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	Ecophysiology of the kleptoplastidic dinoflagellate Shimiella gracilenta: II. Effects of temperature and global warming. Algae, 2022, 37, 49-62.	2.3	5
2	Development of an automatic system for cultivating the bioluminescent heterotrophic dinoflagellate <italic>Noctiluca scintillans</italic> on a 100-liter scale. Algae, 2022, 37, 149-161.	2.3	1
3	Interactions between common heterotrophic protists and the dinoflagellate Tripos furca: implication on the long duration of its red tides in the South Sea of Korea in 2020. Algae, 2021, 36, 25-36.	2.3	16
4	Comparison of the spatial-temporal distributions of the heterotrophic dinoflagellates Gyrodinium dominans, G. jinhaense, and G. moestrupii in Korean coastal waters. Algae, 2021, 36, 37-50.	2.3	10
5	Phytoplankton Bloom Dynamics in Incubated Natural Seawater: Predicting Bloom Magnitude and Timing. Frontiers in Marine Science, 2021, 8, .	2.5	8
6	Feeding diverse prey as an excellent strategy of mixotrophic dinoflagellates for global dominance. Science Advances, 2021, 7, .	10.3	47
7	Interactions Between the Kleptoplastidic Dinoflagellate Shimiella gracilenta and Several Common Heterotrophic Protists. Frontiers in Marine Science, 2021, 8, .	2.5	5
8	Comparative Transcriptome Analysis of the Phototrophic Dinoflagellate Biecheleriopsis adriatica Grown Under Optimal Temperature and Cold and Heat Stress. Frontiers in Marine Science, 2021, 8, .	2.5	7
9	Bioluminescence capability and intensity in the dinoflagellate Alexandrium species. Algae, 2021, 36, 299-314.	2.3	2
10	Ecophysiology of the kleptoplastidic dinoflagellate Shimiella gracilenta: I. spatiotemporal distribution in Korean coastal waters and growth and ingestion rates. Algae, 2021, 36, 263-283.	2.3	13
11	Feeding by the newly described heterotrophic dinoflagellate Gyrodinium jinhaense: comparison with G. dominans and G. moestrupii. Marine Biology, 2020, 167, 1.	1.5	8
12	Effects of irradiance and temperature on the growth and feeding of the obligate mixotrophic dinoflagellate Gymnodinium smaydae. Marine Biology, 2020, 167, 1.	1.5	10
13	Feeding by common heterotrophic protist predators on seven <italic>Prorocentrum</italic> species. Algae, 2020, 35, 61-78.	2.3	16
14	Spatial-temporal distributions of the newly described mixotrophic dinoflagellate Gymnodinium smaydae in Korean coastal waters. Algae, 2020, 35, 225-236.	2.3	11
15	Effects of temperature on the growth and ingestion rates of the newly described mixotrophic dinoflagellate Yihiella yeosuensis and its two optimal prey species. Algae, 2020, 35, 263-275.	2.3	11
16	Effects of light and temperature on the growth of Takayama helix (Dinophyceae): mixotrophy as a survival strategy against photoinhibition. Journal of Phycology, 2019, 55, 1181-1195.	2.3	17
17	Effects of light intensity and temperature on growth and ingestion rates of the mixotrophic dinoflagellate Alexandrium pohangense. Marine Biology, 2019, 166, 1.	1.5	18
18	Differential feeding by common heterotrophic protists on four Scrippsiella species of similar size. Journal of Phycology, 2019, 55, 868-881.	2.3	12

#	Article	IF	Citations
19	First report of the photosynthetic dinoflagellate Heterocapsa minima in the Pacific Ocean: morphological and genetic characterizations and the nationwide distribution in Korea. Algae, 2019, 34, 7-21.	2.3	11
20	Spatial and seasonal distributions of the phototrophic dinoflagellate Biecheleriopsis adriatica (Suessiaceae) in Korea: quantification using qPCR. Algae, 2019, 34, 111-126.	2.3	17
21	Feeding by common heterotrophic protists on the phototrophic dinoflagellate Biecheleriopsis adriatica (Suessiaceae) compared to that of other suessioid dinoflagellates. Algae, 2019, 34, 127-140.	2.3	15
22	Growth rates and nitrate uptake of co-occurring red-tide dinoflagellates <italic>Alexandrium affine</italic> and <italic>A. fraterculus</italic> as a function of nitrate concentration under light-dark and continuous light conditions. Algae, 2019, 34, 237-251.	2.3	19
23	Differential feeding by common heterotrophic protists on 12 different Alexandrium species. Harmful Algae, 2018, 78, 106-117.	4.8	21
24	Ichthyotoxic Cochlodinium polykrikoides red tides offshore in the South Sea, Korea in 2014: I. Temporal variations in three-dimensional distributions of red-tide organisms and environmental factors. Algae, 2017, 32, 101-130.	2.3	52
25	Mixotrophic ability of the phototrophic dinoflagellates Alexandrium andersonii, A. affine, and A. fraterculus. Harmful Algae, 2016, 59, 67-81.	4.8	53