

Yunyan Deng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Transcriptome Sequencing and Comparative Analysis of <i>Saccharina japonica</i> (Laminariales, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.1	93
2	The toxic dinoflagellate <i>Cochlodinium polykrikoides</i> (Dinophyceae) produces resting cysts. <i>Harmful Algae</i> , 2012, 20, 71-80.	2.2	81
3	Sexual resting cyst production by the dinoflagellate <i>Akashiwo sanguinea</i> : a potential mechanism contributing to the ubiquitous distribution of a harmful alga. <i>Journal of Phycology</i> , 2015, 51, 298-309.	1.0	46
4	Lethal effects of Northwest Atlantic Ocean isolates of the dinoflagellate, <i>Scrippsiella trochoidea</i> , on Eastern oyster (<i>Crassostrea virginica</i>) and Northern quahog (<i>Mercenaria mercenaria</i>) larvae. <i>Marine Biology</i> , 2012, 159, 199-210.	0.7	44
5	Emerging harmful algal bloom species over the last four decades in China. <i>Harmful Algae</i> , 2022, 111, 102059.	2.2	41
6	The ability of the red macroalga, <i>Porphyra purpurea</i> (Rhodophyceae) to inhibit the proliferation of seven common harmful microalgae. <i>Journal of Applied Phycology</i> , 2015, 27, 531-544.	1.5	40
7	Transcriptomic Analyses of <i>Scrippsiella trochoidea</i> Reveals Processes Regulating Encystment and Dormancy in the Life Cycle of a Dinoflagellate, with a Particular Attention to the Role of Abscisic Acid. <i>Frontiers in Microbiology</i> , 2017, 8, 2450.	1.5	35
8	Cultivation of seaweed <i>Gracilaria lemaneiformis</i> enhanced biodiversity in a eukaryotic plankton community as revealed via metagenomic analyses. <i>Molecular Ecology</i> , 2018, 27, 1081-1093.	2.0	35
9	Metagenomic Sequencing Identifies Highly Diverse Assemblages of Dinoflagellate Cysts in Sediments from Ships' Ballast Tanks. <i>Microorganisms</i> , 2019, 7, 250.	1.6	33
10	Evidence for Production of Sexual Resting Cysts by the Toxic Dinoflagellate <i>Karenia mikimotoi</i> in Clonal Cultures and Marine Sediments. <i>Journal of Phycology</i> , 2020, 56, 121-134.	1.0	33
11	Harmful algal blooms significantly reduce the resource use efficiency in a coastal plankton community. <i>Science of the Total Environment</i> , 2020, 704, 135381.	3.9	31
12	The possibility analysis of habitats, origin and reappearance of bloom green alga (Enteromorpha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 421-424.	0.7	30
13	3,000 km and 1,500-year presence of <i>Aureococcus anophagefferens</i> reveals indigenous origin of brown tides in China. <i>Molecular Ecology</i> , 2019, 28, 4065-4076.	2.0	26
14	Effect of temperature and irradiance on the growth and reproduction of the green macroalga, <i>Chaetomorpha valida</i> (Cladophoraceae, Chlorophyta). <i>Journal of Applied Phycology</i> , 2012, 24, 927-933.	1.5	23
15	Exploration of resting cysts (stages) and their relevance for possibly HABs-causing species in China. <i>Harmful Algae</i> , 2021, 107, 102050.	2.2	23
16	Evidence for resting cyst production in the cosmopolitan toxic dinoflagellate <i>Karlodinium veneticum</i> and the cyst distribution in the China seas. <i>Harmful Algae</i> , 2020, 93, 101788.	2.2	22
17	Isolation, Expression, and Characterization of Blue Light Receptor AUREOCHROME Gene From <i>Saccharina japonica</i> (Laminariales, Phaeophyceae). <i>Marine Biotechnology</i> , 2014, 16, 135-143.	1.1	19
18	A comparative study on the allelopathy and toxicity of four strains of <i>Karlodinium veneticum</i> with different culturing histories. <i>Journal of Plankton Research</i> , 2019, 41, 17-29.	0.8	19

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19	Differential expressions of an Hsp70 gene in the dinoflagellate <i>Akashiwo sanguinea</i> in response to temperature stress and transition of life cycle and its implications. <i>Harmful Algae</i> , 2015, 50, 57-64.	2.2	18
20	The morphological and phylogenetic characterization for the dinoflagellate <i>Margalefidinium fulvescens</i> (= <i>Cochlodinium fulvescens</i>) isolated from the Jiaozhou Bay, China. <i>Acta Oceanologica Sinica</i> , 2018, 37, 11-17.	0.4	14
21	Molecular cloning and expression analysis of RbcL cDNA from the bloom-forming green alga <i>Chaetomorpha valida</i> (Cladophorales, Chlorophyta). <i>Journal of Applied Phycology</i> , 2014, 26, 1853-1861.	1.5	13
22	Blooms of <i>Prorocentrum donghaiense</i> reduced the species diversity of dinoflagellate community. <i>Acta Oceanologica Sinica</i> , 2020, 39, 110-119.	0.4	13
23	A strain of the toxic dinoflagellate <i>Karlodinium veneticum</i> isolated from the East China Sea is an omnivorous phagotroph. <i>Harmful Algae</i> , 2020, 93, 101775.	2.2	13
24	Morpho-molecular description of a new HAB species, <i>Pseudocochlodinium profundisulcus</i> gen. et sp. nov., and its LSU rRNA gene based genetic diversity and geographical distribution. <i>Harmful Algae</i> , 2021, 108, 102098.	2.2	13
25	Molecular cloning of heat shock protein 60 (Hsp60) and 10 (Hsp10) genes from the cosmopolitan and harmful dinoflagellate <i>Scrippsiella trochoidea</i> and their differential transcriptions responding to temperature stress and alteration of life cycle. <i>Marine Biology</i> , 2019, 166, 1.	0.7	12
26	Potent allelopathy and non-PSTs, non-spirolides toxicity of the dinoflagellate <i>Alexandrium leei</i> to phytoplankton, finfish and zooplankton observed from laboratory bioassays. <i>Science of the Total Environment</i> , 2021, 780, 146484.	3.9	12
27	Dependence of genome size and copy number of rRNA gene on cell volume in dinoflagellates. <i>Harmful Algae</i> , 2021, 109, 102108.	2.2	12
28	An assessment on the intrapopulational and intraindividual genetic diversity in LSU rDNA in the harmful algal blooms-forming dinoflagellate <i>Margalefidinium</i> (= <i>Cochlodinium</i>) <i>fulvescens</i> based on clonal cultures and bloom samples from Jiaozhou Bay, China. <i>Harmful Algae</i> , 2020, 96, 101821.	2.2	11
29	Molecular cloning and characterization of an Hsp70 gene from the bloom green alga <i>Chaetomorpha valida</i> (Cladophorales, Chlorophyta). <i>Journal of Applied Phycology</i> , 2015, 27, 489-497.	1.5	10
30	Transcriptional Responses of the Heat Shock Protein 20 (Hsp20) and 40 (Hsp40) Genes to Temperature Stress and Alteration of Life Cycle Stages in the Harmful Alga <i>Scrippsiella trochoidea</i> (Dinophyceae). <i>Biology</i> , 2020, 9, 408.	1.3	10
31	Life history of <i>Chaetomorpha valida</i> (Cladophoraceae, Chlorophyta) in culture. <i>Botanica Marina</i> , 2011, 54, 551-556.	0.6	9
32	Validation of reference genes for gene expression studies in the dinoflagellate <i>Akashiwo sanguinea</i> by quantitative real-time RT-PCR. <i>Acta Oceanologica Sinica</i> , 2016, 35, 106-113.	0.4	9
33	Cloning and Partial Characterization of a Cold Shock Domain-Containing Protein Gene from the Dinoflagellate <i>Scrippsiella trochoidea</i> . <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 393-403.	0.8	9
34	Measuring viability of dinoflagellate cysts and diatoms with stains to test the efficiency of facsimile treatments possibly applicable to ships' ballast water and sediment. <i>Harmful Algae</i> , 2022, 114, 102220.	2.2	9
35	A new record from China of epiphytic marine algae, <i>Acrochaete leptochaete</i> (Chaetophoraceae, Tj ETQq1 1 0.784314 rgBT /Overlock 10 2011, 29, 350-355.	0.7	8
36	Population genetics of wild <i>Hizikia fusiformis</i> (Sargassaceae, Phaeophyta) along China's coast. <i>Journal of Applied Phycology</i> , 2012, 24, 1287-1294.	1.5	8

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37	Characterization of the unarmored dinoflagellate <i>Pseliodinium pirum</i> (Cerato-peridiniaceae) from Jiaozhou Bay, China. <i>Phycological Research</i> , 2020, 68, 3-13.	0.8	7
38	Asian monsoon and oceanic circulation paced sedimentary evolution over the past 1,500 years in the central mud area of the Bohai Sea, China. <i>Geological Journal</i> , 2020, 55, 5606-5618.	0.6	7
39	Plasticity and Multiplicity of Trophic Modes in the Dinoflagellate <i>Karlodinium</i> and Their Pertinence to Population Maintenance and Bloom Dynamics. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 51.	1.2	7
40	Abundant Species Diversity and Essential Functions of Bacterial Communities Associated with Dinoflagellates as Revealed from Metabarcoding Sequencing for Laboratory-Raised Clonal Cultures. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4446.	1.2	7
41	Molecular identification and culture observation on <i>Acrochaete leptochaete</i> (Chaetophoraceae, Tj ETQq1 1 0.784314 rgBT /Overlock 0.7	0.7	6
42	Contact micropredation may play a more important role than exotoxicity does in the lethal effects of <i>Karlodinium australe</i> blooms: Evidence from laboratory bioassays. <i>Harmful Algae</i> , 2020, 99, 101926.	2.2	6
43	Culture observation and molecular phylogenetic analysis on the blooming green alga <i>Chaetomorpha valida</i> (Cladophorales, Chlorophyta) from China. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 552-559.	0.7	5
44	Laboratory Culture-Based Characterization of the Resting Stage Cells of the Brown-Tide-Causing Pelagophyte, <i>Aureococcus anophagefferens</i> . <i>Journal of Marine Science and Engineering</i> , 2020, 8, 1027.	1.2	5
45	Geographic distribution and historical presence of the resting cysts of <i>Karenia mikimotoi</i> in the seas of China. <i>Harmful Algae</i> , 2021, 109, 102121.	2.2	5
46	Cloning and comparative studies of proliferating cell nuclear antigen (PCNA) genes for nine dinoflagellates. <i>Journal of Applied Phycology</i> , 2019, 31, 2969-2979.	1.5	4
47	Morphology, ultrastructure, and molecular phylogeny of the unarmoured dinoflagellate <i>Kirithra sigma</i> sp. nov. (Cerato-peridiniaceae, Dinophyceae). <i>Phycologia</i> , 2020, 59, 385-396.	0.6	4
48	Probing the Energetic Metabolism of Resting Cysts under Different Conditions from Molecular and Physiological Perspectives in the Harmful Algal Blooms-Forming Dinoflagellate <i>Scrippsiella trochoidea</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7325.	1.8	3
49	Novel Non-paralytic Shellfish Toxin and Non-spirolide Toxicity to Finfish, Brine Shrimp, and Rotifer Observed in a Culture of the Dinoflagellate <i>Alexandrium insuetum</i> Isolated From the Coastal Water of China. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
50	<i>Pseudocochlodinium profundisulcus</i> Resting Cysts Detected in the Ballast Tank Sediment of Ships Arriving in the Ports of China and North America and the Implications in the Species' Geographic Distribution and Possible Invasion. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 299.	1.2	3
51	The Notorious Harmful Algal Blooms-Forming Dinoflagellate <i>Prorocentrum donghaiense</i> Produces Sexual Resting Cysts, Which Widely Distribute Along the Coastal Marine Sediment of China. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
52	Interactions between the seaweed <i>Gracilaria</i> and dinoflagellate <i>Akashiwo sanguinea</i> in an indoor co-cultivation system and the interference of bacteria. <i>Journal of Applied Phycology</i> , 2021, 33, 3153-3163.	1.5	1
53	The Implication Inferred from the Expression of Small Heat-Shock Protein Genes in Dinoflagellate Resting Cysts Buried in Marine Sediment. <i>Diversity</i> , 2021, 13, 471.	0.7	1
54	Expression Patterns of the Heat Shock Protein 90 (Hsp90) Gene Suggest Its Possible Involvement in Maintaining the Dormancy of Dinoflagellate Resting Cysts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11054.	1.8	1