

Jun Zhao

List of Publications by Year in descending order

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38
papers

986
citations

448610

19
h-index

488211

31
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38
all docs

38
docs citations

38
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Based Long-Term Water Quality in the Turbid Pearl River Estuary, China. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	15
2	Estimation of vertical size-fractionated phytoplankton primary production in the northern South China Sea. <i>Ecological Indicators</i> , 2022, 135, 108546.	2.6	5
3	Mapping Diurnal Variability of the Wintertime Pearl River Plume Front from Himawari-8 Geostationary Satellite Observations. <i>Water (Switzerland)</i> , 2022, 14, 43.	1.2	4
4	An Objective Method with a Continuity Constraint for Improving Surface Velocity Estimates from the Geostationary Ocean Color Imager. <i>Remote Sensing</i> , 2022, 14, 14.	1.8	2
5	Atmospheric Sulfuric Acid Dimer Formation in a Polluted Environment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6848.	1.2	0
6	A novel technique for ship wake detection from optical images. <i>Remote Sensing of Environment</i> , 2021, 258, 112375.	4.6	25
7	Characterization of dicarboxylic acids, oxoacids, and β -dicarbonyls in PM _{2.5} within the urban boundary layer in southern China: Sources and formation pathways. <i>Environmental Pollution</i> , 2021, 285, 117185.	3.7	11
8	Assessing responses of phytoplankton to consecutive typhoons by combining Argo, remote sensing and numerical simulation data. <i>Science of the Total Environment</i> , 2021, 790, 148086.	3.9	12
9	Source apportionment of marine atmospheric aerosols in northern South China Sea during summertime 2018. <i>Environmental Pollution</i> , 2021, 289, 117948.	3.7	10
10	Two-Decade Variability of Sea Surface Temperature and Chlorophyll-a in the Northern South China Sea as Revealed by Reconstructed Cloud-Free Satellite Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9033-9046.	2.7	16
11	A Floating Optical Buoy (FOBY) for Direct Measurement of Water-Leaving Radiance Based on the Skylight-Blocked Approach (SBA): An Experiment in Honghu Lake, China. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016322.	1.0	3
12	Assessing the Effects of the Hong Kong-Zhuhai-Macau Bridge on the Total Suspended Solids in the Pearl River Estuary Based on Landsat Time Series. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016202.	1.0	14
13	In search of floating algae and other organisms in global oceans and lakes. <i>Remote Sensing of Environment</i> , 2020, 239, 111659.	4.6	52
14	Simulation of Kelvin wakes in optical images of rough sea surface. <i>Applied Ocean Research</i> , 2019, 89, 36-43.	1.8	11
15	Estimation of suspended particulate matter in turbid coastal waters: application to hyperspectral satellite imagery. <i>Optics Express</i> , 2018, 26, 10476.	1.7	14
16	Estimating CDOM Concentration in Highly Turbid Estuarine Coastal Waters. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5856-5873.	1.0	22
17	Remotely sensed sea surface salinity in the hyper-saline Arabian Gulf: Application to landsat 8 OLI data. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 168-177.	0.9	29
18	Analysis of bloom conditions in fall 2013 in the Strait of Hormuz using satellite observations and model simulations. <i>Marine Pollution Bulletin</i> , 2017, 115, 315-323.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Improved atmospheric correction and chlorophyll-a remote sensing models for turbid waters in a dusty environment. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 133, 46-60.	4.9	23
20	A MODIS-Based Robust Satellite Technique (RST) for Timely Detection of Oil Spilled Areas. Remote Sensing, 2017, 9, 128.	1.8	23
21	MODIS-Based Mapping of Secchi Disk Depth Using a Qualitative Algorithm in the Shallow Arabian Gulf. Remote Sensing, 2016, 8, 423.	1.8	21
22	Monitoring HABs in the shallow Arabian Gulf using a qualitative satellite-based index. International Journal of Remote Sensing, 2016, 37, 1937-1954.	1.3	16
23	A semianalytical algorithm for quantitatively estimating sediment and atmospheric deposition flux from MODIS-derived sea ice albedo in the Bohai Sea, China. Journal of Geophysical Research: Oceans, 2016, 121, 3450-3464.	1.0	1
24	Modeling of circulation in the Arabian Gulf and the Sea of Oman: Skill assessment and seasonal thermohaline structure. Journal of Geophysical Research: Oceans, 2016, 121, 1700-1720.	1.0	56
25	Analysis of the spatio-temporal variability of seawater quality in the southeastern Arabian Gulf. Marine Pollution Bulletin, 2016, 106, 127-138.	2.3	21
26	Characterization of harmful algal blooms (HABs) in the Arabian Gulf and the Sea of Oman using MERIS fluorescence data. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 101, 125-136.	4.9	49
27	Satellite-Based Tracking of Oil Pollution in the Arabian Gulf and the Sea of Oman. Canadian Journal of Remote Sensing, 2015, 41, 113-125.	1.1	35
28	Remote sensing of red tide in the Arabian Gulf. , 2014, , .		0
29	Exploring the potential of optical remote sensing for oil spill detection in shallow coastal waters-a case study in the Arabian Gulf. Optics Express, 2014, 22, 13755.	1.7	86
30	Monitoring red tide with satellite imagery and numerical models: A case study in the Arabian Gulf. Marine Pollution Bulletin, 2014, 79, 305-313.	2.3	78
31	Assessment of satellite-derived diffuse attenuation coefficients and euphotic depths in south Florida coastal waters. Remote Sensing of Environment, 2013, 131, 38-50.	4.6	62
32	Three-dimensional structure of a Karenia brevis bloom: Observations from gliders, satellites, and field measurements. Harmful Algae, 2013, 29, 22-30.	2.2	25
33	Satellite-Observed Black Water Events off Southwest Florida: Implications for Coral Reef Health in the Florida Keys National Marine Sanctuary. Remote Sensing, 2013, 5, 415-431.	1.8	26
34	First attempt to derive chlorophyll-a natural fluorescence in Northern South China Sea. Remote Sensing Letters, 2012, 3, 249-258.	0.6	5
35	Did the northeastern Gulf of Mexico become greener after the Deepwater Horizon oil spill?. Geophysical Research Letters, 2011, 38, .	1.5	117
36	Variation of particulate organic carbon and its relationship with bio-optical properties during a phytoplankton bloom in the Pearl River estuary. Marine Pollution Bulletin, 2011, 62, 1939-1947.	2.3	31

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37	The variations in optical properties of CDOM throughout an algal bloom event. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 82, 225-232.	0.9	41
38	Measuring natural phytoplankton fluorescence and biomass: A case study of algal bloom in the Pearl River estuary. <i>Marine Pollution Bulletin</i> , 2008, 56, 1795-1801.	2.3	23