

Hyun-Woo Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

923
citations

19
h-index

27
g-index

107
ext. papers

1,106
ext. citations

2.1
avg, IF

3.92
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 85 | Ecdysteroid-responsive genes, RXR and E75, in the tropical land crab, <i>Gecarcinus lateralis</i> : differential tissue expression of multiple RXR isoforms generated at three alternative splicing sites in the hinge and ligand-binding domains. <i>Molecular and Cellular Endocrinology</i> , 2005 , 242, 80-95 | 4.4 | 81 |
| 84 | A crustacean nitric oxide synthase expressed in nerve ganglia, Y-organ, gill and gonad of the tropical land crab, <i>Gecarcinus lateralis</i> . <i>Journal of Experimental Biology</i> , 2004 , 207, 2845-57 | 3 | 72 |
| 83 | The mechanism of antibacterial activity of phlorofucofuroeckol-A against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 9795-804 | 5.7 | 42 |
| 82 | Two juvenile hormone esterase-like carboxylesterase cDNAs from a <i>Pandalus</i> shrimp (<i>Pandalopsis japonica</i>): cloning, tissue expression, and effects of eyestalk ablation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011 , 159, 148-56 | 2.3 | 38 |
| 81 | Characterization of a myostatin-like gene from the bay scallop, <i>Argopecten irradians</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004 , 1679, 174-9 | | 37 |
| 80 | Expression of alternatively spliced transcripts for a myostatin-like protein in the blackback land crab, <i>Gecarcinus lateralis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008 , 150, 423-30 | 2.6 | 36 |
| 79 | Five hepatopancreatic and one epidermal chitinases from a pandalid shrimp (<i>Pandalopsis japonica</i>): cloning and effects of eyestalk ablation on gene expression. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 161, 197-207 | 2.3 | 35 |
| 78 | <i>Kocuria gwangalliensis</i> sp. nov., an actinobacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2769-72 | 2.2 | 30 |
| 77 | In vitro antibacterial activity and synergistic antibiotic effects of phlorotannins isolated from <i>Eisenia bicyclis</i> against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Phytotherapy Research</i> , 2013 , 27, 1260-4 | 6.7 | 27 |
| 76 | Characterization of two vitellogenin cDNAs from a <i>Pandalus</i> shrimp (<i>Pandalopsis japonica</i>): expression in hepatopancreas is down-regulated by endosulfan exposure. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010 , 157, 102-12 | 2.3 | 27 |
| 75 | Effective RNA-silencing strategy of Lv-MSTN/GDF11 gene and its effects on the growth in shrimp, <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 179, 9-16 | 2.3 | 26 |
| 74 | Myostatin from the American lobster, <i>Homarus americanus</i> : Cloning and effects of molting on expression in skeletal muscles. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010 , 157, 328-37 | 2.6 | 26 |
| 73 | The influence of climate regime shifts on the marine environment and ecosystems in the East Asian Marginal Seas and their mechanisms. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 143, 110-120 | 2.3 | 22 |
| 72 | Synergistic Antibacterial Effect and Antibacterial Action Mode of Chitosan-Ferulic Acid Conjugate against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 784-9 | 3.3 | 22 |
| 71 | Twelve actin-encoding cDNAs from the American lobster, <i>Homarus americanus</i> : cloning and tissue expression of eight skeletal muscle, one heart, and three cytoplasmic isoforms. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 153, 178-84 | 2.3 | 21 |
| 70 | Metabarcoding analysis of the stomach contents of the Antarctic Toothfish () collected in the Antarctic Ocean. <i>PeerJ</i> , 2017 , 5, e3977 | 3.1 | 20 |
| 69 | Streptomycin mediated biofilm inhibition and suppression of virulence properties in <i>Pseudomonas aeruginosa</i> PAO1. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 799-816 | 5.7 | 20 |

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|----|--|------|----|
| 68 | Removal of off-flavors from sea tangle (<i>Laminaria japonica</i>) extract by fermentation with <i>Aspergillus oryzae</i> . <i>Bioresource Technology</i> , 2012 , 121, 475-9 | 11 | 19 |
| 67 | Production of a novel silk-like protein from sea anemone and fabrication of wet-spun and electrospun marine-derived silk fibers. <i>NPG Asia Materials</i> , 2013 , 5, e50-e50 | 10.3 | 19 |
| 66 | Pancreatic lipase-related protein (PY-PLRP) highly expressed in the vitellogenic ovary of the scallop, <i>Patinopecten yessoensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 151, 52-8 | 2.3 | 19 |
| 65 | β nAChR subunit residues that confer Econotoxin BuIA selectivity. <i>FASEB Journal</i> , 2012 , 26, 4102-10 | 0.9 | 18 |
| 64 | Molecular characterization of myostatin-like genes expressed highly in the muscle tissue from Morotoge shrimp, <i>Pandalopsis japonica</i> . <i>Aquaculture Research</i> , 2010 , 41, e862-e871 | 1.9 | 17 |
| 63 | Cloning and tissue expression of eleven troponin-C isoforms in the American lobster, <i>Homarus americanus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010 , 157, 88-101 | 2.3 | 17 |
| 62 | Development of a cost-effective metabarcoding strategy for analysis of the marine phytoplankton community. <i>PeerJ</i> , 2016 , 4, e2115 | 3.1 | 17 |
| 61 | Molecular characterization of three crustin genes in the morotoge shrimp, <i>Pandalopsis japonica</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 163, 161-71 | 2.3 | 16 |
| 60 | Two type I crustacean hyperglycemic hormone (CHH) genes in Morotoge shrimp (<i>Pandalopsis japonica</i>): cloning and expression of eyestalk and pericardial organ isoforms produced by alternative splicing and a novel type I CHH with predicted structure shared with type II CHH peptides. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , | 2.3 | 16 |
| 59 | Differences in gene organization between type I and type II crustins in the morotoge shrimp, <i>Pandalopsis japonica</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1176-84 | 4.3 | 11 |
| 58 | Guanylyl cyclases in the tropical land crab, <i>Gecarcinus lateralis</i> : Cloning of soluble (NO-sensitive and -insensitive) and membrane receptor forms. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2007 , 2, 332-44 | 2 | 11 |
| 57 | The genome of the Antarctic-endemic copepod, <i>Tigriopus kingsejongensis</i> . <i>GigaScience</i> , 2017 , 6, 1-9 | 7.6 | 8 |
| 56 | Three cDNAs encoding vitellogenin homologs from Antarctic copepod, <i>Tigriopus kingsejongensis</i> : Cloning and transcriptional analysis in different maturation stages, temperatures, and putative reproductive hormones. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 192, 38-48 | 2.3 | 8 |
| 55 | Four cDNAs encoding lipoprotein receptors from shrimp (<i>Pandalopsis japonica</i>): structural characterization and expression analysis during maturation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 169, 51-62 | 2.3 | 8 |
| 54 | Using Text-mining Method to Identify Research Trends of Freshwater Exotic Species in Korea.. <i>Korean Journal of Ecology and Environment</i> , 2015 , 48, 195-202 | 0.2 | 8 |
| 53 | Complete mitochondrial genome of <i>Palaemon gravieri</i> (Yu, 1930) (Crustacea: Decapoda: Palaemonidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017 , 28, 277-278 | 1.3 | 7 |
| 52 | Establishment condition and characterization of heart-derived cell culture in Siberian sturgeon (<i>Acipenser baerii</i>). <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014 , 50, 909-17 | 2.6 | 7 |
| 51 | Molecular characterization of four actin cDNAs and effects of 20-hydroxyecdysone on their expression in swimming crab, <i>Portunus trituberculatus</i> (Miers, 1876). <i>Animal Cells and Systems</i> , 2013 , 17, 203-212 | 2.3 | 7 |

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|----|--|-----|---|
| 50 | Molecular cloning, tissue distribution and quantitative analysis of two proopiomelanocortin mRNAs in Japanese flounder (<i>Paralichthys olivaceus</i>). <i>BMB Reports</i> , 2009 , 42, 206-11 | 5.5 | 7 |
| 49 | pH-Responsive assembly of metal nanoparticles and fluorescent dyes by diblock copolymer micelles. <i>Soft Matter</i> , 2015 , 11, 4402-7 | 3.6 | 6 |
| 48 | Molecular characterization of an adiponectin receptor homolog in the white leg shrimp, <i>Litopenaeus vannamei</i> . <i>PeerJ</i> , 2016 , 4, e2221 | 3.1 | 6 |
| 47 | Assessment of fish biodiversity in four Korean rivers using environmental DNA metabarcoding. <i>PeerJ</i> , 2020 , 8, e9508 | 3.1 | 6 |
| 46 | Transcriptomic analysis of the hepatopancreas induced by eyestalk ablation in shrimp, <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017 , 24, 99-110 | 2 | 5 |
| 45 | Reproductive Biology of <i>Pandalus Gracilis</i> Stimpson, 1860 (Decapoda, Pandalidae) in the Southeastern Coastal Waters of Korea. <i>Crustaceana</i> , 2008 , 81, 797-811 | 0.4 | 5 |
| 44 | First record of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> , in Korean waters. <i>Animal Cells and Systems</i> , 2010 , 14, 213-219 | 2.3 | 4 |
| 43 | Genomic analysis of red-tide water bloomed with in Geoje. <i>PeerJ</i> , 2018 , 6, e4854 | 3.1 | 4 |
| 42 | Complete mitochondrial genome of brownstripe red snapper, (Perciformes: Lutjanidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 1129-1130 | 0.5 | 4 |
| 41 | Molecular characterization of four genes highly expressed during megalopa stage in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Ocean Science Journal</i> , 2015 , 50, 61-75 | 1.1 | 3 |
| 40 | Characterization of complete mitochondrial genome of (Perciformes: Artedidraconidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 5, 156-157 | 0.5 | 3 |
| 39 | Complete mitochondrial genome of Australian spiny lobster, <i>Panulirus cygnus</i> (George, 1962) (Crustacea: Decapoda: Palinuridae) from coast of Australia. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4576-4577 | 1.3 | 3 |
| 38 | Molecular cloning and characterization of three cDNAs encoding allatostatin-like neurosecretory peptides from <i>Pandalopsis japonica</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 163, 334-48 | 2.3 | 3 |
| 37 | Estrogenicity of 4-nonylphenol and diethylstilbestrol on in vitro oocyte maturation of the dusky tripletooth goby, <i>Tridentiger obscurus</i> . <i>Animal Cells and Systems</i> , 2010 , 14, 161-167 | 2.3 | 3 |
| 36 | Complete mitochondrial genome of Kishi velvet shrimp, (Rathbun, 1902) (Crustacea: Decapoda: Penaeidae) in the East China Sea. <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 120-121 | 0.5 | 3 |
| 35 | Total mitochondrial genome of mantis shrimp, <i>Squilla leptoquilla</i> (Brooks, 1886) (Crustacea: Stomatopoda: Squillidae) in Korean waters. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2842-3 | 1.3 | 2 |
| 34 | Five nicotinic acetylcholine receptor subunits from the Morotoge shrimp, <i>Pandalopsis japonica</i> : cloning, tissue distribution, and functional expression in <i>Xenopus</i> oocytes. <i>Animal Cells and Systems</i> , 2015 , 19, 393-406 | 2.3 | 2 |
| 33 | Identifying patterns in the multitrophic community and food-web structure of a low-turbidity temperate estuarine bay. <i>Scientific Reports</i> , 2020 , 10, 16637 | 4.9 | 2 |

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|----|---|-----|---|
| 32 | Chromosomal assembly of the Antarctic toothfish () genome using third-generation DNA sequencing and Hi-C technology. <i>Zoological Research</i> , 2021 , 42, 124-129 | 3.4 | 2 |
| 31 | Genetic Diversity and Population Structure of the Antarctic Toothfish, <i>Dissostichus mawsoni</i> , Using Mitochondrial and Microsatellite DNA Markers. <i>Frontiers in Marine Science</i> , 2021 , 8, | 4.5 | 2 |
| 30 | Distribution of chaetognaths (Aphragmophora: Sagittidae) in Korean waters. <i>Ocean Science Journal</i> , 2016 , 51, 447-454 | 1.1 | 1 |
| 29 | Development of the cephalopod-specific universal primer set and its application for the metabarcoding analysis of planktonic cephalopods in Korean waters. <i>PeerJ</i> , 2019 , 7, e7140 | 3.1 | 1 |
| 28 | The complete mitochondrial genome of Japanese sea lion, (Carnivora: Otariidae) analyzed using the excavated skeletal remains from Ulleungdo, South Korea. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 3184-3185 | 0.5 | 1 |
| 27 | The complete mitochondrial genome of the doubled-lined mackerel Rüppell, 1836 (Perciformes: Scombridae) from Beqa lagoon in Fiji. <i>Mitochondrial DNA Part B: Resources</i> , 2020 , 5, 3688-3689 | 0.5 | 1 |
| 26 | Characterization of the complete mitochondrial genome of brown barracuda, (Perciformes: Sphyraenidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020 , 5, 3042-3043 | 0.5 | 1 |
| 25 | Metabarcoding Analysis of Ichthyoplankton in the East/Japan Sea Using the Novel Fish-Specific Universal Primer Set. <i>Frontiers in Marine Science</i> , 2021 , 8, | 4.5 | 1 |
| 24 | Characterization of the complete mitochondrial genome of (Perciformes, Channichthyidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3914-3915 | 0.5 | 1 |
| 23 | Morphological dietary composition of Antarctic toothfish (<i>Dissostichus mawsoni</i>) along the East Antarctic continental slope. <i>Polar Biology</i> , 2021 , 44, 499-508 | 2 | 1 |
| 22 | Characterization of the mitogenome of (Pleuronectiformes: Cynoglossidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 1191-1192 | 0.5 | 1 |
| 21 | The complete mitochondrial genome of the Argentine red shrimp (Bate, 1888) (Crustacea, Decapoda, Solenoceridae). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 1027-1028 | 0.5 | 1 |
| 20 | Complete mitochondrial genome of (Crustacea, Decapoda, Penaeidae) from Aceh province, Indonesia. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 898-899 | 0.5 | 1 |
| 19 | Characterization of complete mitochondrial genome of two-spot swimming crab (Miers, 1886). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 900-901 | 0.5 | 1 |
| 18 | Feeding Strategy of the Wild Korean Seahorse (<i>Hippocampus haema</i>). <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 357 | 2.4 | 1 |
| 17 | Complete mitochondrial genome of green shrimp, (Crustacea: Decapoda: Pandalidae) in Korean water. <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 2206-2207 | 0.5 | 0 |
| 16 | Characterization of the complete mitochondrial genome of Gangetic ailia, (Siluriformes: Ailiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 2258-2259 | 0.5 | 0 |
| 15 | Characterization of the complete mitochondrial genome of Golden cusk, (Ophidiiformes: Ophidiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020 , 5, 3815-3816 | 0.5 | 0 |

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|----|---|-----|---|
| 14 | The complete mitochondrial genome of the blue runner, (Mitchill, 1815) (Teleostei: Carangidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 1519-1520 | 0.5 | o |
| 13 | The complete mitogenome of Bagrid catfish (Siluriformes: Claroteidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 1239-1240 | 0.5 | o |
| 12 | Application of Dual Metabarcoding Platforms for the Meso- and Macrozooplankton Taxa in the Ross Sea. <i>Genes</i> , 2022 , 13, 922 | 4.2 | o |
| 11 | The Jawa and Bali Island Marine Fish Molecular Identification to Improve 12S rRNA-tRNA Valin-16S rRNA Partial Region Sequences on the GenBank Database. <i>Thalassas</i> , 2020 , 36, 343-356 | 0.9 | |
| 10 | Relative Growth of Three Chionoecetes Crabs (decapoda, Majidae) in the East Sea, Korea. <i>Crustaceana</i> , 2011 , 84, 897-904 | 0.4 | |
| 9 | Mitogenome Announcement Characterization of the complete mitochondrial genome of golden tank goby, (Perciformes: Gobiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020 , 5, 3817-3818 | 0.5 | |
| 8 | Characterization of the complete mitochondrial genome of the Northern Mud Gudgeon, (Perciformes: Eleotridae) with phylogenetic implications. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 953-955 | 0.5 | |
| 7 | The complete mitochondrial genome of the longneck croaker, Bleeker, 1863 from Sierra Leone. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 1640-1641 | 0.5 | |
| 6 | Characterization of the complete mitochondrial genome of collected from Nakdong River, South Korea. <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3908-3909 | 0.5 | |
| 5 | Characterization of the complete mitochondrial genome of in Korean river. <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3886-3887 | 0.5 | |
| 4 | Characterization of the complete mitochondrial genome of (Eliot, 1913) collected from Korean water. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 1057-1058 | 0.5 | |
| 3 | The complete mitochondrial genome of the Korean endemic species (Kim, Park, Son & Nalbant, 2003).. <i>Mitochondrial DNA Part B: Resources</i> , 2022 , 7, 21-22 | 0.5 | |
| 2 | Assessment of the Dynamics of Microbial Community Associated with Culture under Different LED Lights Using Next-Generation Sequencing. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 1957-1968 | 3.3 | |
| 1 | Optimized pretreatment conditions for the environmental DNA (eDNA) analysis of <i>Apostichopus japonicus</i> . <i>Fisheries and Aquatic Sciences</i> , 2022 , 25, 264-275 | 2.9 | |