Eun-Ji Won

List of Publications by Year
in descending order

68	3,075	218677	161849
papers	citations	26 h-index	54 g-index

68	68	68	3626
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular evidence for suppression of swimming behavior and reproduction in the estuarine rotifer Brachionus koreanus in response to COVID-19 disinfectants. Marine Pollution Bulletin, 2022, 175, 113396.	5.0	14
2	Environmental fate and trophic transfer of synthetic musk compounds and siloxanes in Geum River, Korea: Compound-specific nitrogen isotope analysis of amino acids for accurate trophic position estimation. Environment International, 2022, 161, 107123.	10.0	13
3	Combined effects of heavy metals (Cd, As, and Pb): Comparative study using conceptual models and the antioxidant responses in the brackish water flea. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108863.	2.6	17
4	An individual-based model for evaluating post-exposure effects of UV-B radiation on zooplankton reproduction. Ecological Modelling, 2021, 441, 109379.	2.5	4
5	Integrated approach for quantitative estimation of particulate organic carbon sources in a complex river system. Water Research, 2021, 199, 117194.	11.3	7
6	Validation of reference genes for quantitative real-time PCR in chemical exposed and at different ageâ€™s brackish water flea Diaphanosoma celebensis. Scientific Reports, 2021, 11, 23691.	3.3	3
7	Variability of trophic magnification factors as an effect of estimated trophic position: Application of compound-specific nitrogen isotope analysis of amino acids. Environment International, 2020, 135, 105361.	10.0	19
8	Trophic transfer of persistent toxic substances through a coastal food web in Ulsan Bay, South Korea: Application of compound-specific isotope analysis of nitrogen in amino acids. Environmental Pollution, 2020, 266, 115160.	7.5	14
9	Cloning and molecular characterization of estrogen-related receptor (ERR) and vitellogenin genes in the brackish water flea Diaphanosoma celebensis exposed to bisphenol A and its structural analogues. Marine Pollution Bulletin, 2020, 154, 111063.	5.0	16
10	Evaluation of alkane indexes for quantifying organic source from end member mixing experiments based on soil and algae. Ecological Indicators, 2019, 107, 105574.	6.3	2
11	Carbon and nitrogen stable isotope signatures linked to anthropogenic toxic substances pollution in a highly industrialized area of South Korea. Marine Pollution Bulletin, 2019, 144, 152-159.	5.0	30
12	Patterns of Gene Expression Variation across Body Parts of the Hydrothermal Vent Shrimp Nautilocaris saintlaurentae. Ocean Science Journal, 2019, 54, 595-609.	1.3	0
13	Chronic adverse effects of oil dispersed sediments on growth, hatching, and reproduction of benthic copepods: Indirect exposure for long-term tests. Marine Environmental Research, 2018, 137, 225-233.	2.5	4
14	Importance of accurate trophic level determination by nitrogen isotope of amino acids for trophic magnification studies: A review. Environmental Pollution, 2018, 238, 677-690.	7.5	41
15	Response of antioxidant enzymes to Cd and Pb exposure in water flea Daphnia magna: Differential metal and age â€" Specific patterns. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 209, 28-36.	2.6	24
16	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
17	A Study of the Contaminated Sediment Management System in Korea, with Suggestions for Improvement. Journal of Coastal Research, 2018, 85, 1426-1430.	0.3	0
18	Biological Impact Assessment of Sediments:A Preliminary Study for Using Pore Water and Elutriate as Exposure Media. Journal of Coastal Research, 2018, 85, 1431-1435.	0.3	0

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19	Environmental assessment of contaminated marine sediments treated with solidification agents: Directions for improving environmental assessment guidelines. Marine Environmental Research, 2018, 139, 193-200.	2.5	9
20	Identification and molecular characterization of cytochrome P450 (CYP450) family genes in the marine ciliate Euplotes crassus : The effect of benzo[a]pyrene and beta-naphthoflavone. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 196, 71-80.	2.6	7
21	Rotifers in Ecotoxicology. Fisheries Science Series, 2017, , 149-176.	0.5	11
22	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
23	A brominated flame retardant 2,2â¿²,4,4â¿² tetrabrominated diphenyl ether (BDE-47) leads to lipogenesis in the copepod Tigriopus japonicus. Aquatic Toxicology, 2016, 178, 19-26.	4.0	16
24	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 rgBT /Overlock 10 Tf 50 542 T Pharmacology, 2016, 185-186, 131-137.	2.6	40
25	Target organs of the Manila clam Ruditapes philippinarum for studying metal accumulation and biomarkers in pollution monitoring: laboratory and in-situ transplantation experiments. Environmental Monitoring and Assessment, 2016, 188, 478.	2.7	16
26	Microplastic Size-Dependent Toxicity, Oxidative Stress Induction, and p-JNK and p-p38 Activation in the Monogonont Rotifer (Brachionus koreanus). Environmental Science & Technology, 2016, 50, 8849-8857.	10.0	875
27	Potential of the small cyclopoid copepod Paracyclopina nana as an invertebrate model for ecotoxicity testing. Aquatic Toxicology, 2016, 180, 282-294.	4.0	36
28	Adverse Effects, Expression of the Bk-CYP3045C1 Gene, and Activation of the ERK Signaling Pathway in the Water Accommodated Fraction-Exposed Rotifer. Environmental Science & Technology, 2016, 50, 6025-6035.	10.0	28
29	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
30	Acute Toxicity of Gamma Radiation to the Monogonont Rotifer Brachionus koreanus. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 387-391.	2.7	4
31	Effects of multi-walled carbon nanotube (MWCNT) on antioxidant depletion, the ERK signaling pathway, and copper bioavailability in the copepod (Tigriopus japonicus). Aquatic Toxicology, 2016, 171, 9-19.	4.0	29
32	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
33	Significance of Biomarkers in the Assessment of Dredged Materials for Beneficial Reuses and Disposal. Journal of Environmental Impact Assessment, 2016, 25, 466-476.	0.3	0
34	RNA-seq based whole transcriptome analysis of the cyclopoid copepod Paracyclopina nana focusing on xenobiotics metabolism. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 15, 12-19.	1.0	21
35	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
36	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

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37	Copepods as References Species in Estuarine and Marine Waters. , 2015, , 281-308.		13
38	Identification of the Full 46 Cytochrome P450 (CYP) Complement and Modulation of CYP Expression in Response to Water-Accommodated Fractions of Crude Oil in the Cyclopoid Copepod Paracyclopina nana. Environmental Science & Technology, 2015, 49, 6982-6992.	10.0	51
39	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
40	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
41	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
42	Identification of insulin-like peptide 1 (ILP1) gene and its expression in response to different food sources in the intertidal copepod Tigriopus japonicus. Fisheries Science, 2015, 81, 495-504.	1.6	3
43	Microalgae â€“ A promising tool for heavy metal remediation. Ecotoxicology and Environmental Safety, 2015, 113, 329-352.	6.0	595
44	An integrated view of gamma radiation effects on marine fauna: from molecules to ecosystems. Environmental Science and Pollution Research, 2015, 22, 17443-17452.	5.3	15
45	Inhibitory effects of biocides on transcription and protein activity of acetylcholinesterase in the intertidal copepod Tigriopus japonicus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 167, 147-156.	2.6	6
46	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
47	Sublethal gamma irradiation affects reproductive impairment and elevates antioxidant enzyme and DNA repair activities in the monogonont rotifer Brachionus koreanus. Aquatic Toxicology, 2014, 155, 101-109.	4.0	28
48	Effects of UV radiation on hatching, lipid peroxidation, and fatty acid composition in the copepod Paracyclopina nana. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 165, 60-66.	2.6	24
49	Three novel superoxide dismutase genes identified in the marine polychaete Perinereis nuntia and their differential responses to single and combined metal exposures. Ecotoxicology and Environmental Safety, 2014, 107, 36-45.	6.0	15
50	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
51	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
52	Combined effects of cadmium and copper on the expression of antioxidant enzyme â€” coding genes in the polychaete, Perinereis nuntia. Toxicology and Environmental Health Sciences, 2013, 5, 26-33.	2.1	7
53	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
54	Complete mitochondrial genome of the marine polychaete,Perinereis nuntia(Polychaeta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.6	14

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55	Corrigendum to â€œExpression 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±]pyreneâ€•[Mar. Environ. Res. 90C (2013) 75â€“84]. Marine Environmental Research, 2013, 92, 282.	2.5	0
56	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
57	Spatial and temporal variations of trace metals in sediments from the artificial Saemangeum Lake, Korea. Geochemical Journal, 2013, 47, 475-487.	1.0	5
58	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
59	Evaluation of the potential impact of polluted sediments using Manila clam Ruditapes philippinarum: bioaccumulation and biomarker responses. Environmental Science and Pollution Research, 2012, 19, 2570-2580.	5.3	18
60	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
61	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
62	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
63	Expression of superoxide dismutase (SOD) genes from the copper-exposed polychaete, Neanthes succinea. Marine Pollution Bulletin, 2011, 63, 277-286.	5.0	28
64	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
65	Current nonylphenol pollution and the past 30years record in an artificial Lake Shihwa, Korea. Marine Pollution Bulletin, 2010, 60, 308-313.	5.0	23
66	Evaluation of induction of metallothionein-like proteins (MTLPs) in the polychaetes for biomonitoring of heavy metal pollution in marine sediments. Marine Pollution Bulletin, 2008, 57, 544-551.	5.0	39
67	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
68	Organic carbon and nitrogen composition in the sediment of the Kara Sea, Arctic Ocean during the Last Glacial Maximum to Holocene times. Geophysical Research Letters, 2007, 34, .	4.0	5