

Yc Cheng

List of Publications by Year in descending order

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48
papers

1,148
citations

623734

14
h-index

395702

33
g-index

49
all docs

49
docs citations

49
times ranked

1297
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy assessment of global barotropic ocean tide models. <i>Reviews of Geophysics</i> , 2014, 52, 243-282.	23.0	338
2	SAR observation and model tracking of an oil spill event in coastal waters. <i>Marine Pollution Bulletin</i> , 2011, 62, 350-363.	5.0	136
3	Interannual sea level variability in the South China Sea and its response to ENSO. <i>Global and Planetary Change</i> , 2007, 55, 257-272.	3.5	105
4	Multimission empirical ocean tide modeling for shallow waters and polar seas. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	96
5	Satellite observations and modeling of oil spill trajectories in the Bohai Sea. <i>Marine Pollution Bulletin</i> , 2013, 71, 107-116.	5.0	80
6	Monitoring of Oil Spill Trajectories With COSMO-SkyMed X-Band SAR Images and Model Simulation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 2895-2901.	4.9	48
7	Monitoring and Tracking the Green Tide in the Yellow Sea With Satellite Imagery and Trajectory Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 5172-5181.	4.9	29
8	Regional sea level variability in the Bohai Sea, Yellow Sea, and East China Sea. <i>Continental Shelf Research</i> , 2015, 111, 95-107.	1.8	27
9	An Improved 20-Year Arctic Ocean Altimetric Sea Level Data Record. <i>Marine Geodesy</i> , 2015, 38, 146-162.	2.0	26
10	Modeling of oil spill beaching along the coast of the Bohai Sea, China. <i>Frontiers of Earth Science</i> , 2015, 9, 637-641.	2.1	18
11	Sea Level Acceleration in the China Seas. <i>Water (Switzerland)</i> , 2016, 8, 293.	2.7	18
12	Impact of Ships and Ocean Fronts on Coastal Sea Surface Wind Measurements From the Advanced Scatterometer. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 2162-2169.	4.9	18
13	Multi-sensor monitoring of <i>Ulva prolifera</i> blooms in the Yellow Sea using different methods. <i>Frontiers of Earth Science</i> , 2016, 10, 378-388.	2.1	17
14	Integrating Non-Tidal Sea Level data from altimetry and tide gauges for coastal sea level prediction. <i>Advances in Space Research</i> , 2012, 50, 1099-1106.	2.6	16
15	Influence of ENSO on the variation of annual sea level cycle in the South China Sea. <i>Ocean Engineering</i> , 2016, 126, 343-352.	4.3	16
16	Analysis of tidal amplitude changes using the EMD method. <i>Continental Shelf Research</i> , 2017, 148, 44-52.	1.8	15
17	Impacts of oil spills on altimeter waveforms and radar backscatter cross section. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3621-3637.	2.6	13
18	An analytical algorithm with a wave age factor for altimeter wind speed retrieval. <i>International Journal of Remote Sensing</i> , 2008, 29, 5699-5716.	2.9	11

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19	Long term changes of altimeter range and geophysical corrections at altimetry calibration sites. <i>Advances in Space Research</i> , 2013, 51, 1468-1477.	2.6	10
20	Sea-level trend in the South China Sea observed from 20 years of along-track satellite altimetric data. <i>International Journal of Remote Sensing</i> , 2014, 35, 4329-4339.	2.9	10
21	Investigation of sea level variability in the Baltic Sea from tide gauge, satellite altimeter data, and model reanalysis. <i>International Journal of Remote Sensing</i> , 2015, 36, 2548-2568.	2.9	10
22	Tidal Estimation from TOPEX/Poseidon, Jason Primary, and Interleaved Missions in the Bohai, Yellow, and East China Seas. <i>Journal of Coastal Research</i> , 2016, 320, 966-973.	0.3	8
23	Interannual Feature of Summer Upwelling around the Zhoushan Islands in the East China Sea. <i>Journal of Coastal Research</i> , 2017, 331, 125-134.	0.3	8
24	Data assimilation in a coupled physical-biological model for the Bohai Sea and the Northern Yellow Sea. <i>Marine and Freshwater Research</i> , 2008, 59, 529.	1.3	8
25	Comparison of chlorophyll algorithms in the bohai sea of China. <i>Ocean Science Journal</i> , 2007, 42, 199-209.	1.3	7
26	Ocean Surface Wind Speed of Hurricane Helene Observed by SAR. <i>Procedia Environmental Sciences</i> , 2011, 10, 2097-2101.	1.4	7
27	An automatic method for tropical cyclone center determination from SAR. , 2016, , .		7
28	Sea State Bias Variability in Satellite Altimetry Data. <i>Remote Sensing</i> , 2019, 11, 1176.	4.0	7
29	Impacts of altimeter corrections on local linear sea level trends around Taiwan. <i>International Journal of Remote Sensing</i> , 2013, 34, 6738-6748.	2.9	6
30	Retrieval of sea surface specific humidity based on AMSR-E satellite data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1189-1195.	1.4	5
31	Spatio-Temporal Variability of Annual Sea Level Cycle in the Baltic Sea. <i>Remote Sensing</i> , 2018, 10, 528.	4.0	5
32	Annual and interannual variability of scatterometer ocean surface wind over the South China Sea. <i>Journal of Ocean University of China</i> , 2014, 13, 191-197.	1.2	4
33	Impacts of Climate Oscillation on Offshore Wind Resources in China Seas. <i>Remote Sensing</i> , 2022, 14, 1879.	4.0	3
34	Interannual variability of SST, SLA and wind waves in the Hawaii area and their responses to ENSO. <i>Journal of Ocean University of China</i> , 2008, 7, 379-384.	1.2	2
35	HY-2A satellite altimetric data evaluation in the Arctic ocean. , 2014, , .		2
36	Bathymetric features of Subei Bank on ENVISAT ASAR images. , 2016, , .		2

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37	Observing Sea Levels in the China Seas from Satellite Altimetry. , 2019, , 321-338.		2
38	A new algorithm for microwave radiometer remote sensing of sea surface salinity without influence of wind. International Journal of Remote Sensing, 2008, 29, 6789-6800.	2.9	1
39	Multimission satellite altimetric data validation in the Baltic Sea. , 2014, , .		1
40	Study of coastal upwelling around Zhoushan Islands based on satellite measurements and numerical model. , 2016, , .		1
41	Evolution of typhoon soudelor observed by RADARSAT-2 SAR. , 2017, , .		1
42	Using satellite altimetry and tide gauges for storm surge warning. Proceedings of the International Association of Hydrological Sciences, 0, 365, 28-34.	1.0	1
43	Variability of Wind Energy in the South China Sea. , 2022, , .		1
44	The effect of E-M wave's attenuation on sea surface reflectivity, emissivity and estimation of sea surface temperature. ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 60, 295-305.	11.1	0
45	Observation and simulation of 2010 ULVA prolifera bloom in the Yellow Sea. , 2014, , .		0
46	New satellite altimetry measurements in China Seas. , 2016, , .		0
47	Shallow water topography of Subei bank imaged by SAR. , 2017, , .		0
48	Monitoring of Ulva prolifera blooms in the Yellow Sea with MODIS. , 2013, , .		0