

# Shuangling Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

431  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote Estimation of Sea Surface Nitrate in the California Current System From Satellite Ocean Color Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	4
2	Quantifying the Atmospheric CO <sub>2</sub> Forcing Effect on Surface Ocean pCO <sub>2</sub> in the North Pacific Subtropical Gyre in the Past Two Decades. Frontiers in Marine Science, 2021, 8, .	2.5	4
3	Revisiting the Ocean Color Algorithms for Particulate Organic Carbon and Chlorophyllâ€a Concentrations in the Ross Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017749.	2.6	7
4	Seasonal and Dailyâ€Scale Photoacclimation Modulating the Phytoplankton Chlorophyllâ€Carbon Coupling Relationship in the Midâ€Latitude Northwest Pacific. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017717.	2.6	8
5	Episodic subduction patches in the western North Pacific identified from BGC-Argo float data. Biogeosciences, 2021, 18, 5539-5554.	3.3	3
6	Carbon nitride nanotube-based materials for energy and environmental applications: a review of recent progresses. Journal of Materials Chemistry A, 2020, 8, 25626-25648.	10.3	66
7	Southern Ocean carbon export efficiency in relation to temperature and primary productivity. Scientific Reports, 2020, 10, 13494.	3.3	14
8	Enhanced Winter Carbon Export Observed by BGCâ€Argo in the Northwest Pacific Ocean. Geophysical Research Letters, 2020, 47, e2020GL089847.	4.0	14
9	Offshore Spreading of Mississippi Waters: Pathways and Vertical Structure Under Eddy Influence. Journal of Geophysical Research: Oceans, 2019, 124, 5952-5978.	2.6	33
10	Environmental controls of surface water pCO <sub>2</sub> in different coastal environments: Observations from marine buoys. Continental Shelf Research, 2019, 183, 73-86.	1.8	13
11	A machine learning approach to estimate surface ocean pCO <sub>2</sub> from satellite measurements. Remote Sensing of Environment, 2019, 228, 203-226.	11.0	79
12	Improving ocean color data coverage through machine learning. Remote Sensing of Environment, 2019, 222, 286-302.	11.0	50
13	Estimating sea surface salinity in the northern Gulf of Mexico from satellite ocean color measurements. Remote Sensing of Environment, 2017, 201, 115-132.	11.0	62
14	Estimating surface pCO <sub>2</sub> in the northern Gulf of Mexico: Which remote sensing model to use?. Continental Shelf Research, 2017, 151, 94-110.	1.8	17
15	Remote estimation of surface pCO <sub>2</sub> on the West Florida Shelf. Continental Shelf Research, 2016, 128, 10-25.	1.8	30
16	Detecting surface oil slicks using VIIRS nighttime imagery under moon glint: a case study in the Gulf of Mexico. Remote Sensing Letters, 2015, 6, 295-301.	1.4	13
17	In search of oil seeps in the Cariaco basin using MODIS and MERIS medium-resolution data. Remote Sensing Letters, 2014, 5, 442-450.	1.4	14