# Rong Bi

List of Publications by Year
in descending order



| 16 | 275 | 933447 10 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 331 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Linking elements to biochemicals: effects of nutrient supply ratios and growth rates on fatty acid composition of phytoplankton species. Journal of Phycology, 2014, 50, 117-130. | 2.3 | 34 |
| 2 | Quantitative Assessment on Multiple Timescale Features and Dynamics of Sea Surface Suspended Sediment Concentration Using Remote Sensing Data. Journal of Geophysical Research: Oceans, 2017, 122, 8739-8752. | 2.6 | 34 |
| 3 | Spatiotemporal variations of phytoplankton in the East China Sea and the Yellow Sea revealed by lipid biomarkers. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 109-125. | 3.0 | 31 |
| 4 | STOICHIOMETRIC RESPONSES OF PHYTOPLANKTON SPECIES TO THE INTERACTIVE EFFECT OF NUTRIENT SUPPLY RATIOS AND GROWTH RATES<sup>1</sup>. Journal of Phycology, 2012, 48, 539-549. | 2.3 | 27 |
| 5 | Responses of Marine Diatom-Dinoflagellate Competition to Multiple Environmental Drivers: Abundance, Elemental, and Biochemical Aspects. Frontiers in Microbiology, 2021, 12, 731786. | 3.5 | 26 |
| 6 | <scp>E</scp>nvironmental dependence of the correlations between stoichiometric and fatty acidâ€based indicators of phytoplankton nutritional quality. Limnology and Oceanography, 2017, 62, 334-347. | 3.1 | 20 |
| 7 | Lipid biomarker production by marine phytoplankton under different nutrient and temperature regimes. Organic Geochemistry, 2019, 131, 34-49. | 1.8 | 20 |
| 8 | Water Mass Control on Phytoplankton Spatiotemporal Variations in the Northeastern East China Sea and the Western Tsushima Strait Revealed by Lipid Biomarkers. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1318-1332. | 3.0 | 17 |
| 9 | Simultaneous shifts in elemental stoichiometry and fatty acids of <i>Emiliania huxleyi</i> in response to environmental changes. Biogeosciences, 2018, 15, 1029-1045. | 3.3 | 15 |
| 10 | Food Quantity and Quality Interactions at Phytoplanktonâ€“Zooplankton Interface: Chemical and Reproductive Responses in a Calanoid Copepod. Frontiers in Marine Science, 2020, 7, . | 2.5 | 13 |
| 11 | Sediment concentration variations in the East China Seas over multiple timescales indicated by satellite observations. Journal of Marine Systems, 2020, 212, 103430. | 2.1 | 11 |
| 12 | Stoichiometric and sterol responses of dinoflagellates to changes in temperature, nutrient supply and growth phase. Algal Research, 2019, 42, 101609. | 4.6 | 9 |
| 13 | Ocean-related global change alters lipid biomarker production in common marine phytoplankton. Biogeosciences, 2020, 17, 6287-6307. | 3.3 | 8 |
| 14 | Phytoplankton Distributions in the Kuroshio-Oyashio Region of the Northwest Pacific Ocean: Implications for Marine Ecology and Carbon Cycle. Frontiers in Marine Science, 2022, 9, . | 2.5 | 6 |
| 15 | The Sources and Burial of Marine Organic Carbon in the Eastern China Marginal Seas. Frontiers in Marine Science, 2022, 9, . | 2.5 | 3 |
| 16 | Particle size distributions and organic-inorganic compositions of suspended particulate matters around the Bohai Strait. Journal of Ocean University of China, 2017, 16, 25-34. | 1.2 | 1 |