Jae-Sung Rhee

List of Publications by Year
in descending order

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182	3,912	117625	189892
papers	citations	34 h-index	50 g-index

182	182	182	3936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultraviolet radiation and cyanobacteria. Journal of Photochemistry and Photobiology B: Biology, 2014, 141, 154-169.	3.8	152
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Expression Pattern of Entire Cytochrome P450 Genes and Response of Defensomes in the Benzo[a]pyrene-Exposed Monogonont Rotifer Brachionus koreanus. Environmental Science & Technology, 2013, 47, 13804-13812.	10.0	69
10	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
11	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
12	Complete mitochondrial genome of the monogonont rotifer,Brachionus koreanus(Rotifera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	61
13	Omics of the marine medaka (Oryzias melastigma) and its relevance to marine environmental research. Marine Environmental Research, 2016, 113, 141-152.	2.5	56
14	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
15	Transcriptome response of the Pacific oyster, Crassostrea gigas susceptible to thermal stress: A comparison with the response of tolerant oyster. Molecular and Cellular Toxicology, 2017, 13, 105-113.	1.7	55
16	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
17	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
18	Bisphenol A modulates expression of sex differentiation genes in the self-fertilizing fish, Kryptolebias marmoratus. Aquatic Toxicology, 2011, 104, 218-229.	4.0	46

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19	Chromosomalâ€level assembly of Takifugu obscurus (Abe, 1949) genome using thirdâ€generation DNA sequencing and Hiâ€C analysis. Molecular Ecology Resources, 2020, 20, 520-530.	4.8	46
20	Polystyrene microplastics induce mortality through acute cell stress and inhibition of cholinergic activity in a brine shrimp. Molecular and Cellular Toxicology, 2020, 16, 233-243.	1.7	45
21	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 & Integrative Physiology, 2012, 161, 145-152.	1.8	44
22	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
23	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
24	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
25	Chlorothalonil induces oxidative stress and reduces enzymatic activities of Na+/K+-ATPase and acetylcholinesterase in gill tissues of marine bivalves. PLoS ONE, 2019, 14, e0214236.	2.5	41
26	Sequence analysis of genomic DNA (680 Mb) by GS-FLX-Titanium sequencer in the monogonont rotifer, Brachionus ibericus. Hydrobiologia, 2011, 662, 65-75.	2.0	39
27	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
28	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
29	Alternative Splicing Profile and Sex-Preferential Gene Expression in the Female and Male Pacific Abalone Haliotis discus hannai. Genes, 2017, 8, 99.	2.4	39
30	Genome-wide identification of whole ATP-binding cassette (ABC) transporters in the intertidal copepod Tigriopus japonicus. BMC Genomics, 2014, 15, 651.	2.8	38
31	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
32	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
33	Recent Developments in Thiolated Polymeric Hydrogels for Tissue Engineering Applications. Tissue Engineering - Part B: Reviews, 2018, 24, 66-74.	4.8	37
34	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[Î±]pyrene. Marine Environmental Research, 2013, 90, 75-84.	2.5	36
35	Effects of Antifouling Biocides on Molecular and Biochemical Defense System in the Gill of the Pacific Oyster Crassostrea gigas. PLoS ONE, 2016, 11, e0168978.	2.5	36
36	The copepod Tigriopus japonicus genomic DNA information (574Mb) and molecular anatomy. Marine Environmental Research, 2010, 69, S21-S23.	2.5	35

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37	Thermal stress induces a distinct transcriptome profile in the Pacific oyster Crassostrea gigas. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 19, 62-70.	1.0	35
38	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
39	Dose- and age-specific antioxidant responses of the mysid crustacean Neomysis awatschensis to metal exposure. Aquatic Toxicology, 2018, 201, 21-30.	4.0	31
40	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
41	Gamma irradiationâ€induced oxidative stress and developmental impairment in the hermaphroditic fish, Kryptolebias marmoratus embryo. Environmental Toxicology and Chemistry, 2012, 31, 1745-1753.	4.3	30
42	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
43	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 Tigriopus japonicus. Chemosphere, 2015, 120, 398-406.	8.2	29
44	Microcystin-LR bioconcentration induces antioxidant responses in the digestive gland of two marine bivalves Crassostrea gigas and Mytilus edulis. Aquatic Toxicology, 2017, 188, 119-129.	4.0	29
45	Age-dependent antioxidant responses to the bioconcentration of microcystin-LR in the mysid crustacean, Neomysis awatschensis. Environmental Pollution, 2018, 232, 284-292.	7.5	29
46	Expression of superoxide dismutase (SOD) genes from the copper-exposed polychaete, Neanthes succinea. Marine Pollution Bulletin, 2011, 63, 277-286.	5.0	28
47	Molecular and biochemical modulation of heat shock protein 20 (Hsp20) gene by temperature stress and hydrogen peroxide (H2O2) in the monogonont rotifer, Brachionus sp.. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 19-27.	2.6	28
48	Diversity, distribution, and significance of transposable elements in the genome of the only selfing hermaphroditic vertebrate Kryptolebias marmoratus. Scientific Reports, 2017, 7, 40121.	3.3	28
49	Potential applications of nuisance microalgae blooms. Journal of Applied Phycology, 2015, 27, 1223-1234.	2.8	27
50	The yellow catfish, Pelteobagrus fulvidraco (Siluriformes) metallothionein cDNA: molecular cloning and transcript expression level in response to exposure to the heavy metals Cd, Cu, and Zn. Fish Physiology and Biochemistry, 2012, 38, 1331-1342.	2.3	26
51	Effect of copper exposure on GST activity and on the expression of four GSTs under oxidative stress condition in the monogonont rotifer, Brachionus koreanus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 158, 91-100.	2.6	25
52	Exposure to sublethal concentrations of tributyltin reduced survival, growth, and 20-hydroxyecdysone levels in a marine mysid. Marine Environmental Research, 2018, 140, 96-103.	2.5	25
53	Susceptibility to oxidative stress and modulated expression of antioxidant genes in the copper-exposed polychaete Perinereis nuntia. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 344-351.	2.6	24
54	Constant exposure to environmental concentrations of the antifouling biocide Sea-Nine retards growth and reduces acetylcholinesterase activity in a marine mysid. Aquatic Toxicology, 2018, 205, 165-173.	4.0	23

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55	Waterborne manganese modulates immunity, biochemical, and antioxidant parameters in the blood of red seabream and black rockfish. Fish and Shellfish Immunology, 2019, 88, 546-555.	3.6	23
56	Gonadotropin-releasing hormone receptor (GnRHR) gene expression is differently modulated in gender types of the hermaphroditic fish Kryptolebias marmoratus by endocrine disrupting chemicals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 357-365.	2.6	22
57	Expression profile analysis of antioxidative stress and developmental pathway genes in the manganese-exposed intertidal copepod Tigriopus japonicus with 6K oligochip. Chemosphere, 2013, 92, 1214-1223.	8.2	22
58	Marine medaka ATP-binding cassette (ABC) superfamily and new insight into teleost Abch nomenclature. Scientific Reports, 2015, 5, 15409.	3.3	22
59	Identification and molecular characterization of two Cu/Zn-SODs and Mn-SOD in the marine ciliate Euplotes crassus: Modulation of enzyme activity and transcripts in response to copper and cadmium. Aquatic Toxicology, 2018, 199, 296-304.	4.0	22
60	De novo transcriptome assembly of brackish water flea Diaphanosoma celebensis based on short-term cadmium and benzo[a]pyrene exposure experiments. Hereditas, 2018, 155, 36.	1.4	22
61	Cloning and expression of ecdysone receptor (EcR) from the intertidal copepod, Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 303-312.	2.6	21
62	Cloning of growth hormone, somatolactin, and their receptor mRNAs, their expression in organs, during development, and on salinity stress in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 436-442.	1.8	21
63	Co-expression of antioxidant enzymes with expression of p53, DNA repair, and heat shock protein genes in the gamma ray-irradiated hermaphroditic fish Kryptolebias marmoratus larvae. Aquatic Toxicology, 2013, 140-141, 58-67.	4.0	21
64	Biochemical and physiological responses of the water flea Moina macrocopa to microplastics: a multigenerational study. Molecular and Cellular Toxicology, 2021, 17, 523-532.	1.7	21
65	Immune gene discovery in the crucian carp Carassius auratus. Fish and Shellfish Immunology, 2014, 36, 240-251.	3.6	20
66	Effects of chlorpyrifos on life cycle parameters, cytochrome P450S expression, and antioxidant systems in the monogonont rotifer Brachionus koreanus. Environmental Toxicology and Chemistry, 2016, 35, 1449-1457.	4.3	20
67	Reductive Transformation of Hexavalent Chromium in Ice Decreases Chromium Toxicity in Aquatic Animals. Environmental Science & Technology, 2022, 56, 3503-3513.	10.0	20
68	A corticotropin-releasing hormone binding protein (CRH-BP) gene from the intertidal copepod, Tigriopus japonicus. General and Comparative Endocrinology, 2008, 158, 54-60.	1.8	19
69	Modulation of p53 gene expression in the intertidal copepod Tigriopus japonicus exposed to alkylphenols. Marine Environmental Research, 2010, 69, S77-S80.	2.5	19
70	Genomic organization and transcriptional modulation in response to endocrine disrupting chemicals of three vitellogenin genes in the self-fertilizing fish Kryptolebias marmoratus. Journal of Environmental Sciences, 2016, 42, 187-195.	6.1	19
71	Transcriptome profiles of Daphnia magna across to the different water chemistry of surface water of the Korean Demilitarized Zone. Toxicology and Environmental Health Sciences, 2017, 9, 188-198.	2.1	19
72	Consistent exposure to microplastics induces age-specific physiological and biochemical changes in a marine mysid. Marine Pollution Bulletin, 2021, 162, 111850.	5.0	19

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73	Mining of biomarker genes from expressed sequence tags and differential display reverse transcriptase-polymerase chain reaction in the self-fertilizing fish, Kryptolebias marmoratus and their expression patterns in response to exposure to an endocrine-disrupting alkylphenol, bisphenol A. Molecules and Cells, 2007, 23, 287-303.	2.6	19
74	Evaluation of biomarker potential of cytochrome P450 1A (CYP1A) gene in the marine medaka, Oryzias melastigma exposed to water-accommodated fractions (WAFs) of Iranian crude oil. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 172-182.	2.6	18
75	Nonylphenol induces mortality and reduces hatching rate through increase of oxidative stress and dysfunction of antioxidant defense system in marine medaka embryo. Molecular and Cellular Toxicology, 2018, 14, 437-444.	1.7	18
76	Long-term exposure to waterborne nonylphenol alters reproductive physiological parameters in economically important marine fish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 216, 10-18.	2.6	18
77	A Mu-class glutathione S-transferase (GSTM) from the rock shell Thais clavigera. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 195-203.	2.6	17
78	The polychaete, Perinereis nuntia ESTs and its use to uncover potential biomarker genes for molecular ecotoxicological studies. Environmental Research, 2012, 112, 48-57.	7.5	17
79	Genome-wide identification of nuclear receptor (NR) superfamily genes in the copepod Tigriopus japonicus. BMC Genomics, 2014, 15, 993.	2.8	17
80	Comparative analysis of distinctive transcriptome profiles with biochemical evidence in bisphenol S- and benzo[a]pyrene-exposed liver tissues of the olive flounder Paralichthys olivaceus. PLoS ONE, 2018, 13, e0196425.	2.5	17
81	Nutritional effects on the visual system of the rotifer Brachionus plicatilis sensu stricto (Rotifera:) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	16
82	Whole genome data for omics-based research on the self-fertilizing fish Kryptolebias marmoratus. Marine Pollution Bulletin, 2014, 85, 532-541.	5.0	16
83	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. Fish and Shellfish Immunology, 2020, 105, 286-296.	3.6	15
84	Exposure to sublethal concentrations of zinc pyrithione inhibits growth and survival of marine polychaete through induction of oxidative stress and DNA damage. Marine Pollution Bulletin, 2020, 156, 111276.	5.0	15
85	Molecular cloning and characterization of omega class glutathione S-transferase (GST-O) from the polychaete Neanthes succinea: Biochemical comparison with theta class glutathione S-transferase (GST-T). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 471-477.	2.6	14
86	Characterization of the glutathione S-transferase-Mu (GSTM) gene sequence and its expression in the hermaphroditic fish, Kryptolebias marmoratus as a function of development, gender type and chemical exposure. Chemico-Biological Interactions, 2008, 174, 118-125.	4.0	14
87	p53 gene expression is modulated by endocrine disrupting chemicals in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 150-157.	2.6	14
88	Analysis of expressed sequence tags from the liver and ovary of the euryhaline hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2011, 6, 244-255.	1.0	14
89	Complete mitochondrial genome of the marine polychaete,Perinereis nuntia(Polychaeta,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	14
90	Sublethal concentrations of atrazine promote molecular and biochemical changes in the digestive gland of the Pacific oyster Crassostrea gigas. Toxicology and Environmental Health Sciences, 2017, 9, 50-58.	2.1	14

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91	Prolonged exposure to hypoxia inhibits the growth of Pacific abalone by modulating innate immunity and oxidative status. Aquatic Toxicology, 2020, 227, 105596.	4.0	14
92	Expression of Gonadotropin Î±, Follicleâ€stimulating Hormone Î², and Luteinizing Hormone Î² Genes of the Hermaphroditic Fish Kryptolebias marmoratus Exposed to Octylphenol, 17Î² Estradiol, and Tamoxifen. Annals of the New York Academy of Sciences, 2009, 1163, 508-511.	3.8	13
93	Bisphenol A modulates expression of gonadotropin subunit genes in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 456-466.	2.6	13
94	Light-dependent transcriptional events during resting egg hatching of the rotifer Brachionus manjavacas. Marine Genomics, 2015, 20, 25-31.	1.1	13
95	Transcriptional profiling of antioxidant defense system and heat shock protein (Hsp) families in the cadmium- and copper-exposed marine ciliate Euplotes crassu. Genes and Genomics, 2018, 40, 85-98.	1.4	13
96	Red tide dinoflagellate Cochlodinium polykrikoides induces significant oxidative stress and DNA damage in the gill tissue of the red seabream Pagrus major. Harmful Algae, 2019, 86, 37-45.	4.8	13
97	Inorganic nitrogen compounds reduce immunity and induce oxidative stress in red seabream. Fish and Shellfish Immunology, 2020, 104, 237-244.	3.6	13
98	Molecular cloning and expression of novel metallothionein (MT) gene in the polychaete Perinereis nuntia exposed to metals. Environmental Science and Pollution Research, 2012, 19, 2606-2618.	5.3	12
99	Expression pattern analysis of DNA repair-related and DNA damage response genes revealed by 55K oligomicroarray upon UV-B irradiation in the intertidal copepod, Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 359-368.	2.6	12
100	Development of enzyme-linked immunosorbent assay (ELISA) for glutathione S-transferase (GST-S) protein in the intertidal copepod Tigriopus japonicus and its application for environmental monitoring. Chemosphere, 2013, 93, 2458-2466.	8.2	12
101	Î²â€Naphthoflavone induces oxidative stress in the intertidal copepod, Tigriopus japonicus. Environmental Toxicology, 2015, 30, 332-342.	4.0	12
102	Inhibitory effects of biocides on hatching and acetylcholinesterase activity in the brine shrimp Artemia salina. Toxicology and Environmental Health Sciences, 2015, 7, 303-308.	2.1	12
103	Correlation between the DNA methyltransferase (Dnmt) gene family and genome-wide 5-methylcytosine (5mC) in rotifer, copepod, and fish. Genes and Genomics, 2016, 38, 13-23.	1.4	12
104	Exposure to metals premixed with microplastics increases toxicity through bioconcentration and impairs antioxidant defense and cholinergic response in a marine mysid. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 249, 109142.	2.6	12
105	Molecular cloning, phylogenetic analysis and expression of a MAPEG superfamily gene from the pufferfish Takifugu obscurus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 358-362.	2.6	11
106	Endocrine disruptors modulate expression of hepatic choriogenin genes in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 170-178.	2.6	11
107	Endocrine disrupting chemicals modulate expression of O6-methylguanine DNA methyltransferase (O6-MGMT) gene in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 141-149.	2.6	11
108	Immune gene mining by pyrosequencing in the rockshell, Thais clavigera. Fish and Shellfish Immunology, 2012, 32, 700-710.	3.6	11

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109	Whole transcriptome analysis of the monogonont rotifer Brachionus koreanus provides molecular resources for developing biomarkers of carbohydrate metabolism. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 14, 33-41.	1.0	11
110	Transcriptome profiling of larvae of the marine medaka Oryzias melastigma by Illumina RNA-seq. Marine Genomics, 2015, 24, 255-258.	1.1	11
111	Bisphenol A causes mortality and reduced hatching success through increase of cell damage and dysfunction of antioxidant defense system in marine medaka embryo. Toxicology and Environmental Health Sciences, 2016, 8, 290-295.	2.1	11
112	Non-target effects of antifouling agents on mortality, hatching success, and acetylcholinesterase activity in the brine shrimp Artemia salina. Toxicology and Environmental Health Sciences, 2017, 9, 237-243.	2.1	11
113	Bisphenol A Induces a Distinct Transcriptome Profile in the Male Fish of the Marine Medaka Oryzias javanicus. Biochip Journal, 2018, 12, 25-37.	4.9	10
114	Effects of sublethal concentrations of the antifouling biocide Sea-Nine on biochemical parameters of the marine polychaete Perinereis aibuhitensis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 222, 125-134.	2.6	10
115	Expression of R-ras oncogenes in the hermaphroditic fish Kryptolebias marmoratus, exposed to endocrine disrupting chemicals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 433-439.	2.6	9
116	Genomic organization of selected genes in the small monogonont rotifer, Brachionus koreanus. Gene, 2012, 505, 108-113.	2.2	9
117	Role of crustacean hyperglycemic hormone (CHH) in the environmental stressor-exposed intertidal copepod Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 158, 131-141.	2.6	9
118	Transcriptional profiles of Rel/NF-Î�ºB, inhibitor of NF-Î¬B (IÎ¬B), and lipopolysaccharide-induced TNF-Î± factor (LITAF) in the lipopolysaccharide (LPS) and two Vibrio sp.-exposed intertidal copepod, Tigriopus japonicus. Developmental and Comparative Immunology, 2014, 42, 229-239.	2.3	9
119	Identification and molecular characterization of nitric oxide synthase (NOS) gene in the intertidal copepod Tigriopus japonicus. Gene, 2016, 577, 47-54.	2.2	9
120	Transcriptome profiling of the Pacific oyster Crassostrea gigas by Illumina RNA-seq. Genes and Genomics, 2016, 38, 359-365.	1.4	9
121	Analysis of effects of environmental fluctuations on the marine mysid Neomysis awatschensis and its development as an experimental model animal. Journal of Sea Research, 2020, 156, 101834.	1.6	9
122	Survey of the Applications of NGS to Whole-Genome Sequencing and Expression Profiling. Genomics and Informatics, 2012, 10, 1.	0.8	9
123	The dinoflagellate Alexandrium affine acutely induces significant modulations on innate immunity, hepatic function, and antioxidant defense system in the gill and liver tissues of red seabream. Aquatic Toxicology, 2021, 240, 105985.	4.0	9
124	Genome-wide identification and transcript profile of the whole cathepsin superfamily in the intertidal copepod Tigriopus japonicus. Developmental and Comparative Immunology, 2015, 53, 1-12.	2.3	8
125	Waterborne Phenanthrene Modulates Immune, Biochemical, and Antioxidant Parameters in the Bloods of Juvenile Olive Flounder. Toxicology and Environmental Health Sciences, 2018, 10, 194-202.	2.1	8
126	Comparative Toxicokinetics and Antioxidant Response in the Microcystin-LR-Exposed Gill of Two Marine Bivalves, Crassostrea gigas and Mytilus edulis. Journal of Shellfish Research, 2018, 37, 497-506.	0.9	8

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127	Transcriptome profiling suggests roles of innate immunity and digestion metabolism in purplish Washington clam. Genes and Genomics, 2019, 41, 183-191.	1.4	8
128	Effects of extremely high concentrations of polystyrene microplastics on asexual reproduction and nematocyst discharge in the jellyfish Sanderia malayensis. Science of the Total Environment, 2022, 807, 150988.	8.0	8
129	Modulatory effect of environmental endocrine disruptors on N-ras oncogene expression in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 299-305.	2.6	7
130	Effects of salinity and endocrine-disrupting chemicals on expression of prolactin and prolactin receptor genes in the euryhaline hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 413-423.	2.6	7
131	Identification and molecular characterization of dorsal and dorsal-like genes in the cyclopoid copepod Paracyclopina nana. Marine Genomics, 2015, 24, 319-327.	1.1	7
132	Waterborne zinc pyrithione modulates immunity, biochemical, and antioxidant parameters in the blood of olive flounder. Fish and Shellfish Immunology, 2019, 92, 469-479.	3.6	7
133	Temperature elevation stage-specifically increases metal toxicity through bioconcentration and impairment of antioxidant defense systems in juvenile and adult marine mysids. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 237, 108831.	2.6	7
134	Effects of Endocrine Disruptors onBombina orientalisP450 Aromatase Activity. Zoological Science, 2010, 27, 338-343.	0.7	6
135	Identification and analysis of whole microcystin synthetase genes from two Korean strains of the cyanobacterium Microcystis aeruginosa. Genes and Genomics, 2012, 34, 435-439.	1.4	6
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164	The first complete mitochondrial genome from the family Solasteridae, Crossaster papposus (Echinodermata, Asteroidea). Mitochondrial DNA Part B: Resources, 2021, 6, 45-47.	0.4	2
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