

# Hyung Chul Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

352  
citations

1307594

7  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Environmental Improvement and the Policy Proposal according to Mariculture Sediment Purification and Maintenance Projects. <i>Journal of the Korean Society for Marine Environment &amp; Energy</i> , 2022, 25, 53-62.	0.2	1
2	Effect of <i>Bacillus subtilis</i> Zeolite Used for Sediment Remediation on Sulfide, Phosphate, and Nitrogen Control in a Microcosm. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4163.	2.6	8
3	Preliminary study on spatio-temporal variations of five giant and 17 large fish species around the Korean peninsula from 2011 to 2016. <i>Fisheries and Aquatic Sciences</i> , 2022, 25, 298-310.	0.8	2
4	Influence of intensive net cage farming on hydrodynamic and geochemical environmental conditions and the mass mortality of abalone in South Korea. <i>Marine Pollution Bulletin</i> , 2021, 169, 112555.	5.0	4
5	Phosphorus Dynamics Associated With Organic Carbon Mineralization by Reduction of Sulfate and Iron in Sediment Exposed to Fish Farming. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
6	Benthic Respiration and Nutrient Release Associated with Net Cage Fish and Longline Oyster Aquaculture in the Geoje-Tongyeong Coastal Waters in Korea. <i>Estuaries and Coasts</i> , 2020, 43, 589-601.	2.2	9
7	Photosynthetic characteristics of <i>Pyropia yezoensis</i> (Ueda) Hwang & Choi measured using Diving-PAM in the Jindo-Haenam region on the southwestern coast of the Korean Peninsula. <i>Journal of Applied Phycology</i> , 2020, 32, 2631-2640.	2.8	4
8	Temporal and Spatial Variations of the Biochemical Composition of Phytoplankton and Potential Food Material (FM) in Jaran Bay, South Korea. <i>Water (Switzerland)</i> , 2020, 12, 3093.	2.7	5
9	The Contribution of Small Phytoplankton Communities to the Total Dissolved Inorganic Nitrogen Assimilation Rates in the East/Japan Sea: An Experimental Evaluation. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 854.	2.6	5
10	Transparent Exopolymer Particle (TEPs) Dynamics and Contribution to Particulate Organic Carbon (POC) in Jaran Bay, Korea. <i>Water (Switzerland)</i> , 2020, 12, 1057.	2.7	7
11	Spatiotemporal Characteristics of Anthropogenic Pollutant Dispersion Near Shellfish Growing Area in Jaran Bay: A Tracer-based Water Age Approach. <i>Journal of the Korean Society for Marine Environment &amp; Energy</i> , 2020, 23, 29-36.	0.2	1
12	Juvenile fish assemblages in the Jinju Bay region, Korea. <i>Fisheries and Aquatic Sciences</i> , 2020, 23, .	0.8	2
13	Estimation of the Effect of Flushing Time on Oyster Aquaculture Potential in Jaran Bay. <i>Ocean Science Journal</i> , 2019, 54, 559-571.	1.3	6
14	Gross biochemical and isotopic analyses of nutrition-allocation strategies for somatic growth and reproduction in the bay scallop <i>Argopecten irradians</i> newly introduced into Korean waters. <i>Aquaculture</i> , 2019, 503, 156-166.	3.5	5
15	Decoupling of Macromolecular Compositions of Particulate Organic Matters between the Water Columns and the Sediment in Geoje-Hansan Bay, South Korea. <i>Ocean Science Journal</i> , 2018, 53, 735-743.	1.3	4
16	Ecological Characteristics of the New Recorded Seahorse ( <i>Hippocampus haema</i> ) in Geoje-Hansan Bay, Korea. <i>Journal of Coastal Research</i> , 2018, 85, 351-355.	0.3	1
17	Monthly Variations of Phytoplankton Community in Geoje-Hansan Bay of the Southern Part of Korea Based on HPLC Pigment Analysis. <i>Journal of Coastal Research</i> , 2018, 85, 356-360.	0.3	7
18	Monthly Variations in the Intracellular Nutrient Pools of Phytoplankton in Jaran Bay, Korea. <i>Journal of Coastal Research</i> , 2018, 85, 331-335.	0.3	4

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19	Mixed Aquaculture of <i>Anadara broughtonii</i> and <i>A. kagoshimensis</i> (Bivalvia: Arcidae) in Jinju Bay on the South Coast of the Korean Peninsula. <i>Journal of Coastal Research</i> , 2018, 85, 341-345.	0.3	1
20	Spatio-temporal Changes of Sediment Environment in the Taehwa River Estuary, Ulsan of Korea.. <i>Journal of Coastal Research</i> , 2018, 85, 41-45.	0.3	3
21	Monthly variation in the proximate composition of jack mackerel ( <i>Trachurus japonicus</i> ) from Geumo Island, Korea. <i>Fisheries Research</i> , 2016, 183, 371-378.	1.7	5
22	Trophic structure in a pilot system for the integrated multi-trophic aquaculture off the east coast of Korean peninsula as determined by stable isotopes. <i>Marine Pollution Bulletin</i> , 2015, 95, 207-214.	5.0	16
23	The role of the adductor muscle as an energy storage organ in the pen shell <i>Atrina japonica</i> (Reeve, 1858). <i>Journal of Molluscan Studies</i> , 2015, 81, 502-511.	1.2	19
24	Restricted separation of the spawning areas of the two lineages of sand lance, <i>Ammodytes personatus</i> , in the Yellow and East Seas and taxonomic implications. <i>Biochemical Systematics and Ecology</i> , 2015, 61, 319-328.	1.3	7
25	New Record of <i>Nomeus gronovii</i> (Pisces: Nomeidae) from Korea. <i>Fisheries and Aquatic Sciences</i> , 2015, 18, 317-320.	0.8	0
26	Algal photosynthetic responses to toxic metals and herbicides assessed by chlorophyll a fluorescence. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 51-71.	6.0	201
27	Temporal variation of chlorophyll a concentration in the coastal waters affected by the Hebei Spirit oil spill in the West Sea of Korea. <i>Marine Pollution Bulletin</i> , 2009, 58, 496-502.	5.0	23