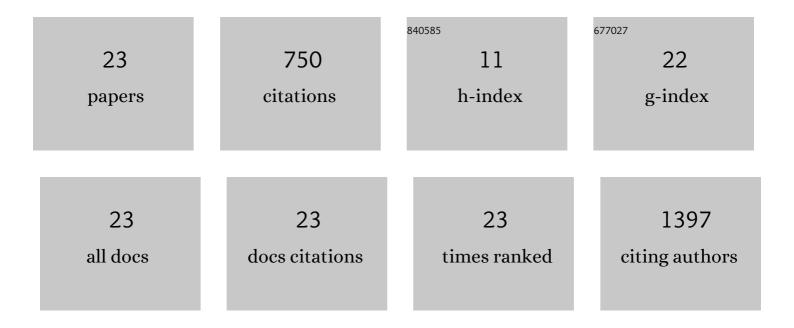
Weiwei Fu

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sustained climate warming drives declining marine biological productivity. Science, 2018, 359, 1139-1143. | 6.0 | 276 |
| 2 | Climate change impacts on net primary production (NPP) and export production (EP) regulated by increasing stratification and phytoplankton community structure in the CMIP5 models. Biogeosciences, 2016, 13, 5151-5170. | 1.3 | 156 |
| 3 | Biogeochemical controls of surface ocean phosphate. Science Advances, 2019, 5, eaax0341. | 4.7 | 84 |
| 4 | Reversal of Increasing Tropical Ocean Hypoxia Trends With Sustained Climate Warming. Global Biogeochemical Cycles, 2018, 32, 551-564. | 1.9 | 39 |
| 5 | Assimilating temperature and salinity profile observations using an anisotropic recursive filter in a coastal ocean model. Ocean Modelling, 2009, 30, 75-87. | 1.0 | 30 |
| 6 | A three-dimensional variational ocean data assimilation system: Scheme and preliminary results. Science in China Series D: Earth Sciences, 2006, 49, 1212-1222. | 0.9 | 28 |
| 7 | Application of an Ensemble Optimal Interpolation in a North/Baltic Sea model: Assimilating temperature and salinity profiles. Ocean Modelling, 2011, 40, 227-245. | 1.0 | 27 |
| 8 | A comparison between 3DVAR and EnOI techniques for satellite altimetry data assimilation. Ocean Modelling, 2009, 26, 206-216. | 1.0 | 24 |
| 9 | Assimilating high-resolution sea surface temperature data improves the ocean forecast potential in the Baltic Sea. Ocean Science, 2018, 14, 525-541. | 1.3 | 14 |
| 10 | Toward a global ocean data assimilation system based on ensemble optimum interpolation: altimetry data assimilation experiment. Ocean Dynamics, 2009, 59, 587-602. | 0.9 | 12 |
| 11 | Estimating the volume and salt transports during a major inflow event in the Baltic Sea with the reanalysis of the hydrography based on 3DVAR. Journal of Geophysical Research: Oceans, 2013, 118, 3103-3113. | 1.0 | 12 |
| 12 | Ocean data assimilation with background error covariance derived from OGCM outputs. Advances in Atmospheric Sciences, 2004, 21, 181-192. | 1.9 | 9 |
| 13 | The impact of location-dependent correlation scales in ocean data assimilation. Geophysical Research Letters, 2004, 31, n/a-n/a. | 1.5 | 8 |
| 14 | A Growing Freshwater Lens in the Arctic Ocean With Sustained Climate Warming Disrupts Marine Ecosystem Function. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005693. | 1.3 | 8 |
| 15 | Tracing ventilation source of tropical pacific oxygen minimum zones with an adjoint global ocean transport model. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 139, 95-103. | 0.6 | 5 |
| 16 | On the Role of Temperature and Salinity Data Assimilation to Constrain a Coupled Physical–Biogeochemical Model in the Baltic Sea. Journal of Physical Oceanography, 2016, 46, 713-729. | 0.7 | 4 |
| 17 | Biogeochemical Equilibrium Responses to Maximal Productivity in High Nutrient Low Chlorophyll Regions. Journal of Geophysical Research G: Biogeosciences, 2022, 127, . | 1.3 | 4 |
| 18 | Effects of Sea Level Data Assimilation by Ensemble Optimal Interpolation and 3D Variational Data Assimilation on the Simulation of Variability in a Tropical Pacific Model. Journal of Atmospheric and Oceanic Technology, 2011, 28, 1624-1640. | 0.5 | 3 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Application of a fast Newton–Krylov solver for equilibrium simulations of phosphorus and oxygen. Ocean Modelling, 2017, 119, 35-44. | 1.0 | 3 |
| 20 | Modeling the tropical Pacific Ocean using a regional coupled climate model. Advances in Atmospheric Sciences, 2006, 23, 625-638. | 1.9 | 2 |
| 21 | Improved ENSO simulation in regional coupled GCM using regressive correction method. Science in China Series D: Earth Sciences, 2007, 50, 1258-1265. | 0.9 | 1 |
| 22 | Altimetric data assimilation by EnOI and 3DVAR in a tropical pacific model: Impact on the simulation of variability. Advances in Atmospheric Sciences, 2012, 29, 823-837. | 1.9 | 1 |
| 23 | Linkage between multi-model uncertainties and the role of ocean heat content in ocean carbon uptake. Ocean Dynamics, 2018, 68, 1311-1319. | 0.9 | 0 |