

# Hee Chang Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10055825/publications.pdf>

Version: 2024-02-01

25  
papers

405  
citations

759233

12  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixotrophic ability of the phototrophic dinoflagellates <i>Alexandrium andersonii</i> , <i>A. affine</i> , and <i>A. fraterculus</i> . <i>Harmful Algae</i> , 2016, 59, 67-81.	4.8	53
2	Ichthyotoxic <i>Cochlodinium polykrikoides</i> red tides offshore in the South Sea, Korea in 2014: I. Temporal variations in three-dimensional distributions of red-tide organisms and environmental factors. <i>Algae</i> , 2017, 32, 101-130.	2.3	52
3	Feeding diverse prey as an excellent strategy of mixotrophic dinoflagellates for global dominance. <i>Science Advances</i> , 2021, 7, .	10.3	47
4	Differential feeding by common heterotrophic protists on 12 different <i>Alexandrium</i> species. <i>Harmful Algae</i> , 2018, 78, 106-117.	4.8	21
5	Growth rates and nitrate uptake of co-occurring red-tide dinoflagellates <i>Alexandrium affine</i> and <i>A. fraterculus</i> as a function of nitrate concentration under light-dark and continuous light conditions. <i>Algae</i> , 2019, 34, 237-251.	2.3	19
6	Effects of light intensity and temperature on growth and ingestion rates of the mixotrophic dinoflagellate <i>Alexandrium pohangense</i> . <i>Marine Biology</i> , 2019, 166, 1.	1.5	18
7	Effects of light and temperature on the growth of <i>Takayama helix</i> (Dinophyceae): mixotrophy as a survival strategy against photoinhibition. <i>Journal of Phycology</i> , 2019, 55, 1181-1195.	2.3	17
8	Spatial and seasonal distributions of the phototrophic dinoflagellate <i>Biecheleriopsis adriatica</i> (Suessiaceae) in Korea: quantification using qPCR. <i>Algae</i> , 2019, 34, 111-126.	2.3	17
9	Interactions between common heterotrophic protists and the dinoflagellate <i>Tripos furca</i> : implication on the long duration of its red tides in the South Sea of Korea in 2020. <i>Algae</i> , 2021, 36, 25-36.	2.3	16
10	Feeding by common heterotrophic protist predators on seven <i>Prorocentrum</i> species. <i>Algae</i> , 2020, 35, 61-78.	2.3	16
11	Feeding by common heterotrophic protists on the phototrophic dinoflagellate <i>Biecheleriopsis adriatica</i> (Suessiaceae) compared to that of other suessioid dinoflagellates. <i>Algae</i> , 2019, 34, 127-140.	2.3	15
12	Ecophysiology of the kleptoplastidic dinoflagellate <i>Shimiella gracilentia</i> : I. spatiotemporal distribution in Korean coastal waters and growth and ingestion rates. <i>Algae</i> , 2021, 36, 263-283.	2.3	13
13	Differential feeding by common heterotrophic protists on four <i>Scrippsiella</i> species of similar size. <i>Journal of Phycology</i> , 2019, 55, 868-881.	2.3	12
14	First report of the photosynthetic dinoflagellate <i>Heterocapsa minima</i> in the Pacific Ocean: morphological and genetic characterizations and the nationwide distribution in Korea. <i>Algae</i> , 2019, 34, 7-21.	2.3	11
15	Spatial-temporal distributions of the newly described mixotrophic dinoflagellate <i>Gymnodinium smaydae</i> in Korean coastal waters. <i>Algae</i> , 2020, 35, 225-236.	2.3	11
16	Effects of temperature on the growth and ingestion rates of the newly described mixotrophic dinoflagellate <i>Yihiella yeosuensis</i> and its two optimal prey species. <i>Algae</i> , 2020, 35, 263-275.	2.3	11
17	Effects of irradiance and temperature on the growth and feeding of the obligate mixotrophic dinoflagellate <i>Gymnodinium smaydae</i> . <i>Marine Biology</i> , 2020, 167, 1.	1.5	10
18	Comparison of the spatial-temporal distributions of the heterotrophic dinoflagellates <i>Gyrodinium dominans</i> , <i>G. jinhaense</i> , and <i>G. moestrupii</i> in Korean coastal waters. <i>Algae</i> , 2021, 36, 37-50.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Feeding by the newly described heterotrophic dinoflagellate <i>Gyrodinium jinhaense</i> : comparison with <i>G. dominans</i> and <i>G. moestrupii</i> . <i>Marine Biology</i> , 2020, 167, 1.	1.5	8
20	Phytoplankton Bloom Dynamics in Incubated Natural Seawater: Predicting Bloom Magnitude and Timing. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	8
21	Comparative Transcriptome Analysis of the Phototrophic Dinoflagellate <i>Biecheleriopsis adriatica</i> Grown Under Optimal Temperature and Cold and Heat Stress. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
22	Interactions Between the Kleptoplastidic Dinoflagellate <i>Shimiella gracilentia</i> and Several Common Heterotrophic Protists. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
23	Ecophysiology of the kleptoplastidic dinoflagellate <i>Shimiella gracilentia</i> : II. Effects of temperature and global warming. <i>Algae</i> , 2022, 37, 49-62.	2.3	5
24	Bioluminescence capability and intensity in the dinoflagellate <i>Alexandrium</i> species. <i>Algae</i> , 2021, 36, 299-314.	2.3	2
25	Development of an automatic system for cultivating the bioluminescent heterotrophic dinoflagellate <i>Noctiluca scintillans</i> on a 100-liter scale. <i>Algae</i> , 2022, 37, 149-161.	2.3	1