

Fei Chai

List of Publications by Year in descending order

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131
papers

4,946
citations

117571

34
h-index

114418

63
g-index

143
all docs

143
docs citations

143
times ranked

4336
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Remote Estimation of Sea Surface Nitrate in the California Current System From Satellite Ocean Color Measurements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17. | 2.7 | 4 |
| 2 | Australian fire nourishes ocean phytoplankton bloom. <i>Science of the Total Environment</i> , 2022, 807, 150775. | 3.9 | 11 |
| 3 | Production of dissolved organic carbon in the South China Sea: A modeling study. <i>Science China Earth Sciences</i> , 2022, 65, 351-364. | 2.3 | 6 |
| 4 | Freshwater Transport in the Scotian Shelf and Its Impacts on the Gulf of Maine Salinity. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, . | 1.0 | 5 |
| 5 | Numerical investigation of the control factors driving Zhe-Min Coastal Current. <i>Acta Oceanologica Sinica</i> , 2022, 41, 127-138. | 0.4 | 5 |
| 6 | Exploring Variability of <i>Trichodesmium</i> Photophysiology Using Multi-Excitation Wavelength Fast Repetition Rate Fluorometry. <i>Frontiers in Microbiology</i> , 2022, 13, 813573. | 1.5 | 2 |
| 7 | Long-term trend of oceanic surface carbon in the Northwest Pacific from 1958 to 2017. <i>Acta Oceanologica Sinica</i> , 2022, 41, 90-98. | 0.4 | 2 |
| 8 | Rectification of the Intraseasonal SST Variability by the Diurnal Cycle of SST Revealed by the Global Tropical Moored Buoy Array. <i>Geophysical Research Letters</i> , 2021, 48, . | 1.5 | 8 |
| 9 | A limited effect of sub-tropical typhoons on phytoplankton dynamics. <i>Biogeosciences</i> , 2021, 18, 849-859. | 1.3 | 29 |
| 10 | Seasonal and Interannual Variability in the Sea Surface Temperature Front in the Eastern Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016356. | 1.0 | 21 |
| 11 | Quantifying the Atmospheric CO ₂ Forcing Effect on Surface Ocean pCO ₂ in the North Pacific Subtropical Gyre in the Past Two Decades. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 4 |
| 12 | Impact of Atmospheric Deposition on Carbon Export to the Deep Ocean in the Subtropical Northwest Pacific. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL089640. | 1.5 | 16 |
| 13 | The Combined Effects of Increased pCO ₂ and Warming on a Coastal Phytoplankton Assemblage: From Species Composition to Sinking Rate. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 8 |
| 14 | Influence of multi-scale dynamics on the vertical nitrate distribution around the Kuroshio Extension: An investigation based on BGC-Argo and satellite data. <i>Progress in Oceanography</i> , 2021, 193, 102543. | 1.5 | 9 |
| 15 | Far-Field Impacts of a Super Typhoon on Upper Ocean Phytoplankton Dynamics. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 13 |
| 16 | Impact of mesoscale eddies on the source funnel of sediment trap measurements in the South China Sea. <i>Progress in Oceanography</i> , 2021, 194, 102566. | 1.5 | 8 |
| 17 | Light Regulation of Phytoplankton Growth in San Francisco Bay Studied Using a 3D Sediment Transport Model. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 7 |
| 18 | Frontal variability and its impact on chlorophyll in the Arabian Sea. <i>Journal of Marine Systems</i> , 2021, 218, 103545. | 0.9 | 13 |

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|----|---|------|-----------|
| 19 | Biological Response to the Interaction of a Mesoscale Eddy and the River Plume in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017244. | 1.0 | 10 |
| 20 | Roles of Iron Limitation in Phytoplankton Dynamics in the Western and Eastern Subarctic Pacific. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 10 |
| 21 | Seasonal and Dailyâ€Scale Photoacclimation Modulating the Phytoplankton Chlorophyllâ€Carbon Coupling Relationship in the Midâ€Latitude Northwest Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017717. | 1.0 | 8 |
| 22 | Episodic subduction patches in the western North Pacific identified from BGC-Argo float data. <i>Biogeosciences</i> , 2021, 18, 5539-5554. | 1.3 | 3 |
| 23 | Decadal variability of nutrients and biomass in the southern region of Kuroshio Extension. <i>Progress in Oceanography</i> , 2020, 188, 102441. | 1.5 | 15 |
| 24 | Impacts of the unique landfall Typhoons Damrey on chlorophyll-a in the Yellow Sea off Jiangsu Province, China. <i>Regional Studies in Marine Science</i> , 2020, 39, 101394. | 0.4 | 7 |
| 25 | Southern Ocean carbon export efficiency in relation to temperature and primary productivity. <i>Scientific Reports</i> , 2020, 10, 13494. | 1.6 | 14 |
| 26 | Recordâ€Breaking Sea Surface Temperatures in the Yellow and East China Seas. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015883. | 1.0 | 17 |
| 27 | The interannual variabilities of chlorophyll and nutrients in San Francisco Bay: a modeling study. <i>Ocean Dynamics</i> , 2020, 70, 1169-1186. | 0.9 | 11 |
| 28 | Enhanced Winter Carbon Export Observed by BGCâ€Argo in the Northwest Pacific Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089847. | 1.5 | 14 |
| 29 | Evaluation of Ocean Color Remote Sensing Algorithms for Diffuse Attenuation Coefficients and Optical Depths with Data Collected on BGC-Argo Floats. <i>Remote Sensing</i> , 2020, 12, 2367. | 1.8 | 16 |
| 30 | The 3rd workshop on sediment dynamics of muddy coasts and estuaries: An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106994. | 0.9 | 0 |
| 31 | The ocean-atmosphere interaction over a summer upwelling system in the South China Sea. <i>Journal of Marine Systems</i> , 2020, 208, 103360. | 0.9 | 21 |
| 32 | Impact of Transmission Scheme of Visible Solar Radiation on Temperature and Mixing in the Upper Water Column With Inputs for Transmission Derived From Ocean Color Remote Sensing. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016080. | 1.0 | 3 |
| 33 | Monitoring ocean biogeochemistry with autonomous platforms. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 315-326. | 12.2 | 114 |
| 34 | Eddies Affect Subsurface Phytoplankton and Oxygen Distributions in the North Pacific Subtropical Gyre. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087037. | 1.5 | 32 |
| 35 | Coupling and Decoupling of High Biomass Phytoplankton Production and Hypoxia in a Highly Dynamic Coastal System: The Changjiang (Yangtze River) Estuary. <i>Frontiers in Marine Science</i> , 2020, 7, . | 1.2 | 36 |
| 36 | Remote sensing linear trends of the Gulf Stream from 1993 to 2016. <i>Ocean Dynamics</i> , 2020, 70, 701-712. | 0.9 | 11 |

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|----|--|-----|-----------|
| 37 | Development of a new sediment flux model “ Application in Chesapeake Bay. <i>Progress in Oceanography</i> , 2020, 185, 102332. | 1.5 | 4 |
| 38 | Summertime Oxygen Depletion and Acidification in Bohai Sea, China. <i>Frontiers in Marine Science</i> , 2020, 7, . | 1.2 | 30 |
| 39 | Modeled Dynamics of Physical and Biological Processes in the Central California Current System From 1993 to 2016. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015664. | 1.0 | 2 |
| 40 | On the Future of Argo: A Global, Full-Depth, Multi-Disciplinary Array. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 235 |
| 41 | Seasonal variability of the carbon export in the central South China Sea. <i>Ocean Dynamics</i> , 2019, 69, 955-966. | 0.9 | 23 |
| 42 | Interannual to Decadal Variability of Upper-Ocean Salinity in the Southern Indian Ocean and the Role of the Indonesian Throughflow. <i>Journal of Climate</i> , 2019, 32, 6403-6421. | 1.2 | 39 |
| 43 | Buoyancy Effect on the Winter South China Sea Western Boundary Current. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6871-6885. | 1.0 | 4 |
| 44 | Seasonal variability of SST fronts and winds on the southeastern continental shelf of Brazil. <i>Ocean Dynamics</i> , 2019, 69, 1387-1399. | 0.9 | 16 |
| 45 | Mesoscale and Submesoscale Contributions to High Sea Surface Chlorophyll in Subtropical Gyres. <i>Geophysical Research Letters</i> , 2019, 46, 13217-13226. | 1.5 | 17 |
| 46 | The variability of chlorophyll-a and its relationship with dynamic factors in the basin of the South China Sea. <i>Journal of Marine Systems</i> , 2019, 200, 103230. | 0.9 | 50 |
| 47 | Salinity effects on the 2014 warm “Blob” in the Northeast Pacific. <i>Acta Oceanologica Sinica</i> , 2019, 38, 24-34. | 0.4 | 8 |
| 48 | An Enhanced Ocean Acidification Observing Network: From People to Technology to Data Synthesis and Information Exchange. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 48 |
| 49 | An analytical phytoplankton model and its application in the tidal freshwater James River. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 224, 228-244. | 0.9 | 10 |
| 50 | The sources and transport of iron in the North Pacific and its impact on marine ecosystems. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 30-34. | 0.5 | 6 |
| 51 | Spatial and temporal variation in chlorophyll a concentration in the Eastern China Seas based on a locally modified satellite dataset. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 220, 220-231. | 0.9 | 43 |
| 52 | Evaluating the Roles of Wind- and Buoyancy Flux-Induced Mixing on Phytoplankton Dynamics in the Northern and Central South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 680-702. | 1.0 | 15 |
| 53 | On contributions by wind-induced mixing and eddy pumping to interannual chlorophyll variability during different ENSO phases in the northern South China Sea. <i>Limnology and Oceanography</i> , 2019, 64, 503-514. | 1.6 | 17 |
| 54 | Progress and Planning in Understanding Ocean Acidification. <i>Eos</i> , 2019, 100, . | 0.1 | 1 |

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|----|--|-----|-----------|
| 55 | Toward deeper development of Biogeochemical-Argo floats. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 287-290. | 0.5 | 4 |
| 56 | Future changes in coastal upwelling ecosystems with global warming: The case of the California Current System. <i>Scientific Reports</i> , 2018, 8, 2866. | 1.6 | 121 |
| 57 | Increased Eddy Activity in the Northeastern Pacific during 1993–2011. <i>Journal of Climate</i> , 2018, 31, 387-399. | 1.2 | 13 |
| 58 | San Francisco Bay nutrients and plankton dynamics as simulated by a coupled hydrodynamic-ecosystem model. <i>Continental Shelf Research</i> , 2018, 161, 29-48. | 0.9 | 27 |
| 59 | International Silica Cycle Workshop held in Hangzhou. <i>Acta Oceanologica Sinica</i> , 2018, 37, 129-129. | 0.4 | 0 |
| 60 | Impact of mesoscale eddies on chlorophyll variability off the coast of Chile. <i>PLoS ONE</i> , 2018, 13, e0203598. | 1.1 | 29 |
| 61 | Performance of fish-habitat classifiers based on derived predictors from a coupled biophysical model. <i>Journal of Marine Systems</i> , 2018, 186, 105-114. | 0.9 | 5 |
| 62 | Spatiotemporal Features of Intraseasonal Oceanic Variability in the Philippine Sea From Mooring Observations and Numerical Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4874-4887. | 1.0 | 17 |
| 63 | A Sixteen-year Decline in Dissolved Oxygen in the Central California Current. <i>Scientific Reports</i> , 2018, 8, 7290. | 1.6 | 16 |
| 64 | The onshore intrusion of Kuroshio subsurface water from February to July and a mechanism for the intrusion variation. <i>Progress in Oceanography</i> , 2018, 167, 97-115. | 1.5 | 49 |
| 65 | Marine phytoplankton biomass responses to typhoon events in the South China Sea based on physical-biogeochemical model. <i>Ecological Modelling</i> , 2017, 356, 38-47. | 1.2 | 54 |
| 66 | Variability of the Pacific North Equatorial Current from 1993 to 2012 based on a 1/8° Pacific model simulation. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2382-2400. | 1.0 | 13 |
| 67 | The origins of the anomalous warming in the California coastal ocean and San Francisco Bay during 2014–2016. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7537-7557. | 1.0 | 24 |
| 68 | Investigation of hypoxia off the Changjiang Estuary using a coupled model of ROMS-CoSiNE. <i>Progress in Oceanography</i> , 2017, 159, 237-254. | 1.5 | 82 |
| 69 | Development, implementation, and validation of a modeling system for the San Francisco Bay and Estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 194, 40-56. | 0.9 | 23 |
| 70 | Enhanced Chlorophyll Concentrations Induced by Kuroshio Intrusion Fronts in the Northern South China Sea. <i>Geophysical Research Letters</i> , 2017, 44, 11,565. | 1.5 | 49 |
| 71 | Editorial—The 6th International Workshop on Modeling the Ocean (IWMO 2014). <i>Ocean Dynamics</i> , 2017, 67, 317-319. | 0.9 | 0 |
| 72 | Variability of the Pacific North Equatorial Current and its implications on Japanese eel (<i>Anguilla</i>) | 0.9 | 21 |

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|----|--|-----|-----------|
| 73 | Seasonal variability and mechanisms regulating chlorophyll distribution in mesoscale eddies in the South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5329-5347. | 1.0 | 17 |
| 74 | Examining features of enhanced phytoplankton biomass in the Bay of Bengal using a coupled physical-biological model. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5112-5133. | 1.0 | 14 |
| 75 | Persistent and energetic bottom-trapped topographic Rossby waves observed in the southern South China Sea. <i>Scientific Reports</i> , 2016, 6, 24338. | 1.6 | 40 |
| 76 | HSP90B1 overexpression predicts poor prognosis in NSCLC patients. <i>Tumor Biology</i> , 2016, 37, 14321-14328. | 0.8 | 19 |
| 77 | Seasonal and spatial variability of surface chlorophyll inside mesoscale eddies in the South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2016, 19, 250-259. | 0.3 | 9 |
| 78 | Physical drivers of chlorophyll variability in the open South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7123-7140. | 1.0 | 38 |
| 79 | Olfaction Contributes to Pelagic Navigation in a Coastal Shark. <i>PLoS ONE</i> , 2016, 11, e0143758. | 1.1 | 25 |
| 80 | Impact of improved light calculations on predicted phytoplankton growth and heating in an idealized upwelling-downwelling channel geometry. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 875-892. | 1.0 | 24 |
| 81 | Transport patterns of Pacific sardine <i>Sardinops sagax</i> eggs and larvae in the California Current System. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 100, 127-139. | 0.6 | 11 |
| 82 | Does spatial variation in environmental conditions affect recruitment? A study using a 3-D model of Peruvian anchovy. <i>Progress in Oceanography</i> , 2015, 138, 417-430. | 1.5 | 13 |
| 83 | A 1/8° coupled biochemical-physical Indian Ocean Regional Model: Physical results and validation. <i>Ocean Dynamics</i> , 2015, 65, 1121-1142. | 0.9 | 6 |
| 84 | Dynamical processes within an anticyclonic eddy revealed from Argo floats. <i>Geophysical Research Letters</i> , 2015, 42, 2342-2350. | 1.5 | 31 |
| 85 | Impacts of mesoscale eddies in the South China Sea on biogeochemical cycles. <i>Ocean Dynamics</i> , 2015, 65, 1335-1352. | 0.9 | 30 |
| 86 | Simulation of export production and biological pump structure in the South China Sea. <i>Geo-Marine Letters</i> , 2014, 34, 541-554. | 0.5 | 16 |
| 87 | Connections between physical, optical and biogeochemical processes in the Pacific Ocean. <i>Progress in Oceanography</i> , 2014, 122, 30-53. | 1.5 | 68 |
| 88 | A model study of the Copper River plume and its effects on the northern Gulf of Alaska. <i>Ocean Dynamics</i> , 2014, 64, 241-258. | 0.9 | 13 |
| 89 | Air-sea CO ₂ fluxes in the California Current: Impacts of model resolution and coastal topography. <i>Global Biogeochemical Cycles</i> , 2014, 28, 371-385. | 1.9 | 38 |
| 90 | An exceptional anticyclonic eddy in the South China Sea in 2010. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 881-897. | 1.0 | 85 |

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|-----|--|-----|-----------|
| 91 | Seasonal dynamics of physical and biological processes in the central California Current System: A modeling study. <i>Ocean Dynamics</i> , 2014, 64, 1137-1152. | 0.9 | 14 |
| 92 | Physical and biological controls on the summer chlorophyll bloom to the east of Vietnam. <i>Journal of Oceanography</i> , 2014, 70, 323-328. | 0.7 | 27 |
| 93 | Satellite bio-optical and altimeter comparisons of phytoplankton blooms induced by natural and artificial iron addition in the Gulf of Alaska. <i>Remote Sensing of Environment</i> , 2014, 145, 38-46. | 4.6 | 5 |
| 94 | Volume transport through the Taiwan Strait and the effect of synoptic events. <i>Continental Shelf Research</i> , 2014, 88, 117-125. | 0.9 | 16 |
| 95 | Meridional overturning circulation in the South China Sea envisioned from the high-resolution global reanalysis data GLBa0.08. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3012-3028. | 1.0 | 85 |
| 96 | Modulation of decadal oscillation on surface chlorophyll in the Kuroshio Extension. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 187-199. | 1.0 | 29 |
| 97 | Variability of oceanic carbon cycle in the North Pacific from seasonal to decadal scales. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5270-5288. | 1.0 | 11 |
| 98 | Modeling the long-term variability of phytoplankton functional groups and primary productivity in the South China Sea. <i>Journal of Oceanography</i> , 2013, 69, 527-544. | 0.7 | 17 |
| 99 | Environmental influences on the interannual variation and spatial distribution of Peruvian anchovy (<i>Engraulis ringens</i>) population dynamics from 1991 to 2007: A three-dimensional modeling study. <i>Ecological Modelling</i> , 2013, 264, 64-82. | 1.2 | 32 |
| 100 | Apparent enhancement of ²³⁴ Th-based particle export associated with anticyclonic eddies. <i>Earth and Planetary Science Letters</i> , 2013, 381, 198-209. | 1.8 | 84 |
| 101 | Weakening of the Kuroshio Intrusion into the South China Sea over the Past Two Decades. <i>Journal of Climate</i> , 2013, 26, 8097-8110. | 1.2 | 70 |
| 102 | Triple check: Observations verify structural realism of an ocean ecosystem model. <i>Geophysical Research Letters</i> , 2013, 40, 1367-1372. | 1.5 | 20 |
| 103 | Summer nitrogenous nutrient transport and its fate in the Taiwan Strait: A coupled physical-biological modeling approach. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4184-4200. | 1.0 | 31 |
| 104 | Green Sturgeon Distribution in the Pacific Ocean Estimated from Modeled Oceanographic Features and Migration Behavior. <i>PLoS ONE</i> , 2012, 7, e45852. | 1.1 | 19 |
| 105 | Spatial and temporal variability in phytoplankton carbon, chlorophyll, and nitrogen in the North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 38 |
| 106 | Modeling the mesoscale eddy field in the Gulf of Alaska. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 63, 102-117. | 0.6 | 20 |
| 107 | Modeled biogeochemical responses to mesoscale eddies in the South China Sea. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 113 |
| 108 | Iron flux induced by Haida eddies in the Gulf of Alaska. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 1.5 | 34 |

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|-----|--|-----|-----------|
| 109 | The regulation of equatorial Pacific new production and pCO ₂ by silicate-limited diatoms. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 477-492. | 0.6 | 23 |
| 110 | Estimating iron and aluminum removal rates in the eastern equatorial Pacific Ocean using a box model approach. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 311-324. | 0.6 | 9 |
| 111 | Seasonal and inter-annual changes in the surface chlorophyll of the South China Sea. Journal of Geophysical Research, 2011, 116, . | 3.3 | 48 |
| 112 | Oceanic eddy formation and propagation southwest of Taiwan. Journal of Geophysical Research, 2011, 116, . | 3.3 | 100 |
| 113 | Characteristics and mechanisms of the upwelling in the southern Taiwan Strait: a three-dimensional numerical model study. Journal of Oceanography, 2011, 67, 699-708. | 0.7 | 38 |
| 114 | Identification of different types of Kuroshio intrusion into the South China Sea. Ocean Dynamics, 2011, 61, 1291-1304. | 0.9 | 112 |
| 115 | A spectral mixture model analysis of the Kuroshio variability and the water exchange between the Kuroshio and the East China Sea. Chinese Journal of Oceanology and Limnology, 2011, 29, 446-459. | 0.7 | 14 |
| 116 | Seascape genetics along a steep cline: using genetic patterns to test predictions of marine larval dispersal. Molecular Ecology, 2010, 19, 3692-3707. | 2.0 | 99 |
| 117 | A census of eddy activities in the South China Sea during 1993-2007. Journal of Geophysical Research, 2010, 115, . | 3.3 | 266 |
| 118 | Seasonal and interannual variability of primary and export production in the South China Sea: a three-dimensional physical-biogeochemical model study. ICES Journal of Marine Science, 2009, 66, 420-431. | 1.2 | 65 |
| 119 | Seasonal and interannual variation of physical and biological processes during 1994-2001 in the Sea of Japan/East Sea: A three-dimensional physical-biogeochemical modeling study. Journal of Marine Systems, 2009, 78, 265-277. | 0.9 | 27 |
| 120 | Seasonal and interannual variability of oceanic carbon cycling in the western and central tropical-subtropical pacific: A physical-biogeochemical modeling study. Journal of Oceanography, 2009, 65, 689-701. | 0.7 | 15 |
| 121 | Seasonal and interannual variability of carbon cycle in South China Sea: A three-dimensional physical-biogeochemical modeling study. Journal of Oceanography, 2009, 65, 703-720. | 0.7 | 70 |
| 122 | Modeling carbon and silicon cycling in the equatorial Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 496-520. | 0.6 | 23 |
| 123 | Size-fractionated nitrogen uptake measurements in the equatorial Pacific and confirmation of the low Si-high-nitrate low-chlorophyll condition. Global Biogeochemical Cycles, 2007, 21, n/a-n/a. | 1.9 | 28 |
| 124 | Assessment of skill and portability in regional marine biogeochemical models: Role of multiple planktonic groups. Journal of Geophysical Research, 2007, 112, . | 3.3 | 215 |
| 125 | Physical and biological controls on the latitudinal asymmetry of surface nutrients and pCO ₂ in the central and eastern equatorial Pacific. Journal of Geophysical Research, 2005, 110, . | 3.3 | 15 |
| 126 | Decadal-Scale Climate and Ecosystem Interactions in the North Pacific Ocean. Journal of Oceanography, 2004, 60, 163-188. | 0.7 | 91 |

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|-----|--|-----|-----------|
| 127 | Kuroshio intrusion and the circulation in the South China Sea. Journal of Geophysical Research, 2004, 109, . | 3.3 | 259 |
| 128 | Title is missing!. Journal of Oceanography, 2003, 59, 461-475. | 0.7 | 85 |
| 129 | A Model Study of the Seasonal Circulation in the Gulf of Maine. Journal of Physical Oceanography, 2000, 30, 1111-1135. | 0.7 | 86 |
| 130 | Iron and grazing constraints on primary production in the central equatorial Pacific: An EqPac synthesis. Limnology and Oceanography, 1997, 42, 405-418. | 1.6 | 368 |
| 131 | Origin and maintenance of a high nitrate condition in the equatorial Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1996, 43, 1031-1064. | 0.6 | 97 |