

# Hansol Kim

## List of Publications by Year in descending order

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14  
papers

159  
citations

1040056

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1199594

12  
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14  
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14  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Temperature influences the content and biosynthesis gene expression of saxitoxins (STXs) in the toxic dinoflagellate <i>Alexandrium pacificum</i> . <i>Science of the Total Environment</i> , 2022, 802, 149801.	8.0	18
2	Unveiling the genomic structures and evolutionary events of the saxitoxin biosynthetic gene <i>sxtA</i> in the marine toxic dinoflagellate <i>Alexandrium</i> . <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107417.	2.7	4
3	Molecular cloning and oxidative-stress responses of a novel Phi class <i>γ</i> -glutathione S-transferase ( <i>γ</i> -GSTF) gene in the freshwater algae <i>Closterium ehrenbergii</i> . <i>Environmental Toxicology</i> , 2022, 37, 789-801.	4.0	7
4	Transcriptomic identification and expression analysis of cold shock domain protein (CSP) genes in the marine dinoflagellate <i>Prorocentrum minimum</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 843-854.	2.8	10
5	Optimization of Lutein Recovery from <i>Tetraselmis suecica</i> by Response Surface Methodology. <i>Biomolecules</i> , 2021, 11, 182.	4.0	19
6	Changes in Free-Living and Particle-Associated Bacterial Communities Depending on the Growth Phases of Marine Green Algae, <i>Tetraselmis suecica</i> . <i>Journal of Marine Science and Engineering</i> , 2021, 9, 171.	2.6	3
7	Chloroacetanilides inhibit photosynthesis and disrupt the thylakoid membranes of the dinoflagellate <i>Prorocentrum minimum</i> as revealed with metazachlor treatment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111928.	6.0	10
8	Low Temperature and Cold Stress Significantly Increase Saxitoxins (STXs) and Expression of STX Biosynthesis Genes <i>sxtA4</i> and <i>sxtG</i> in the Dinoflagellate <i>Alexandrium catenella</i> . <i>Marine Drugs</i> , 2021, 19, 291.	4.6	21
9	Preliminary result of de novo transcriptome sequencing of the marine toxic dinoflagellate <i>Alexandrium catenella</i> incubated under several different stresses. <i>Marine Biology</i> , 2021, 168, 1.	1.5	9
10	Transcriptome survey, molecular identification, and expression analysis of stress-responsive genes in the toxic dinoflagellate <i>Alexandrium pacificum</i> under algicidal agents and metal stresses. <i>Journal of Applied Phycology</i> , 2021, 33, 3139-3151.	2.8	12
11	Salinity Affects Saxitoxins (STXs) Toxicity in the Dinoflagellate <i>Alexandrium pacificum</i> , with Low Transcription of SXT-Biosynthesis Genes <i>sxtA4</i> and <i>sxtG</i> . <i>Toxins</i> , 2021, 13, 733.	3.4	14
12	The herbicide alachlor severely affects photosystem function and photosynthetic gene expression in the marine dinoflagellate <i>Prorocentrum minimum</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 620-629.	1.5	10
13	Transcriptome survey and toxin measurements reveal evolutionary modification and loss of saxitoxin biosynthesis genes in the dinoflagellates <i>Amphidinium carterae</i> and <i>Prorocentrum micans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110474.	6.0	19
14	Molecular cloning and oxidative-stress responses of a novel manganese superoxide dismutase (MnSOD) gene in the dinoflagellate <i>Prorocentrum minimum</i> . <i>Molecular Biology Reports</i> , 2019, 46, 5955-5966.	2.3	3