# Yuanyuan Feng

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4581419/publications.pdf

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| 36 | 2,961 | 361413 | 395702 |
|---|---|---|---|
| papers | citations | 20 h-index | 33 g-index |

| 44 | 44 | 44 | 3036 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | CO<sub>2</sub> control of Trichodesmium N<sub>2</sub> fixation, photosynthesis, growth rates, and elemental ratios: Implications for past, present, and future ocean biogeochemistry. Limnology and Oceanography, 2007, 52, 1293-1304. | 3.1 | 409 |
| 2 | EFFECTS OF INCREASED TEMPERATURE AND CO2ON PHOTOSYNTHESIS, GROWTH, AND ELEMENTAL RATIOS IN MARINESYNECHOCOCCUSANDPROCHLOROCOCCUS(CYANOBACTERIA). Journal of Phycology, 2007, 43, 485-496. | 2.3 | 370 |
| 3 | Global declines in oceanic nitrification rates as a consequence of ocean acidification. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 208-213. | 7.1 | 316 |
| 4 | Interactive effects of increased pCO<sub>2</sub>, temperature and irradiance on the marine coccolithophoreEmiliania huxleyi(Prymnesiophyceae). European Journal of Phycology, 2008, 43, 87-98. | 2.0 | 248 |
| 5 | Effects of increased pCO2 and temperature on the North Atlantic spring bloom. I. The phytoplankton community and biogeochemical response. Marine Ecology - Progress Series, 2009, 388, 13-25. | 1.9 | 227 |
| 6 | Interactive effects of iron, irradiance and CO2 on Ross Sea phytoplankton. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 368-383. | 1.4 | 160 |
| 7 | Effects of changing pCO<sub>2</sub> and phosphate availability on domoic acid production and physiology of the marine harmful bloom diatom Pseudoâ€nitzschia multiseries. Limnology and Oceanography, 2011, 56, 829-840. | 3.1 | 159 |
| 8 | Physiological responses of a Southern Ocean diatom to complex future ocean conditions. Nature Climate Change, 2016, 6, 207-213. | 18.8 | 153 |
| 9 | Seasonal variation in the phytoplankton community of a continental-shelf sea: the East China Sea. Marine Ecology - Progress Series, 2014, 516, 103-126. | 1.9 | 126 |
| 10 | A comparison of future increased CO2 and temperature effects on sympatric Heterosigma akashiwo and Prorocentrum minimum. Harmful Algae, 2008, 7, 76-90. | 4.8 | 116 |
| 11 | Effects of increased pCO2 and temperature on the North Atlantic spring bloom. II. Microzooplankton abundance and grazing. Marine Ecology - Progress Series, 2009, 388, 27-40. | 1.9 | 86 |
| 12 | Synergistic effects of iron and temperature on Antarctic phytoplankton and microzooplankton assemblages. Biogeosciences, 2009, 6, 3131-3147. | 3.3 | 76 |
| 13 | Effect of Ocean Acidification and pH Fluctuations on the Growth and Development of Coralline Algal Recruits, and an Associated Benthic Algal Assemblage. PLoS ONE, 2015, 10, e0140394. | 2.5 | 68 |
| 14 | Long-Term Conditioning to Elevated pCO2 and Warming Influences the Fatty and Amino Acid Composition of the Diatom Cylindrotheca fusiformis. PLoS ONE, 2015, 10, e0123945. | 2.5 | 57 |
| 15 | Distribution of calcifying and silicifying phytoplankton in relation to environmental and biogeochemical parameters during the late stages of the 2005 North East Atlantic Spring Bloom. Biogeosciences, 2009, 6, 2155-2179. | 3.3 | 50 |
| 16 | Environmental controls on the growth, photosynthetic and calcification rates of a Southern Hemisphere strain of the coccolithophore Emiliania huxleyi. Limnology and Oceanography, 2017, 62, 519-540. | 3.1 | 50 |
| 17 | Summer and winter living coccolithophores in the Yellow Sea and the East China Sea. Biogeosciences, 2014, 11, 779-806. | 3.3 | 42 |
| 18 | Sinking rates of phytoplankton in the Changjiang (Yangtze River) estuary: A comparative study between Prorocentrum dentatum and Skeletonema dorhnii bloom. Journal of Marine Systems, 2016, 154, 5-14. | 2.1 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of increased pCO2 and temperature on the North Atlantic spring bloom. III. Dimethylsulfoniopropionate. Marine Ecology - Progress Series, 2009, 388, 41-49. | 1.9 | 33 |
| 20 | Phosphate and ATP uptake and growth kinetics in axenic cultures of the cyanobacteriumSynechococcusCCMP 1334. European Journal of Phycology, 2006, 41, 15-28. | 2.0 | 31 |
| 21 | A global compilation of coccolithophore calcification rates. Earth System Science Data, 2018, 10, 1859-1876. | 9.9 | 18 |
| 22 | Fast microzooplankton grazing on fast-growing, low-biomass phytoplankton: a case study in spring in Chesapeake Bay, Delaware Inland Bays and Delaware Bay. Hydrobiologia, 2007, 589, 127-139. | 2.0 | 17 |
| 23 | Effects of multiple drivers of ocean global change on the physiology and functional gene expression of the coccolithophore Emiliania huxleyi. Global Change Biology, 2020, 26, 5630-5645. | 9.5 | 17 |
| 24 | Bottom-up control of phytoplankton growth in spring blooms in Central Yellow Sea, China. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 97, 61-71. | 1.4 | 16 |
| 25 | Ecological provinces of spring phytoplankton in the Yellow Sea: species composition. Acta Oceanologica Sinica, 2016, 35, 114-125. | 1.0 | 15 |
| 26 | Top-down control of spring surface phytoplankton blooms by microzooplankton in the Central Yellow Sea, China. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 97, 51-60. | 1.4 | 14 |
| 27 | Size-fractionated Chlorophyll a biomass in the northern South China Sea in summer 2014. Chinese Journal of Oceanology and Limnology, 2016, 34, 672-682. | 0.7 | 12 |
| 28 | Environmental controls on the elemental composition of a Southern Hemisphere strain of the coccolithophore <i>Emiliania huxleyi</i>. Biogeosciences, 2018, 15, 581-595. | 3.3 | 11 |
| 29 | The Combined Effects of Increased pCO2 and Warming on a Coastal Phytoplankton Assemblage: From Species Composition to Sinking Rate. Frontiers in Marine Science, 2021, 8, . | 2.5 | 8 |
| 30 | Spring and autumn living coccolithophores in the Bohai Sea and Yellow Sea, China. Acta Oceanologica Sinica, 2015, 34, 132-146. | 1.0 | 7 |
| 31 | Phytoplankton species composition of four ecological provinces in Yellow Sea, China. Journal of Ocean University of China, 2017, 16, 1115-1125. | 1.2 | 4 |
| 32 | Autumn living coccolithophores in the Yellow Sea and the East China Sea. Acta Oceanologica Sinica, 2014, 33, 83-94. | 1.0 | 3 |
| 33 | The Differential Responses of Coastal Diatoms to Ocean Acidification and Warming: A Comparison Between Thalassiosira sp. and Nitzschia closterium f.minutissima. Frontiers in Microbiology, 0, 13, . | 3.5 | 3 |
| 34 | Exploring Variability of Trichodesmium Photophysiology Using Multi-Excitation Wavelength Fast Repetition Rate Fluorometry. Frontiers in Microbiology, 2022, 13, 813573. | 3.5 | 2 |
| 35 | Skeletonema cf. costatum biogenic silica production rate determinated by PDMPO method. Journal of Ocean University of China, 2017, 16, 333-338. | 1.2 | 1 |
| 36 | Trace Metal Clean Culture Techniques. , 2021, , 303-315. | | 1 |