Gang Li

List of Publications by Year in descending order

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79 papers	2,185 citations	236925 25 h-index	254184 43 g-index
83 all docs	83 docs citations	83 times ranked	2283 citing authors

#	Article	IF	Citations
1	Photosynthetic Characteristics of Smaller and Larger Cell Size-Fractioned Phytoplankton Assemblies in the Daya Bay, Northern South China Sea. Microorganisms, 2022, 10, 16.	3.6	4
2	The in-situ release of algal bloom populations and the role of prokaryotic communities in their establishment and growth. Water Research, 2022, 219, 118565.	11.3	13
3	Oxygen availability driven trends in DOM molecular composition and reactivity in a seasonally stratified fjord. Water Research, 2022, 220, 118690.	11.3	21
4	Photosynthetic Characteristics of Macroalgae Ulva fasciata and Sargassum thunbergii in the Daya Bay of the South China Sea, with Special Reference to the Effects of Light Quality. Sustainability, 2022, 14, 8063.	3.2	2
5	Nitrogen and phosphorus enrichments alter the dynamics of the plankton community in Daya Bay, northern South China Sea: results of mesocosm studies. Marine and Freshwater Research, 2021, , .	1.3	3
6	Rising nutrient nitrogen reverses the impact of temperature on photosynthesis and respiration of a macroalga Caulerpa lentillifera (Ulvophyceae, Caulerpaceae). Journal of Applied Phycology, 2021, 33, 1115-1123.	2.8	5
7	The relationship between two Synechococcus strains and heterotrophic bacterial communities and its associated carbon flow. Journal of Applied Phycology, 2021, 33, 953-966.	2.8	14
8	Differential Physiological Responses of Small Thalassiosira pseudonana and Large Thalassiosira punctigera to the Shifted-High Light and Nitrogen. Journal of Marine Science and Engineering, 2021, 9, 450.	2.6	3
9	Rising pCO2 interacts with algal density to reversely alter physiological responses of Gracilaria lemaneiformis and Ulva conglobata. Algal Research, 2021, 54, 102231.	4.6	2
10	Acutely Rising Temperature Reduces Photosynthetic Capacity of Phytoplankton Assemblages in Tropical Oceans: A Large-Scale Investigation. Frontiers in Marine Science, 2021, 8, .	2.5	2
11	Inhibitory effects of Prorocentrum donghaiense allelochemicals on Sargassum fusiformis zygotes probed by JIP-test based on fast chlorophyll fluorescence kinetics. Marine Environmental Research, 2021, 170, 105453.	2.5	4
12	Measurements of Photoinactivation and Repair of Photosystem II. , 2021, , 207-217.		1
13	Photosynthetic Carbon Fixation. , 2021, , 139-147.		0
14	Photosynthetic Characteristics of Three Cohabitated Macroalgae in the Daya Bay, and Their Responses to Temperature Rises. Plants, 2021, 10, 2441.	3.5	7
15	Photobleaching and Recovery of Symbiodiniaceae Effrenium voratum SCS01 Reveals Life Form Transformation Under Thermal Stress. Frontiers in Marine Science, 2021, 8, .	2.5	0
16	Response of a Coastal Microbial Community to Olivine Addition in the Muping Marine Ranch, Yantai. Frontiers in Microbiology, 2021, 12, 805361.	3.5	3
17	Lowering pO2 Interacts with Photoperiod to Alter Physiological Performance of the Coastal Diatom Thalassiosira pseudonana. Microorganisms, 2021, 9, 2541.	3.6	6
18	Phosphorus deficiency induced by aluminum in a marine nitrogen-fixing cyanobacterium Crocosphaera watsonii WH0003. Chemosphere, 2020, 246, 125641.	8.2	7

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19	Photoperiod mediates the differential physiological responses of smaller Thalassiosira pseudonana and larger Thalassiosira punctigera to temperature changes. Journal of Applied Phycology, 2020, 32, 2863-2874.	2.8	5
20	Algal density alleviates the elevated CO₂â€caused reduction on growth ofPorphyra haitanensis(Bangiales, Rhodophyta), a species farmed in China. Aquaculture Research, 2020, 51, 3879-3887.	1.8	3
21	Algal density mediates the photosynthetic responses of a marine macroalga Ulva conglobata (Chlorophyta) to temperature and pH changes. Algal Research, 2020, 46, 101797.	4.6	10
22	Diel Rhythm in Photosynthetic Performance of Phytoplankton Assemblages Is Predicted to Be Light-Dependent from in situ and Mesocosm Chlorophyll Fluorescence. Journal of Coastal Research, 2020, 104, .	0.3	8
23	Synechococcus bloom in the Pearl River Estuary and adjacent coastal areaâ€"With special focus on flooding during wet seasons. Science of the Total Environment, 2019, 692, 769-783.	8.0	29
24	The key to dinoflagellate (Noctiluca scintillans) blooming and outcompeting diatoms in winter off Pakistan, northern Arabian Sea. Science of the Total Environment, 2019, 694, 133396.	8.0	27
25	Fast acclimation of phytoplankton assemblies to acute salinity stress in the Jiulong River Estuary. Acta Oceanologica Sinica, 2019, 38, 78-85.	1.0	7
26	Is phosphorus a limiting factor to regulate the growth of phytoplankton in Daya Bay, northern South China Sea: a mesocosm experiment. Ecotoxicology, 2019, 28, 559-568.	2.4	8
27	Distribution of harmful dinoflagellate cysts in the surface sediments of Daya Bay of the South China Sea and their relationship to environmental factors. International Biodeterioration and Biodegradation, 2019, 139, 44-53.	3.9	9
28	Ulva prolifera green-tide outbreaks and their environmental impact in the Yellow Sea, China. National Science Review, 2019, 6, 825-838.	9.5	142
29	Transcriptomic responses of the marine cyanobacterium Prochlorococcus to viral lysis products. Environmental Microbiology, 2019, 21, 2015-2028.	3.8	14
30	High antioxidant capability interacts with respiration to mediate two Alexandrium species growth exploitation of photoperiods and light intensities. Harmful Algae, 2019, 82, 26-34.	4.8	14
31	Bacterioplankton Metacommunity Processes across Thermal Gradients: Weaker Species Sorting but Stronger Niche Segregation in Summer than in Winter in a Subtropical Bay. Applied and Environmental Microbiology, 2019, 85, .	3.1	24
32	Beneficial effects of aluminum enrichment on nitrogen-fixing cyanobacteria in the South China Sea. Marine Pollution Bulletin, 2018, 129, 142-150.	5.0	16
33	Subsurface low dissolved oxygen occurred at fresh- and saline-water intersection of the Pearl River estuary during the summer period. Marine Pollution Bulletin, 2018, 126, 585-591.	5.0	26
34	High temperature stress might hamper the success of sexual reproduction in Hizikia fusiformis from Shantou, China: a photosynthetic perspective. Phycologia, 2018, 57, 394-400.	1.4	3
35	Differential physiological responses of the coastal cyanobacterium Synechococcus sp. PCC7002 to elevated pCO2 at lag, exponential, and stationary growth phases. Science China Earth Sciences, 2018, 61, 1397-1405.	5.2	8
36	Simultaneous photocatalytic Cr(VI) reduction and ciprofloxacin oxidation over TiO 2 /Fe 0 composite under aerobic conditions: Performance, durability, pathway and mechanism. Chemical Engineering Journal, 2017, 315, 167-176.	12.7	78

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37	Interactive effects of nitrogen and light on growth rates and RUBISCO content of small and large centric diatoms. Photosynthesis Research, 2017, 131, 93-103.	2.9	17
38	Effects of elevated CO2 and nitrogen supply on the growth and photosynthetic physiology of a marine cyanobacterium, Synechococcus sp. PCC7002. Journal of Applied Phycology, 2017, 29, 1755-1763.	2.8	17
39	Distribution of picoplankton in the northeastern South China Sea with special reference to the effects of the Kuroshio intrusion and the associated mesoscale eddies. Science of the Total Environment, 2017, 589, 1-10.	8.0	48
40	Quantitating active photosystem II reaction center content from fluorescence induction transients. Limnology and Oceanography: Methods, 2017, 15, 54-69.	2.0	26
41	Enhanced catalytic degradation of ciprofloxacin with FeS2/SiO2 microspheres as heterogeneous Fenton catalyst: Kinetics, reaction pathways and mechanism. Journal of Hazardous Materials, 2017, 327, 108-115.	12.4	122
42	Spatial and seasonal distributions of bacterioplankton in the Pearl River Estuary: The combined effects of riverine inputs, temperature, and phytoplankton. Marine Pollution Bulletin, 2017, 125, 199-207.	5.0	50
43	Carbon sequestration processes and mechanisms in coastal mariculture environments in China. Science China Earth Sciences, 2017, 60, 2097-2107.	5.2	58
44	Diatom growth responses to photoperiod and light are predictable from diel reductant generation. Journal of Phycology, 2017, 53, 95-107.	2.3	21
45	Arctic Micromonas uses protein pools and non-photochemical quenching to cope with temperature restrictions on Photosystem II protein turnover. Photosynthesis Research, 2017, 131, 203-220.	2.9	42
46	A Hard Day's Night: Diatoms Continue Recycling Photosystem II in the Dark. Frontiers in Marine Science, 2016, 3, .	2.5	28
47	The seahorse genome and the evolution of its specialized morphology. Nature, 2016, 540, 395-399.	27.8	186
48	Dimethylsulfide and dimethylsulfoniopropionate production along coastal waters of the northern South China Sea. Continental Shelf Research, 2016, 117, 118-125.	1.8	6
49	Effects of ultraviolet radiation on marine primary production with reference to satellite remote sensing. Frontiers of Earth Science, 2015, 9, 237-247.	2.1	7
50	Satellite remote sensing of ultraviolet irradiance on the ocean surface. Acta Oceanologica Sinica, 2015, 34, 101-112.	1.0	6
51	The nitrogen costs of photosynthesis in a diatom under current and future p<scp>CO</scp>₂. New Phytologist, 2015, 205, 533-543.	7.3	59
52	Does microzooplankton grazing contribute to the pico-phytoplankton dominance in subtropical and tropical oligotrophic waters?. Acta Ecologica Sinica, 2015, 35, 29-38.	1.9	19
53	The increasing aluminum content affects the growth, cellular chlorophyll a and oxidation stress of cyanobacteria Synechococcus sp. WH7803. Oceanological and Hydrobiological Studies, 2015, 44, 343-351.	0.7	14
54	Carbon sequestration capacity of shifting sand dune after establishing new vegetation in the Tengger Desert, northern China. Science of the Total Environment, 2014, 478, 1-11.	8.0	34

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55	Environmental gradients regulate the spatial variations of phytoplankton biomass and community structure in surface water of the Pearl River estuary. Acta Ecologica Sinica, 2014, 34, 129-133.	1.9	25
56	Cell Size Dependent Responses of Phytoplankton Assemblages to Nitrate and Phosphate Additions in Surface Waters of the Northern South China Sea. Open Journal of Marine Science, 2014, 04, 61-67.	0.5	3
57	Effects of solar UV radiation on photosynthetic performance of the diatom Skeletonema costatum grown under nitrate limited condition. Algae, 2014, 29, 27-34.	2.3	7
58	Variations in silicate concentration affecting photosynthetic carbon fixation by spring phytoplankton assemblages in surface water of the Strait of Malacca. Acta Oceanologica Sinica, 2013, 32, 77-81.	1.0	4
59	Photosystem II protein clearance and FtsH function in the diatom Thalassiosira pseudonana. Photosynthesis Research, 2013, 115, 43-54.	2.9	42
60	Latitudinal changes (6Â°S-20Â°N) of summer ciliate abundance and species compositions in surface waters from the Java Sea to the South China Sea. Acta Oceanologica Sinica, 2013, 32, 66-70.	1.0	6
61	Cell Size-Dependent Effects of Solar UV Radiation on Primary Production in Coastal Waters of the South China Sea. Estuaries and Coasts, 2013, 36, 728-736.	2.2	28
62	Rising CO2 Interacts with Growth Light and Growth Rate to Alter Photosystem II Photoinactivation of the Coastal Diatom Thalassiosira pseudonana. PLoS ONE, 2013, 8, e55562.	2.5	85
63	Photosynthetic carbon fixation by tropical coral reef phytoplankton assemblages: a UVR perspective. Algae, 2013, 28, 281-288.	2.3	9
64	The dynamics of reproductive rate, offspring survivorship and growth in the lined seahorse, Hippocampus erectus Perry, 1810. Biology Open, 2012, 1, 391-396.	1.2	29
65	Variation in UV irradiance related to stratospheric ozone levels affects photosynthetic carbon fixation of winter phytoplankton assemblages from surface coastal water of the South China Sea. Marine Biology Research, 2012, 8, 670-676.	0.7	10
66	Latitudinal variability (6Â°Sâ€“20Â°N) of early summer phytoplankton species compositions and size-fractioned productivity from Java Sea to South China Sea. Marine Biology Research, 2012, 8, 163-171.	0.7	22
67	Vertical Patterns of Early Summer Chlorophyll a Concentration in the Indian Ocean with Special Reference to the Variation of Deep Chlorophyll Maximum. Journal of Marine Biology, 2012, 2012, 1-6.	1.0	11
68	Effect of salinity on growth, biochemical composition, and lipid productivity of <scp>N</scp>annochloropsis oculata<scp>CS</scp> 179. Engineering in Life Sciences, 2012, 12, 631-637.	3.6	71
69	Longitudinal patterns of spring-intermonsoon phytoplankton biomass, species compositions and size structure in the Bay of Bengal. Acta Oceanologica Sinica, 2012, 31, 121-128.	1.0	11
70	Effect of Salinity Change on Biomass and Biochemical Composition of Nannochloropsis oculata. Journal of the World Aquaculture Society, 2012, 43, 97-106.	2.4	44
71	Effects of inorganic carbon concentration on carbon formation, nitrate utilization, biomass and oil accumulation of Nannochloropsis oculata CS 179. Bioresource Technology, 2012, 111, 353-359.	9.6	34
72	Spatio-temporal variability of phytoplankton assemblages in the Pearl River estuary, with special reference to the influence of turbidity and temperature. Continental Shelf Research, 2011, 31, 1672-1681.	1.8	47

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73	Differential Impacts of Solar UV Radiation on Photosynthetic Carbon Fixation from the Coastal to Offshore Surface Waters in the South China Sea. Photochemistry and Photobiology, 2011, 87, 329-334.	2.5	55
74	Relationship of photosynthetic carbon fixation with environmental changes in the Jiulong River estuary of the South China Sea, with special reference to the effects of solar UV radiation. Marine Pollution Bulletin, 2011, 62, 1852-1858.	5.0	31
75	Seasonal Impacts of Solar UV Radiation on Photosynthesis of Phytoplankton Assemblages in the Coastal Waters of the South China Sea. Photochemistry and Photobiology, 2010, 86, 586-592.	2.5	18
76	Effects of Typhoon Kaemi on coastal phytoplankton assemblages in the South China Sea, with special reference to the effects of solar UV radiation. Journal of Geophysical Research, 2009, 114, .	3.3	34
77	Solar UV Radiation Drives CO2 Fixation in Marine Phytoplankton: A Double-Edged Sword. Plant Physiology, 2007, 144, 54-59.	4.8	189
78	Variability of UVR Effects on Photosynthesis of Summer Phytoplankton Assemblages from a Tropical Coastal Area of the South China Seaâ€. Photochemistry and Photobiology, 2007, 83, 802-809.	2.5	49
79	Vertical mixing within the epilimnion modulates UVR-induced photoinhibition in tropical freshwater phytoplankton from southern China. Freshwater Biology, 2007, 52, 1260-1270.	2.4	30