genes in the self-fertilizing fish <i>Kryptolebias marmoratus</i> . <i>Journal of Environmental Sciences</i> , <b>2016</b> , 42, 187-195	6.4	14
103	Exposure to sublethal concentrations of tributyltin reduced survival, growth, and 20-hydroxyecdysone levels in a marine mysid. <i>Marine Environmental Research</i> , <b>2018</b> , 140, 96-103	3.3	14
102	The polychaete, <i>Perinereis nuntia</i> ESTs and its use to uncover potential biomarker genes for molecular ecotoxicological studies. <i>Environmental Research</i> , <b>2012</b> , 112, 48-57	7.9	13
101	A Mu-class glutathione S-transferase (GSTM) from the rock shell <i>Thais clavigera</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2008</b> , 148, 195-203	3.2	13

100	De novo transcriptome assembly of brackish water flea based on short-term cadmium and benzo[ <i>a</i> ]pyrene exposure experiments. <i>Hereditas</i> , <b>2018</b> , 155, 36	2.4	13
99	Nonylphenol induces mortality and reduces hatching rate through increase of oxidative stress and dysfunction of antioxidant defense system in marine medaka embryo. <i>Molecular and Cellular Toxicology</i> , <b>2018</b> , 14, 437-444	1.6	13
98	Comparative analysis of distinctive transcriptome profiles with biochemical evidence in bisphenol S- and benzo[ <i>a</i> ]pyrene-exposed liver tissues of the olive flounder <i>Paralichthys olivaceus</i> . <i>PLoS ONE</i> , <b>2018</b> , 13, e0196425	3.7	13
97	Waterborne manganese modulates immunity, biochemical, and antioxidant parameters in the blood of red seabream and black rockfish. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 88, 546-555	4.3	12
96	Light-dependent transcriptional events during resting egg hatching of the rotifer <i>Brachionus manjavacas</i> . <i>Marine Genomics</i> , <b>2015</b> , 20, 25-31	1.9	12
95	Complete mitochondrial genome of the marine polychaete, <i>Perinereis nuntia</i> (Polychaeta, Nereididae). <i>Mitochondrial DNA</i> , <b>2013</b> , 24, 342-3		12
94	β-Naphthoflavone induces oxidative stress in the intertidal copepod, <i>Tigriopus japonicus</i> . <i>Environmental Toxicology</i> , <b>2015</b> , 30, 332-42	4.2	12
93	Expression of gonadotropin alpha, follicle-stimulating hormone beta, and luteinizing hormone beta genes of the hermaphroditic fish <i>Kryptolebias marmoratus</i> exposed to octylphenol, 17β-estradiol, and tamoxifen. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1163, 508-11	6.5	12
92	Molecular cloning and characterization of omega class glutathione S-transferase (GST-O) from the polychaete <i>Neanthes succinea</i> : biochemical comparison with theta class glutathione S-transferase (GST-T). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 146, 471-7	3.2	12
91	Long-term exposure to waterborne nonylphenol alters reproductive physiological parameters in economically important marine fish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2019</b> , 216, 10-18	3.2	12
90	Transcriptome profiling of larvae of the marine medaka <i>Oryzias melastigma</i> by Illumina RNA-seq. <i>Marine Genomics</i> , <b>2015</b> , 24 Pt 3, 255-8	1.9	11
89	Nutritional effects on the visual system of the rotifer <i>Brachionus plicatilis sensu stricto</i> (Rotifera: Monogononta). <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2014</b> , 460, 177-183	2.1	11
88	Development of enzyme-linked immunosorbent assay (ELISA) for glutathione S-transferase (GST-S) protein in the intertidal copepod <i>Tigriopus japonicus</i> and its application for environmental monitoring. <i>Chemosphere</i> , <b>2013</b> , 93, 2458-66	8.4	11
87	Immune gene discovery in the crucian carp <i>Carassius auratus</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 36, 240-51	4.3	11
86	Molecular cloning and expression of novel metallothionein (MT) gene in the polychaete <i>Perinereis nuntia</i> exposed to metals. <i>Environmental Science and Pollution Research</i> , <b>2011</b> , 19, 2606-18	5.1	11
85	Immune gene mining by pyrosequencing in the rockshell, <i>Thais clavigera</i> . <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 700-10	4.3	11
84	Bisphenol A modulates expression of gonadotropin subunit genes in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 456-66	3.2	11
83	Chromosomal-level assembly of <i>Takifugu obscurus</i> (Abe, 1949) genome using third-generation DNA sequencing and Hi-C analysis. <i>Molecular Ecology Resources</i> , <b>2020</b> , 20, 520-530	8.4	11

82	Red tide dinoflagellate <i>Cochlodinium polykrikoides</i> induces significant oxidative stress and DNA damage in the gill tissue of the red seabream <i>Pagrus major</i> . <i>Harmful Algae</i> , <b>2019</b> , 86, 37-45	5.3	10
81	Sublethal concentrations of atrazine promote molecular and biochemical changes in the digestive gland of the Pacific oyster <i>Crassostrea gigas</i> . <i>Toxicology and Environmental Health Sciences</i> , <b>2017</b> , 9, 50-58	1.9	10
80	Inhibitory effects of biocides on hatching and acetylcholinesterase activity in the brine shrimp <i>Artemia salina</i> . <i>Toxicology and Environmental Health Sciences</i> , <b>2015</b> , 7, 303-308	1.9	10
79	p53 gene expression is modulated by endocrine disrupting chemicals in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2008</b> , 147, 150-7	3.2	10
78	Bisphenol A causes mortality and reduced hatching success through increase of cell damage and dysfunction of antioxidant defense system in marine medaka embryo. <i>Toxicology and Environmental Health Sciences</i> , <b>2016</b> , 8, 290-295	1.9	10
77	Whole transcriptome analysis of the monogonont rotifer <i>Brachionus koreanus</i> provides molecular resources for developing biomarkers of carbohydrate metabolism. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2015</b> , 14, 33-41	2	9
76	Expression pattern analysis of DNA repair-related and DNA damage response genes revealed by 55K oligomicroarray upon UV-B irradiation in the intertidal copepod, <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2012</b> , 155, 359-68	3.2	9
75	Genomic organization of selected genes in the small monogonont rotifer, <i>Brachionus koreanus</i> . <i>Gene</i> , <b>2012</b> , 505, 108-13	3.8	9
74	Analysis of expressed sequence tags from the liver and ovary of the euryhaline hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2011</b> , 6, 244-55	2	9
73	Bisphenol A Induces a Distinct Transcriptome Profile in the Male Fish of the Marine Medaka <i>Oryzias javanicus</i> . <i>Biochip Journal</i> , <b>2018</b> , 12, 25-37	4	8
72	Molecular cloning, phylogenetic analysis and expression of a MAPEG superfamily gene from the pufferfish <i>Takifugu obscurus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 358-62	3.2	8
71	Expression of R-ras oncogenes in the hermaphroditic fish <i>Kryptolebias marmoratus</i> , exposed to endocrine disrupting chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 433-9	3.2	8
70	Survey of the Applications of NGS to Whole-Genome Sequencing and Expression Profiling. <i>Genomics and Informatics</i> , <b>2012</b> , 10, 1-8	1.9	8
69	Transcriptional profiling of antioxidant defense system and heat shock protein (Hsp) families in the cadmium- and copper-exposed marine ciliate <i>Euplotes crassus</i> . <i>Genes and Genomics</i> , <b>2018</b> , 40, 85-98	2.1	8
68	Non-target effects of antifouling agents on mortality, hatching success, and acetylcholinesterase activity in the brine shrimp <i>Artemia salina</i> . <i>Toxicology and Environmental Health Sciences</i> , <b>2017</b> , 9, 237-243	1.9	7
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63	Prolonged exposure to hypoxia inhibits the growth of Pacific abalone by modulating innate immunity and oxidative status. <i>Aquatic Toxicology</i> , <b>2020</b> , 227, 105596	5.1	7
62	Consistent exposure to microplastics induces age-specific physiological and biochemical changes in a marine mysid. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 162, 111850	6.7	7
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50	Identification and molecular characterization of dorsal and dorsal-like genes in the cyclopoid copepod <i>Paracyclops nana</i> . <i>Marine Genomics</i> , <b>2015</b> , 24 Pt 3, 319-27	1.9	5
49	Inhibitory effects of biocides on transcription and protein activity of acetylcholinesterase in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2015</b> , 167, 147-56	3.2	5
48	Inorganic nitrogen compounds reduce immunity and induce oxidative stress in red seabream. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 104, 237-244	4.3	5
47	Waterborne zinc pyrethione modulates immunity, biochemical, and antioxidant parameters in the blood of olive flounder. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 469-479	4.3	5



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35	Transcriptome profiling suggests roles of innate immunity and digestion metabolism in purplish Washington clam. <i>Genes and Genomics</i> , <b>2019</b> , 41, 183-191	2.1	4
34	Identification of insulin-like peptide 1 (ILP1) gene and its expression in response to different food sources in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Fisheries Science</i> , <b>2015</b> , 81, 495-504	1.9	3
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17	Development and Evaluation of Olive Flounder -Luciferase Assay for Effective Detection of CYP1A-Inducing Contaminants in Coastal Sediments. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15170-15179	10.3	1
16	The complete mitochondrial genome of (Perciformes: Cichlidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2021</b> , 6, 3487-3489	0.5	1
15	The complete mitochondrial genome of the terebellid polychaete (Terebellida; Terebellidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2021</b> , 6, 3114-3116	0.5	1
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