

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
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49
all docs

49
docs citations

49
times ranked

1297
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Climate Oscillation on Offshore Wind Resources in China Seas. Remote Sensing, 2022, 14, 1879.	4.0	3
2	Variability of Wind Energy in the South China Sea. , 2022, , .		1
3	Sea State Bias Variability in Satellite Altimetry Data. Remote Sensing, 2019, 11, 1176.	4.0	7
4	Observing Sea Levels in the China Seas from Satellite Altimetry. , 2019, , 321-338.		2
5	Spatio-Temporal Variability of Annual Sea Level Cycle in the Baltic Sea. Remote Sensing, 2018, 10, 528.	4.0	5
6	Impact of Ships and Ocean Fronts on Coastal Sea Surface Wind Measurements From the Advanced Scatterometer. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2162-2169.	4.9	18
7	Interannual Feature of Summer Upwelling around the Zhoushan Islands in the East China Sea. Journal of Coastal Research, 2017, 331, 125-134.	0.3	8
8	Impacts of oil spills on altimeter waveforms and radar backscatter cross section. Journal of Geophysical Research: Oceans, 2017, 122, 3621-3637.	2.6	13
9	Analysis of tidal amplitude changes using the EMD method. Continental Shelf Research, 2017, 148, 44-52.	1.8	15
10	Shallow water topography of Subei bank imaged by SAR. , 2017, , .		0
11	Evolution of typhoon soudelor observed by RADARSAT-2 SAR. , 2017, , .		1
12	Sea Level Acceleration in the China Seas. Water (Switzerland), 2016, 8, 293.	2.7	18
13	Bathymetric features of Subei Bank on ENVISAT ASAR images. , 2016, , .		2
14	Monitoring and Tracking the Green Tide in the Yellow Sea With Satellite Imagery and Trajectory Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5172-5181.	4.9	29
15	Influence of ENSO on the variation of annual sea level cycle in the South China Sea. Ocean Engineering, 2016, 126, 343-352.	4.3	16
16	Study of coastal upwelling around Zhoushan Islands based on satellite measurements and numerical model. , 2016, , .		1
17	An automatic method for tropical cyclone center determination from SAR. , 2016, , .		7
18	New satellite altimetry measurements in China Seas. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	An Improved 20-Year Arctic Ocean Altimetric Sea Level Data Record. <i>Marine Geodesy</i> , 2015, 38, 146-162.	2.0	26
23	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
24	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
25	Multimission satellite altimetric data validation in the Baltic Sea. , 2014, , .		1
26	Observation and simulation of 2010 <i>ULVA prolifera</i> bloom in the Yellow Sea. , 2014, , .		0
27	HY-2A satellite altimetric data evaluation in the Arctic ocean. , 2014, , .		2
28	Accuracy assessment of global barotropic ocean tide models. <i>Reviews of Geophysics</i> , 2014, 52, 243-282.	23.0	338
29	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
30	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
31	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
32	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
33	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
34	Satellite observations and modeling of oil spill trajectories in the Bohai Sea. <i>Marine Pollution Bulletin</i> , 2013, 71, 107-116.	5.0	80
35	Monitoring of <i>Ulva prolifera</i> blooms in the Yellow Sea with MODIS. , 2013, , .		0
36	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

#	ARTICLE	IF	CITATIONS
37	Ocean Surface Wind Speed of Hurricane Helene Observed by SAR. <i>Procedia Environmental Sciences</i> , 2011, 10, 2097-2101.	1.4	7
38	Multimission empirical ocean tide modeling for shallow waters and polar seas. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	96
39	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
40	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
41	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
42	A new algorithm for microwave radiometer remote sensing of sea surface salinity without influence of wind. <i>International Journal of Remote Sensing</i> , 2008, 29, 6789-6800.	2.9	1
43	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
44	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
45	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
46	Comparison of chlorophyll algorithms in the bohai sea of China. <i>Ocean Science Journal</i> , 2007, 42, 199-209.	1.3	7
47	The effect of E-M wave's attenuation on sea surface reflectivity, emissivity and estimation of sea surface temperature. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2006, 60, 295-305.	11.1	0
48	Using satellite altimetry and tide gauges for storm surge warning. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 365, 28-34.	1.0	1