

# Jin-Hyoung Kim

## List of Publications by Citations

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36

papers

531

citations

15

h-index

22

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38

ext. papers

673

ext. citations

4.2

avg, IF

3.6

L-index

#	Paper	IF	Citations
36	Antarctic blackfin icefish genome reveals adaptations to extreme environments. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 469-478	12.3	62
35	Effect of cadmium exposure on expression of antioxidant gene transcripts in the river pufferfish, Takifugu obscurus (Tetraodontiformes). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 473-9	3.2	52
34	Expression profiles of seven glutathione S-transferase (GST) genes in cadmium-exposed river pufferfish (Takifugu obscurus). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 99-106	3.2	43
33	Cloning of a river pufferfish (Takifugu obscurus) metallothionein cDNA and study of its induction profile in cadmium-exposed fish. <i>Chemosphere</i> , <b>2008</b> , 71, 1251-9	8.4	41
32	Molecular cloning and beta-naphthoflavone-induced expression of a cytochrome P450 1A (CYP1A) gene from an anadromous river pufferfish, Takifugu obscurus. <i>Marine Pollution Bulletin</i> , <b>2008</b> , 57, 433-40	6.7	27
31	Effects of chronic growth hormone overexpression on appetite-regulating brain gene expression in coho salmon. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 413, 178-88	4.4	25
30	The yellow catfish, <i>Pelteobagrus fulvidraco</i> (Siluriformes) metallothionein cDNA: molecular cloning and transcript expression level in response to exposure to the heavy metals Cd, Cu, and Zn. <i>Fish Physiology and Biochemistry</i> , <b>2012</b> , 38, 1331-42	2.7	24
29	De Novo Transcriptome Characterization and Growth-Related Gene Expression Profiling of Diploid and Triploid Bighead Catfish ( <i>Clarias macrocephalus</i> Günther, 1864). <i>Marine Biotechnology</i> , <b>2017</b> , 19, 36-48	3.4	21
28	Multi metal assessment on biofilm formation in offshore environment. <i>Materials Science and Engineering C</i> , <b>2017</b> , 73, 743-755	8.3	19
27	Salinity changes in the anadromous river pufferfish, Takifugu obscurus, mediate gene regulation. <i>Fish Physiology and Biochemistry</i> , <b>2014</b> , 40, 205-19	2.7	19
26	Multi-tissue transcriptome profiles for coho salmon ( <i>Oncorhynchus kisutch</i> ), a species undergoing rediploidization following whole-genome duplication. <i>Marine Genomics</i> , <b>2016</b> , 25, 33-37	1.9	18
25	cDNA cloning and expression of a xenobiotic metabolizing cytochrome P4501A (CYP1A) from the yellow catfish, <i>Pelteobagrus fulvidraco</i> (Siluriformes). <i>Environmental Toxicology</i> , <b>2008</b> , 23, 346-53	4.2	17
24	Proteomic comparison of selective breeding and growth hormone transgenesis in fish: Unique pathways to enhanced growth. <i>Journal of Proteomics</i> , <b>2019</b> , 192, 114-124	3.9	17
23	Growth hormone transgenesis in coho salmon disrupts muscle immune function impacting cross-talk with growth systems. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	16
22	Disease resistance and health parameters of growth-hormone transgenic and wild-type coho salmon, <i>Oncorhynchus kisutch</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 1553-9	4.3	16
21	Biomonitoring of the river pufferfish, Takifugu obscurus in aquaculture at different rearing densities using stress-related genes. <i>Aquaculture Research</i> , <b>2013</b> , 44, 1835-1846	1.9	14
20	Draft genome of the Antarctic dragonfish, <i>Parachaenichthys charcoti</i> . <i>GigaScience</i> , <b>2017</b> , 6, 1-6	7.6	14

19	Chromosomal-level assembly of Takifugu obscurus (Abe, 1949) genome using third-generation DNA sequencing and Hi-C analysis. <i>Molecular Ecology Resources</i> , <b>2020</b> , 20, 520-530	8.4	11
18	Interaction of growth hormone overexpression and nutritional status on pituitary gland clock gene expression in coho salmon, <i>Oncorhynchus kisutch</i> . <i>Chronobiology International</i> , <b>2015</b> , 32, 113-27	3.6	9
17	First Insights into the Subterranean Crustacean Bathynellacea Transcriptome: Transcriptionally Reduced Opsin Repertoire and Evidence of Conserved Homeostasis Regulatory Mechanisms. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170424	3.7	8
16	Effect of growth hormone overexpression on gastric evacuation rate in coho salmon. <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 119-135	2.7	8
15	The AMPK system of salmonid fishes was expanded through genome duplication and is regulated by growth and immune status in muscle. <i>Scientific Reports</i> , <b>2019</b> , 9, 9819	4.9	8
14	Molecular cloning, phylogenetic analysis and expression of a MAPEG superfamily gene from the pufferfish Takifugu obscurus. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 358-62	3.2	8
13	Effect of growth rate on transcriptomic responses to immune stimulation in wild-type, domesticated, and GH-transgenic coho salmon. <i>BMC Genomics</i> , <b>2019</b> , 20, 1024	4.5	8
12	EDCs-induced glucocorticoid receptor related genes expression of the river pufferfish, Takifugu obscurus. <i>Aquaculture Research</i> , <b>2013</b> , 44, 985-994	1.9	5
11	Multivariate Analysis of Deboning Data for Classifying Hanwoo (Korean Native Cattle) by Gender. <i>Current Science</i> , <b>2018</b> , 114, 1075	2.2	3
10	Anti-Inflammatory Effects of Antarctic Lichen Methanol Extract in Lipopolysaccharide-Stimulated RAW 264.7 Macrophage Cells and Zebrafish Model. <i>BioMed Research International</i> , <b>2021</b> , 2021, 8812090 <sup>3</sup>		3
9	Adaptation responses of individuals to environmental changes in the ciliate <i>Euplotes crassus</i> . <i>Ocean Science Journal</i> , <b>2017</b> , 52, 127-138	1.1	2
8	Bio-effect-monitoring of long-term thermal wastes on the oyster, <i>Crassostrea gigas</i> , using heat shock proteins. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 119, 359-364	6.7	2
7	Loci associated with variation in gene expression and growth in juvenile salmon are influenced by the presence of a growth hormone transgene. <i>BMC Genomics</i> , <b>2020</b> , 21, 185	4.5	2
6	Complete mitochondrial genome of the anadromous river pufferfish, Takifugu obscurus (Tetraodontiformes: Tetraodontidae). <i>Mitochondrial DNA</i> , <b>2014</b> , 25, 46-7		2
5	Growth hormone transgenesis disrupts immune function in muscle of coho salmon ( <i>Oncorhynchus kisutch</i> ) impacting cross-talk with growth systems		2
4	Food Effect on the Diel Variations and Starvation of the Melania Snail <i>Semisulcospira gottschei</i> Using RNA/DNA Ratios. <i>Fisheries and Aquatic Sciences</i> , <b>2011</b> , 14, 411-416	2.9	2
3	Physiological and molecular responses of the Antarctic harpacticoid copepod <i>Tigriopus kingsejongensis</i> to salinity fluctuations - A multigenerational study. <i>Environmental Research</i> , <b>2021</b> , 204, 112075	7.9	2
2	Skin transcriptome profiling reveals the distinctive molecular effects of temperature changes on Antarctic bullhead notothen. <i>Molecular and Cellular Toxicology</i> , <b>2019</b> , 15, 163-172	1.6	1

- 1 Toxic Effects of Heavy Metals and Organic Polycyclic Aromatic Hydrocarbons in Sediment Porewater on the Amphipod *Hyaella azteca* and Zebrafish *Brachydanio rerio* Embryos from Different Rivers in Taiwan. *Applied Sciences (Switzerland)*, **2021**, 11, 8021 2.6 ○