

Bo Yang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

637
citations

623734

14
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Optode Sensors: Principle, Characterization, Calibration, and Application in the Ocean. <i>Frontiers in Marine Science</i> , 2018, 4, .	2.5	100
2	Contributions of organic alkalinity to total alkalinity in coastal waters: A spectrophotometric approach. <i>Marine Chemistry</i> , 2015, 176, 199-207.	2.3	74
3	The effect of the 2013â€“2016 high temperature anomaly in the subarctic Northeast Pacific (the â€œBlobâ€œ) on net community production. <i>Biogeosciences</i> , 2018, 15, 6747-6759.	3.3	43
4	Annual net community production in the subtropical Pacific Ocean from in situ oxygen measurements on profiling floats. <i>Global Biogeochemical Cycles</i> , 2017, 31, 728-744.	4.9	42
5	In Situ Spectrophotometric Measurement of Dissolved Inorganic Carbon in Seawater. <i>Environmental Science & Technology</i> , 2013, 47, 11106-11114.	10.0	40
6	Seawater pH measurements in the field: A DIY photometer with 0.01 unit pH accuracy. <i>Marine Chemistry</i> , 2014, 160, 75-81.	2.3	38
7	Remote estimation of surface pCO ₂ on the West Florida Shelf. <i>Continental Shelf Research</i> , 2016, 128, 10-25.	1.8	30
8	Determination of nanomolar chromate in drinking water with solid phase extraction and a portable spectrophotometer. <i>Journal of Hazardous Materials</i> , 2012, 219-220, 247-252.	12.4	29
9	On the role of seaâ€“state in bubbleâ€“mediated airâ€“sea gas flux during a winter storm. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2671-2685.	2.6	25
10	Spectrophotometric determination of pH and carbonate ion concentrations in seawater: Choices, constraints and consequences. <i>Analytica Chimica Acta</i> , 2019, 1081, 18-31.	5.4	23
11	Airâ€“Sea Gas Transfer: Determining Bubble Fluxes With In Situ N ₂ Observations. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2716-2727.	2.6	23
12	Phytoplankton Phenology in the North Atlantic: Insights From Profiling Float Measurements. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	19
13	Net community production in the South China Sea Basin estimated from in situ O ₂ measurements on an Argo profiling float. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 131, 54-61.	1.4	18
14	Estimating surface pCO ₂ in the northern Gulf of Mexico: Which remote sensing model to use?. <i>Continental Shelf Research</i> , 2017, 151, 94-110.	1.8	17
15	Characteristics of the surface water DMS and <i>p</i> CO ₂ distributions and their relationships in the Southern Ocean, southeast Indian Ocean, and northwest Pacific Ocean. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1318-1331.	4.9	16
16	Procedures for direct spectrophotometric determination of carbonate ion concentrations: Measurements in US Gulf of Mexico and East Coast waters. <i>Marine Chemistry</i> , 2015, 168, 80-85.	2.3	15
17	In Situ Estimates of Net Primary Production in the Western North Atlantic With Argo Profiling Floats. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006116.	3.0	15
18	The Subtropical Ocean's Biological Carbon Pump Determined From O ₂ and DIC/DI ¹³ C Tracers. <i>Geophysical Research Letters</i> , 2019, 46, 5361-5368.	4.0	14

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19	Subannual variability of total alkalinity distributions in the northeastern Gulf of Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3805-3816.	2.6	12
20	Suppression of CO ₂ Outgassing by Gas Bubbles Under a Hurricane. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090249.	4.0	10
21	Annual Mixed Layer Carbon Budget for the West Antarctic Peninsula Continental Shelf: Insights From Year-Round Mooring Measurements. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016920.	2.6	6
22	Abundant microzooplankton possibly cause ultrahigh seawater dimethylsulfide during Southern Ocean algal blooms. <i>Progress in Oceanography</i> , 2022, 202, 102744.	3.2	6
23	Spectrophotometric loop flow analyzer for high-precision measurement of seawater pH. <i>Talanta</i> , 2021, 224, 121775.	5.5	5
24	Seasonal Relationship Between Net Primary and Net Community Production in the Subtropical Gyres: Insights From Satellite and Argo Profiling Float Measurements. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093837.	4.0	4
25	Skin Temperature Correction for Calculations of Air-Sea Oxygen Flux and Annual Net Community Production. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4