

# Jae-Sung Rhee

## List of Publications by Year in descending order

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Version: 2024-02-01

182  
papers

3,912  
citations

117625

34  
h-index

189892

50  
g-index

182  
all docs

182  
docs citations

182  
times ranked

3936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and molecular responses of the Antarctic harpacticoid copepod <i>Tigriopus kingsejongensis</i> to salinity fluctuations – A multigenerational study. <i>Environmental Research</i> , 2022, 204, 112075.	7.5	2
2	Effects of extremely high concentrations of polystyrene microplastics on asexual reproduction and nematocyst discharge in the jellyfish <i>Sanderia malayensis</i> . <i>Science of the Total Environment</i> , 2022, 807, 150988.	8.0	8
3	Chronic exposure to sublethal concentrations of saxitoxin reduces antioxidant activity and immunity in zebrafish but does not affect reproductive parameters. <i>Aquatic Toxicology</i> , 2022, 243, 106070.	4.0	5
4	Complete mitochondrial genome of the six-line wrasse <i>Pseudocheilinus hexataenia</i> (Labriformes). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	0.4	1
5	Reductive Transformation of Hexavalent Chromium in Ice Decreases Chromium Toxicity in Aquatic Animals. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3503-3513.	10.0	20
6	Long-term exposure to antifouling biocide chlorothalonil modulates immunity and biochemical and antioxidant parameters in the blood of olive flounder. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109337.	2.6	1
7	Characterization and phylogenetic analysis of the complete mitochondrial genome of the rainbow krib, <i>Pelvicachromis pulcher</i> (Perciformes: Cichlidae). <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 918-920.	0.4	1
8	First complete mitochondrial genome from family Moinidae, <i>Moina macrocopa</i> (Straus, 1820) (Cladocera; Moinidae). <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 980-982.	0.4	3
9	Characterization and phylogenetic analysis of the complete mitochondrial genome of the firemouth cichlid, <i>Thorichthys meeki</i> (Perciformes: Cichlidae). <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 1072-1074.	0.4	0
10	Consistent exposure to microplastics induces age-specific physiological and biochemical changes in a marine mysid. <i>Marine Pollution Bulletin</i> , 2021, 162, 111850.	5.0	19
11	The first complete mitochondrial genome from the family Solasteridae, <i>Crossaster papposus</i> (Echinodermata, Asteroidea). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 45-47.	0.4	2
12	Complete mitochondrial genome of the marine polychaete, <i>Nereis zonata</i> (Phyllodocida, Nereididae) isolated from the Beaufort Sea. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 231-233.	0.4	2
13	The linear mitochondrial genome of commensal hydroid <i>Eutima japonica</i> (Cnidaria). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 2</i>	0.4	2
14	Biochemical and physiological responses of the water flea <i>Moina macrocopa</i> to microplastics: a multigenerational study. <i>Molecular and Cellular Toxicology</i> , 2021, 17, 523-532.	1.7	21
15	Characterization and phylogenetic analysis of the complete mitochondrial genome of the polychaete, <i>Melinna cristata</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 3038-3040.	0.4	1
16	Characterization of the complete mitochondrial genome of the scale worm, <i>Eunoe nodosa</i> (Phyllodocida; Polynoidae) from the Beaufort Sea. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2835-2837.	0.4	1
17	Exposure to metals premixed with microplastics increases toxicity through bioconcentration and impairs antioxidant defense and cholinergic response in a marine mysid. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109142.	2.6	12
18	The complete mitochondrial genome of the terebellid polychaete <i>Thelepus plagiostoma</i> (Terebellida). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	0.4	2

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19	The dinoflagellate <i>Alexandrium affine</i> acutely induces significant modulations on innate immunity, hepatic function, and antioxidant defense system in the gill and liver tissues of red seabream. <i>Aquatic Toxicology</i> , 2021, 240, 105985.	4.0	9
20	The complete mitochondrial genome of <i>Lamprologus signatus</i> (Perciformes: Cichlidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 3487-3489.	0.4	2
21	Analysis of effects of environmental fluctuations on the marine mysid <i>Neomysis awatschensis</i> and its development as an experimental model animal. <i>Journal of Sea Research</i> , 2020, 156, 101834.	1.6	9
22	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> , 2020, 20, 520-530.	4.8	46
23	Prolonged exposure to hypoxia inhibits the growth of Pacific abalone by modulating innate immunity and oxidative status. <i>Aquatic Toxicology</i> , 2020, 227, 105596.	4.0	14
24	Constant and intermittent hypoxia modulates immunity, oxidative status, and blood components of red seabream and increases its susceptibility to the acute toxicity of red tide dinoflagellate. <i>Fish and Shellfish Immunology</i> , 2020, 105, 286-296.	3.6	15
25	Temperature elevation stage-specifically increases metal toxicity through bioconcentration and impairment of antioxidant defense systems in juvenile and adult marine mysids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 237, 108831.	2.6	7
26	Benzo[ <i>a</i> ]pyrene constrains embryo development via oxidative stress induction and modulates the transcriptional responses of molecular biomarkers in the marine medaka <i>Oryzias javanicus</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1050-1058.	1.7	6
27	Polystyrene microplastics induce mortality through acute cell stress and inhibition of cholinergic activity in a brine shrimp. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 233-243.	1.7	45
28	Characterization and phylogenetic analysis of the complete mitochondrial genome of the marine ribbon worm <i>Cephalothrix</i> species (nemertea: Palaeonemertea). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2012-2014.	0.4	1
29	Inorganic nitrogen compounds reduce immunity and induce oxidative stress in red seabream. <i>Fish and Shellfish Immunology</i> , 2020, 104, 237-244.	3.6	13
30	Exposure to sublethal concentrations of zinc pyriithione inhibits growth and survival of marine polychaete through induction of oxidative stress and DNA damage. <i>Marine Pollution Bulletin</i> , 2020, 156, 111276.	5.0	15
31	Complete mitochondrial genome of the blue-green damselfish, <i>Chromis viridis</i> (Perciformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	0.4	1
32	Complete mitochondrial genome of the yellow prawn-goby, <i>Cryptocentrus cinctus</i> (Perciformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.4	8
33	Complete mitochondrial genome of the fire goby, <i>Nemateleotris magnifica</i> (Perciformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	0.4	2
34	Characterization and phylogenetic analysis of the complete mitochondrial genome of <i>Florometra</i> species (Echinodermata, Crinoidea). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2010-2011.	0.4	3
35	Complete mitochondrial genome of the lemon damsel, <i>Pomacentrus moluccensis</i> (Perciformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	0.4	3
36	Complete mitochondrial genome of the marine polychaete <i>Hediste japonica</i> (Phyllodocida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.4	8

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37	Complete mitochondrial genome of the crinoid echinoderm, <i>Florometra</i> species (Echinodermata.) Tj ETQq1 1 0.784314 rgBT /Overlock 5	0.4	5
38	Development and Evaluation of Olive Flounder <i>cyp1a1</i> -Luciferase Assay for Effective Detection of CYP1A-Inducing Contaminants in Coastal Sediments. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15170-15179.	10.0	4
39	Complete mitochondrial genome of the marine mysid <i>Siriella</i> sp. (Crustacea, Mysida, Mysidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2400-2402.	0.4	1
40	Complete mitochondrial genome of the intertidal hermit crab, <i>Pagurus similis</i> (Crustacea,) Tj ETQq0 0 0 rgBT /Overlock 5 10 Tf 50 6	0.4	5
41	Waterborne zinc pyriothione modulates immunity, biochemical, and antioxidant parameters in the blood of olive flounder. <i>Fish and Shellfish Immunology</i> , 2019, 92, 469-479.	3.6	7
42	Complete mitochondrial genome of the Greenland wolf, <i>Canis lupus orion</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2836-2838.	0.4	2
43	De novo Assembly and Annotation of the Blood Transcriptome of the Southern Elephant Seal <i>Mirounga leonina</i> from the South Shetland Islands, Antarctica. <i>Ocean Science Journal</i> , 2019, 54, 307-315.	1.3	3
44	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> , 2019, 86, 37-45.	4.8	13
45	Effects of sublethal concentrations of the antifouling biocide Sea-Nine on biochemical parameters of the marine polychaete <i>Perinereis aibuhitensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 125-134.	2.6	10
46	Waterborne manganese modulates immunity, biochemical, and antioxidant parameters in the blood of red seabream and black rockfish. <i>Fish and Shellfish Immunology</i> , 2019, 88, 546-555.	3.6	23
47	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> , 2019, 14, e0214236.	2.5	41
48	Endosulfan Induces Embryotoxicity in the Marine Medaka <i>Oryzias javanicus</i> . <i>Toxicology and Environmental Health Sciences</i> , 2019, 11, 19-26.	2.1	6
49	Complete mitochondrial genome of the Arctic hare, <i>Lepus arcticus</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3621-3623.	0.4	0
50	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> , 2019, 216, 10-18.	2.6	18
51	Transcriptome profiling suggests roles of innate immunity and digestion metabolism in purplish Washington clam. <i>Genes and Genomics</i> , 2019, 41, 183-191.	1.4	8
52	Blood transcriptome resources of chinstrap ( <i>Pygoscelis antarcticus</i> ) and gentoo ( <i>Pygoscelis papua</i> ) penguins from the South Shetland Islands, Antarctica. <i>Genomics and Informatics</i> , 2019, 17, e5.	0.8	1
53	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> , 2018, 199, 296-304.	4.0	22
54	Recent Developments in Thiolated Polymeric Hydrogels for Tissue Engineering Applications. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 66-74.	4.8	37

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55	Age-dependent antioxidant responses to the bioconcentration of microcystin-LR in the mysid crustacean, <i>Neomysis awatschensis</i> . <i>Environmental Pollution</i> , 2018, 232, 284-292.	7.5	29
56	Transcriptional profiling of antioxidant defense system and heat shock protein (Hsp) families in the cadmium- and copper-exposed marine ciliate <i>Euplotes crassu</i> . <i>Genes and Genomics</i> , 2018, 40, 85-98.	1.4	13
57	De novo transcriptome assembly of brackish water flea <i>Diaphanosoma celebensis</i> based on short-term cadmium and benzo[a]pyrene exposure experiments. <i>Hereditas</i> , 2018, 155, 36.	1.4	22
58	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> , 2018, 14, 437-444.	1.7	18
59	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> , 2018, 205, 165-173.	4.0	23
60	Waterborne Phenanthrene Modulates Immune, Biochemical, and Antioxidant Parameters in the Bloods of Juvenile Olive Flounder. <i>Toxicology and Environmental Health Sciences</i> , 2018, 10, 194-202.	2.1	8
61	Comparative Toxicokinetics and Antioxidant Response in the Microcystin-LR-Exposed Gill of Two Marine Bivalves, <i>Crassostrea gigas</i> and <i>Mytilus edulis</i> . <i>Journal of Shellfish Research</i> , 2018, 37, 497-506.	0.9	8
62	Dose- and age-specific antioxidant responses of the mysid crustacean <i>Neomysis awatschensis</i> to metal exposure. <i>Aquatic Toxicology</i> , 2018, 201, 21-30.	4.0	31
63	De novo assembly and annotation of the blood transcriptome of the southern giant petrel <i>Macronectes giganteus</i> from the South Shetland Islands, Antarctica. <i>Marine Genomics</i> , 2018, 42, 63-66.	1.1	2
64	Exposure to sublethal concentrations of tributyltin reduced survival, growth, and 20-hydroxyecdysone levels in a marine mysid. <i>Marine Environmental Research</i> , 2018, 140, 96-103.	2.5	25
65	Comparative analysis of distinctive transcriptome profiles with biochemical evidence in bisphenol S- and benzo[a]pyrene-exposed liver tissues of the olive flounder <i>Paralichthys olivaceus</i> . <i>PLoS ONE</i> , 2018, 13, e0196425.	2.5	17
66	Effects of Polychlorinated Biphenyls on Survival, Growth, and Offspring Production of the Mysid Crustacean, <i>Neomysis awatschensis</i> . <i>Toxicology and Environmental Health Sciences</i> , 2018, 10, 132-138.	2.1	3
67	Bisphenol A Induces a Distinct Transcriptome Profile in the Male Fish of the Marine Medaka <i>Oryzias javanicus</i> . <i>Biochip Journal</i> , 2018, 12, 25-37.	4.9	10
68	Plasma biomarkers in juvenile marine fish provide evidence for endocrine modulation potential of organotin compounds. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 210, 35-43.	2.6	4
69	Diversity, distribution, and significance of transposable elements in the genome of the only selfing hermaphroditic vertebrate <i>Kryptolebias marmoratus</i> . <i>Scientific Reports</i> , 2017, 7, 40121.	3.3	28
70	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> , 2017, 188, 119-129.	4.0	29
71	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> , 2017, 13, 105-113.	1.7	55
72	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> , 2017, 9, 237-243.	2.1	11

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73	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> , 2017, 9, 50-58.	2.1	14
74	Transcriptome profiles of <i>Daphnia magna</i> across to the different water chemistry of surface water of the Korean Demilitarized Zone. <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 188-198.	2.1	19
75	Alternative Splicing Profile and Sex-Preferential Gene Expression in the Female and Male Pacific Abalone <i>Haliotis discus hannai</i> . <i>Genes</i> , 2017, 8, 99.	2.4	39
76	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> , 2016, 11, e0168978.	2.5	36
77	Conservation of <i>Hox</i> gene clusters in the self-fertilizing fish <i>Kryptolebias marmoratus</i> (Cyprinodontiformes; Rivulidae). <i>Journal of Fish Biology</i> , 2016, 88, 1249-1256.	1.6	6
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> , 2016, 8, 290-295.	2.1	11
79	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> , 2016, 42, 187-195.	6.1	19
80	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> , 2016, 19, 62-70.	1.0	35
81	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> , 2016, 35, 1449-1457.	4.3	20
82	Correlation between the DNA methyltransferase (Dnmt) gene family and genome-wide 5-methylcytosine (5mC) in rotifer, copepod, and fish. <i>Genes and Genomics</i> , 2016, 38, 13-23.	1.4	12
83	Omics of the marine medaka ( <i>Oryzias melastigma</i> ) and its relevance to marine environmental research. <i>Marine Environmental Research</i> , 2016, 113, 141-152.	2.5	56
84	Identification and molecular characterization of nitric oxide synthase (NOS) gene in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Gene</i> , 2016, 577, 47-54.	2.2	9
85	Transcriptome profiling of the Pacific oyster <i>Crassostrea gigas</i> by Illumina RNA-seq. <i>Genes and Genomics</i> , 2016, 38, 359-365.	1.4	9
86	Marine medaka ATP-binding cassette (ABC) superfamily and new insight into teleost Abch nomenclature. <i>Scientific Reports</i> , 2015, 5, 15409.	3.3	22
87	<i>12-O-tetradecanoylphorbol-13-acetate</i> induces oxidative stress in the intertidal copepod, <i>Tigriopus japonicus</i> . <i>Environmental Toxicology</i> , 2015, 30, 332-342.	4.0	12
88	Identification of the retinoblastoma (Rb) gene and expression in response to environmental stressors in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Marine Genomics</i> , 2015, 24, 387-396.	1.1	3
89	Inhibitory effects of biocides on hatching and acetylcholinesterase activity in the brine shrimp <i>Artemia salina</i> . <i>Toxicology and Environmental Health Sciences</i> , 2015, 7, 303-308.	2.1	12
90	Genome-wide identification and transcript profile of the whole cathepsin superfamily in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Developmental and Comparative Immunology</i> , 2015, 53, 1-12.	2.3	8

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91	Light-dependent transcriptional events during resting egg hatching of the rotifer <i>Brachionus manjavacas</i> . <i>Marine Genomics</i> , 2015, 20, 25-31.	1.1	13
92	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> , 2015, 14, 33-41.	1.0	11
93	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> , 2015, 81, 495-504.	1.6	3
94	Early expansion and expression of the lipopolysaccharide (LPS)-induced TNF- $\alpha$ factor (LITAF) gene family in the LPS-exposed monogonont rotifer <i>Brachionus koreanus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 188, 15-23.	1.6	3
95	Transcriptome profiling of larvae of the marine medaka <i>Oryzias melastigma</i> by Illumina RNA-seq. <i>Marine Genomics</i> , 2015, 24, 255-258.	1.1	11
96	Identification and molecular characterization of dorsal and dorsal-like genes in the cyclopoid copepod <i>Paracyclops nana</i> . <i>Marine Genomics</i> , 2015, 24, 319-327.	1.1	7
97	Potential applications of nuisance microalgae blooms. <i>Journal of Applied Phycology</i> , 2015, 27, 1223-1234.	2.8	27
98	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> , 2015, 167, 147-156.	2.6	6
99	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> , 2015, 120, 470-478.	8.2	39
100	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> , 2015, 167, 15-23.	2.6	39
101	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> , 2015, 120, 398-406.	8.2	29
102	Genome-wide identification of whole ATP-binding cassette (ABC) transporters in the intertidal copepod <i>Tigriopus japonicus</i> . <i>BMC Genomics</i> , 2014, 15, 651.	2.8	38
103	Identification of three doublesex genes in the monogonont rotifer <i>Brachionus koreanus</i> and their transcriptional responses to environmental stressor-triggered population growth retardation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 174, 36-44.	1.6	6
104	Genome-wide identification of nuclear receptor (NR) superfamily genes in the copepod <i>Tigriopus japonicus</i> . <i>BMC Genomics</i> , 2014, 15, 993.	2.8	17
105	Immune gene discovery in the crucian carp <i>Carassius auratus</i> . <i>Fish and Shellfish Immunology</i> , 2014, 36, 240-251.	3.6	20
106	Ultraviolet radiation and cyanobacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 141, 154-169.	3.8	152
107	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> , 2014, 156, 135-147.	4.0	29
108	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> , 2014, 166, 65-74.	2.6	110

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109	Nutritional effects on the visual system of the rotifer <i>Brachionus plicatilis sensu stricto</i> (Rotifera: Tj ETQq1 1 0.784314 rgBT /Overlock 16	1.5	16
110	Transcriptome information of the Arctic green sea urchin and its use in environmental monitoring. <i>Polar Biology</i> , 2014, 37, 1133-1144.	1.2	4
111	Complete mitochondrial genome of the monogonont rotifer, <i>Brachionus koreanus</i> (Rotifera,) Tj ETQq1 1 0.784314 rgBT /Overlock 61	0.6	61
112	Whole genome data for omics-based research on the self-fertilizing fish <i>Kryptolebias marmoratus</i> . <i>Marine Pollution Bulletin</i> , 2014, 85, 532-541.	5.0	16
113	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> , 2014, 164, 11-20.	2.6	33
114	Transcriptional profiles of Rel/NF- $\kappa$ B, inhibitor of NF- $\kappa$ B ( $\text{I}\kappa\text{B}$ ), and lipopolysaccharide-induced TNF- $\alpha$ factor (LITAF) in the lipopolysaccharide (LPS) and two <i>Vibrio</i> sp.-exposed intertidal copepod, <i>Tigriopus japonicus</i> . <i>Developmental and Comparative Immunology</i> , 2014, 42, 229-239.	2.3	9
115	Effects of benzo[a]pyrene on whole cytochrome P450-involved molecular responses in the marine medaka <i>Oryzias melastigma</i> . <i>Aquatic Toxicology</i> , 2014, 152, 232-243.	4.0	38
116	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> , 2013, 90, 75-84.	2.5	36
117	Role of crustacean hyperglycemic hormone (CHH) in the environmental stressor-exposed intertidal copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 131-141.	2.6	9
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123	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> , 2013, 92, 1214-1223.	8.2	22
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