

Kiyun Park

List of Publications by Year in descending order

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72
papers

1,014
citations

430874

18
h-index

477307

29
g-index

72
all docs

72
docs citations

72
times ranked

981
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular effects of endocrine-disrupting chemicals on the <i>Chironomus riparius</i> estrogen-related receptor gene. <i>Chemosphere</i> , 2010, 79, 934-941.	8.2	76
2	Characterization of heat shock protein 40 and 90 in <i>Chironomus riparius</i> larvae: Effects of di(2-ethylhexyl) phthalate exposure on gene expressions and mouthpart deformities. <i>Chemosphere</i> , 2008, 74, 89-95.	8.2	63
3	Ecotoxicological multilevel-evaluation of the effects of fenbendazole exposure to <i>Chironomus riparius</i> larvae. <i>Chemosphere</i> , 2009, 77, 359-367.	8.2	58
4	Canine Polydactyl Mutations With Heterogeneous Origin in the Conserved Intronic Sequence of LMBR1. <i>Genetics</i> , 2008, 179, 2163-2172.	2.9	51
5	Biological and molecular responses of <i>Chironomus riparius</i> (Diptera, Chironomidae) to herbicide 2,4-D (2,4-dichlorophenoxyacetic acid). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 439-446.	2.6	50
6	Cascading effects from survival to physiological activities, and gene expression of heat shock protein 90 on the abalone <i>Haliotis discus hannai</i> responding to continuous thermal stress. <i>Fish and Shellfish Immunology</i> , 2015, 42, 233-240.	3.6	39
7	Effects of combined stressors to cadmium and high temperature on antioxidant defense, apoptotic cell death, and DNA methylation in zebrafish (<i>Danio rerio</i>) embryos. <i>Science of the Total Environment</i> , 2020, 716, 137130.	8.0	34
8	Implementation of computational methods to pattern recognition of movement behavior of <i>Blattella germanica</i> (Blattaria: Blattellidae) treated with Ca ²⁺ signal inducing chemicals. <i>Applied Entomology and Zoology</i> , 2004, 39, 79-96.	1.2	32
9	Identification of potential markers and sensitive tissues for low or high salinity stress in an intertidal mud crab (<i>Macrophthalmus japonicus</i>). <i>Fish and Shellfish Immunology</i> , 2014, 41, 407-416.	3.6	30
10	Disrupting effects of antibiotic sulfathiazole on developmental process during sensitive life-cycle stage of <i>Chironomus riparius</i> . <i>Chemosphere</i> , 2018, 190, 25-34.	8.2	30
11	Expression of <i>Chironomus riparius</i> serine-type endopeptidase gene under di-(2-ethylhexyl)-phthalate (DEHP) exposure. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 151, 349-354.	1.6	27
12	Effects of thermal stress-induced lead (Pb) toxicity on apoptotic cell death, inflammatory response, oxidative defense, and DNA methylation in zebrafish (<i>Danio rerio</i>) embryos. <i>Aquatic Toxicology</i> , 2020, 224, 105479.	4.0	27
13	Comparison of Water Sampling between Environmental DNA Metabarcoding and Conventional Microscopic Identification: A Case Study in Gwangyang Bay, South Korea. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3272.	2.5	25
14	Expression of stress response HSP70 gene in Asian paddle crabs, <i>Charybdis japonica</i> , exposure to endocrine disrupting chemicals, bisphenol A (BPA) and 4-nonylphenol (NP). <i>Ocean Science Journal</i> , 2013, 48, 207-214.	1.3	24
15	Gene expression of ribosomal protein mRNA in <i>Chironomus riparius</i> : Effects of endocrine disruptor chemicals and antibiotics. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 113-120.	2.6	23
16	The effect of temperature gradients on endocrine signaling and antioxidant gene expression during <i>Chironomus riparius</i> development. <i>Science of the Total Environment</i> , 2014, 470-471, 1003-1011.	8.0	23
17	Heavy metal contamination and metallothionein mRNA in blood and feathers of Black-tailed gulls (<i>Larus crassirostris</i>) from South Korea. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2221-2230.	2.7	22
18	Chitinase gene responses and tissue sensitivity in an intertidal mud crab (<i>Macrophthalmus japonicus</i>) following low or high salinity stress. <i>Cell Stress and Chaperones</i> , 2015, 20, 517-526.	2.9	20

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19	Changes of exoskeleton surface roughness and expression of crucial participation genes for chitin formation and digestion in the mud crab (<i>Macrophthalmus japonicus</i>) following the antifouling biocide irgarol. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 186-195.	6.0	19
20	Ecotoxicological evaluation of tributyltin toxicity to the equilateral venus clam, <i>Gomphina veneriformis</i> (Bivalvia: Veneridae). <i>Fish and Shellfish Immunology</i> , 2012, 32, 426-433.	3.6	17
21	Assessment of potential biomarkers, metallothionein and vitellogenin mRNA expressions in various chemically exposed benthic <i>Chironomus riparius</i> larvae. <i>Ocean Science Journal</i> , 2012, 47, 435-444.	1.3	17
22	Vitellogenin gene characterization and expression of Asian paddle crabs (<i>Charybdis japonica</i>) following endocrine disrupting chemicals. <i>Ocean Science Journal</i> , 2014, 49, 127-135.	1.3	17
23	Characterization and gene expression of heat shock protein 90 in marine crab <i>Charybdis japonica</i> following bisphenol A and 4-nonylphenol exposures. <i>Environmental Health and Toxicology</i> , 2014, 29, e2014002.	1.8	17
24	Discrimination of Spatial Distribution of Aquatic Organisms in a Coastal Ecosystem Using eDNA. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3450.	2.5	16
25	Endocrine-disrupting chemicals impair the innate immune prophenoloxidase system in the intertidal mud crab, <i>Macrophthalmus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 87, 322-332.	3.6	16
26	Alcohol dehydrogenase gene expression in <i>Chironomus riparius</i> exposed to di(2-ethylhexyl) phthalate. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 361-367.	2.6	14
27	Changes in exoskeleton surface roughness and expression of chitinase genes in mud crab <i>Macrophthalmus japonicus</i> following heavy metal differences of estuary. <i>Marine Pollution Bulletin</i> , 2019, 138, 11-18.	5.0	14
28	Cadmium-induced developmental alteration and upregulation of serine-type endopeptidase transcripts in wild freshwater populations of <i>Chironomus plumosus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110240.	6.0	13
29	Environmental Pollutants Impair Transcriptional Regulation of the Vitellogenin Gene in the Burrowing Mud Crab (<i>Macrophthalmus Japonicus</i>). <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1401.	2.5	12
30	Identification and expression of proteolysis-response genes for <i>Macrophthalmus japonicus</i> exposure to irgarol toxicity. <i>Annales De Limnologie</i> , 2016, 52, 65-74.	0.6	11
31	Expression Levels of the Immune-Related p38 Mitogen-Activated Protein Kinase Transcript in Response to Environmental Pollutants on <i>Macrophthalmus japonicus</i> Crab. <i>Genes</i> , 2020, 11, 958.	2.4	11
32	Calponin gene expression in <i>Chironomus riparius</i> exposed to di(2-ethylhexyl) phthalate. <i>Environmental Toxicology</i> , 2009, 24, 555-562.	4.0	10
33	Antioxidative-related genes expression following perfluorooctane sulfonate (PFOS) exposure in the intertidal mud crab, <i>Macrophthalmus japonicus</i> . <i>Ocean Science Journal</i> , 2015, 50, 547-556.	1.3	10
34	Salinity and bisphenol A alter cellular homeostasis and immune defense by heat shock proteins in the intertidal crab <i>Macrophthalmus japonicus</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2019, 229, 106381.	2.1	8
35	Purification of WAP domain-containing antimicrobial peptides from green tiger shrimp <i>Penaeus semisulcatus</i> . <i>Microbial Pathogenesis</i> , 2020, 140, 103920.	2.9	8
36	Food Chains and Food Webs in Aquatic Ecosystems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5012.	2.5	8

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37	Effects of di-(2-ethylhexyl) phthalate on Transcriptional Expression of Cellular Protection-Related HSP60 and HSP67B2 Genes in the Mud Crab <i>Macrophthalmus japonicus</i> . <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2766.	2.5	8
38	First Gut Content Analysis of 4th Instar Midge Larvae (Diptera: Chironomidae) In Large-Scale Weirs Using a DNA Meta-Barcoding Approach. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2856.	2.6	8
39	Purification and partial characterization of carbohydrate-recognition protein C-type lectin from <i>Hemifusus pugilinus</i> . <i>Carbohydrate Research</i> , 2021, 499, 108224.	2.3	8
40	Morphological and Genetic Species Identification in the <i>Chironomus</i> Larvae (Diptera: Chironomidae) Tj ETQq0 0 0 rgBT /Overlock 10 T Environment, 2020, 53, 286-294.	0.3	8
41	Linkage of the locus for canine dewclaw to chromosome 16. <i>Genomics</i> , 2004, 83, 216-224.	2.9	7
42	Characterization and Transcriptional Response of Ecdysone Receptor Gene in the Mud Crab <i>Macrophthalmus japonicus</i> : Effects of Osmotic Stress and Endocrine Disrupting Chemicals. <i>Ocean Science Journal</i> , 2019, 54, 611-620.	1.3	7
43	Explicit Characterization of Spatial Heterogeneity Based on Water Quality, Sediment Contamination, and Ichthyofauna in a Riverine-to-Coastal Zone. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 409.	2.6	7
44	Assessing Spatial Distribution of Benthic Macroinvertebrate Communities Associated with Surrounding Land Cover and Water Quality. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5162.	2.5	7
45	Complete mitochondrial genome of <i>Stictochironomus akizukii</i> (Tokunaga) (Chironomidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2020, 5, 2310-2311.	0.4	6
46	Morphological and functional characterization of circulating hemocytes using microscopy techniques. <i>Microscopy Research and Technique</i> , 2020, 83, 736-743.	2.2	5
47	Complete mitochondrial genome of <i>Chironomus flaviplumus</i> (Diptera: Chironomidae) collected in Korea. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2843-2844.	0.4	5
48	The Molecular Biomarker Genes Expressions of Rearing Species <i>Chironomus riparius</i> and Field Species <i>Chironomus plumosus</i> Exposure to Heavy Metals. <i>Korean Journal of Ecology and Environment</i> , 2015, 48, 86-94.	0.3	5
49	EDCs trigger immune-neurotransmitter related gene expression, and cause histological damage in sensitive mud crab <i>Macrophthalmus japonicus</i> gills and hepatopancreas. <i>Fish and Shellfish Immunology</i> , 2022, 122, 484-494.	3.6	5
50	Expression of the Heat Shock Protein 70 Gene and External Developmental Traits of Two Bivalvia Species, <i>Crassostrea gigas</i> and <i>Mytilus galloprovincialis</i> , under Aquaculture Environments. <i>Korean Journal of Ecology and Environment</i> , 2016, 49, 22-30.	0.3	4
51	Gene Expression of <i>Chironomus riparius</i> Heat Shock Protein 70 and Developmental Retardation Exposure to Salinity.. <i>Korean Journal of Ecology and Environment</i> , 2017, 50, 305-313.	0.3	4
52	Isotopic Evidence for Ontogenetic Shift in Food Resource Utilization during the Migration of the Slipmouth <i>Leiognathus nuchalis</i> in Gwangyang Bay, Korea. <i>Korean Journal of Ichthyology</i> , 2020, 32, 84-90.	0.1	4
53	Morphological and Genetic Species Identification in the Chironomidae Larvae Found in Tap Water Purification Plants in Jeju. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 240-246.	0.3	4
54	Effect of Amino Acid Substitution in the <i>Penaeus monodon</i> LGBP and Specificity Through Mutational Analysis. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1789-1801.	1.9	2

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55	Evaluation of length–weight relations for 15 fish species (Actinopterygii) from the Seomjin River basin in South Korea. <i>Acta Ichthyologica Et Piscatoria</i> , 2020, 50, 209-213.	0.7	2
56	Stress Evaluation to Heavy Metal Exposure using Molecular Marker in <i>Chironomus riparius</i> . <i>Korean Journal of Ecology and Environment</i> , 2020, 53, 165-172.	0.3	2
57	Co-occurrence of Bacillariophyceae-based- and Cryptophyceae-based planktonic food webs in a temperate estuarine ecosystem revealed via eDNA. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107661.	2.1	2
58	Integrated analysis of exoskeletal surface profile and chitin-related gene expression on <i>Macrophthalmus japonicus</i> mud crabs exposed to hexabromocyclododecane. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109331.	2.6	2
59	Apoptotic p53 Gene Expression in the Regulation of Persistent Organic Pollutant (POP)-Induced Oxidative Stress in the Intertidal Crab <i>Macrophthalmus japonicus</i> . <i>Antioxidants</i> , 2022, 11, 771.	5.1	2
60	Characterization and structural analysis of prophenoloxidase in mud crab <i>Scylla serrata</i> and discovering novel chemical inhibitors through virtual screening. <i>Structural Chemistry</i> , 2020, 31, 1563-1584.	2.0	1
61	Ribosomal protein S3 gene expression of <i>Chironomus riparius</i> under cadmium, copper and lead stress. <i>Journal of Toxicology and Environmental Health Sciences</i> , 2011, 3, .	0.4	1
62	Differential Expression of the Apolipoprotein AI Gene in Spotnape Ponyfish (<i>Nuchequula nuchalis</i>) Inhabiting Different Salinity Ranges at the Top of the Estuary and in the Deep-Bay Area of Gwangyang Bay, South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10960.	2.6	1
63	Biological Effects and Mouthpart Deformity on <i>Chironomus plumosus</i> Exposed to Chromium and Copper. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 13-20.	0.3	1
64	Molecular Phylogenetic Study of the Barbel Steed (<i>Hemibarbus labeo</i>) in Seomjin River of Korea. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 221-230.	0.3	1
65	Ecotoxicological Response of Cd and Zn Exposure to a Field Dominant Species, <i>Chironomus plumosus</i> . <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 266-273.	0.3	1
66	Multi-Level Gene Expression in Response to Environmental Stress in Aquatic Invertebrate Chironomids: Potential Applications in Water Quality Monitoring. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021, 259, 77-122.	1.3	1
67	Phylogenetic and Morphological Comparison between <i>Thamnaconus septentrionalis</i> and <i>T. modestus</i> Collected in Southwest Seashore. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 229-239.	0.3	1
68	Complete mitochondrial genome of <i>Favonigobius gymnauchen</i> (BLEEKER, 1850) assembled from next-generation sequencing data. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2930-2931.	0.4	0
69	Ecotoxicological End-points on Intertidal Mud Crab, <i>Macrophthalmus japonicus</i> , following PFOS (Perfluorooctane Sulfonate) Exposure. <i>Hangug Hwangyeong Saengmul Haghoeji</i> , 2014, 32, 311-318.	0.4	0
70	Migration of Glass Eel (<i>Anguilla japonica</i>) through Fish Way and Lock Gate in an Estuarine Barrage. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 65-70.	0.3	0
71	A Literature Review of Fish Feeding Research in the Coast - Estuary Areas of Korean Peninsula. <i>Korean Journal of Ecology and Environment</i> , 2019, 52, 126-135.	0.3	0
72	Phylogenetic Analysis Using cytochrome c oxidase Subunit I of Silver Croaker (<i>Pennahia</i>)	0.3	0