

The NIR-SWIR combined atmospheric correction approach processing

Optics Express

15, 15722

DOI: [10.1364/oe.15.015722](https://doi.org/10.1364/oe.15.015722)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Stormwater plume detection by MODIS imagery in the southern California coastal ocean. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 141-152.	0.9	64
2	Untangling the make-up of the NIR reflectance peak in coastal waters and its impact on remote sensing retrievals of [Chl] and fluorescence height algorithms. , 2008, , .		1
3	An assessment of the black ocean pixel assumption for MODIS SWIR bands. <i>Remote Sensing of Environment</i> , 2009, 113, 1587-1597.	4.6	157
4	Evaluation of MODIS SWIR and NIR-SWIR atmospheric correction algorithms using SeaBASS data. <i>Remote Sensing of Environment</i> , 2009, 113, 635-644.	4.6	268
5	Retrieval of diffuse attenuation coefficient in the Chesapeake Bay and turbid ocean regions for satellite ocean color applications. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	191
6	Green macroalgae blooms in the Yellow Sea during the spring and summer of 2008. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	105
7	Detection of Ice and Mixed Iceâ€“Water Pixels for MODIS Ocean Color Data Processing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009, 47, 2510-2518.	2.7	37
8	Satellite observation and model simulation of water turbidity in the Chesapeake Bay. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
9	Spatial extent of riverine flood plumes and exposure of marine ecosystems in the Tully coastal region, Great Barrier Reef. <i>Marine and Freshwater Research</i> , 2009, 60, 1109.	0.7	98
10	NASA satellite monitoring of water clarity in Mobile Bay for nutrient criteria development. , 2009, , .		0
11	Atmospheric correction of HJ-1A/B CCD images over Chinese coastal waters using MODIS-Terra aerosol data. <i>Science China Technological Sciences</i> , 2010, 53, 191-195.	2.0	15
12	Importance of wave-induced bed liquefaction in the fine sediment budget of Cleveland Bay, Great Barrier Reef. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 89, 154-162.	0.9	100
13	Evaluation of shortwave infrared atmospheric correction for ocean color remote sensing of Chesapeake Bay. <i>Remote Sensing of Environment</i> , 2010, 114, 2238-2247.	4.6	83
14	Aerosol Optical Depth of MODIS Imagery over Bright Coastal Water: A Regression Technique. <i>Modern Applied Science</i> , 2010, 4, .	0.4	1
15	The Coastcolour project regional algorithm round robin exercise. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
16	Modification of SeaDAS SWIR atmospheric correction scheme for accurate retrieval of NIR remote sensing reflectance in the river delta regions of the world. , 2010, , .		0
17	An atmospheric correction algorithm for hyperspectral imagery of lake water by Chinese satellite HJ-1A. , 2010, , .		2
18	Characterization of global ocean turbidity from Moderate Resolution Imaging Spectroradiometer ocean color observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	74

#	ARTICLE	IF	CITATIONS
19	Algorithms for remote estimation of chlorophyll-a in coastal and inland waters using red and near infrared bands. Optics Express, 2010, 18, 24109.	1.7	283
20	Near-Real-Time Ocean Color Data Processing Using Ancillary Data From the Global Forecast System Model. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 1485-1495.	2.7	18
21	Satellite observations of optical and biological properties in the Korean dump site of the Yellow Sea. Remote Sensing of Environment, 2011, 115, 562-572.	4.6	36
22	Ocean sand ridge signatures in the Bohai Sea observed by satellite ocean color and synthetic aperture radar measurements. Remote Sensing of Environment, 2011, 115, 1926-1934.	4.6	36
23	Retrieving water-leaving reflectance from HJ1 CCD imagery aided by MODIS product. , 2011, , .		0
24	Satellite observations of environmental changes from the Tonga volcano eruption in the southern tropical Pacific. International Journal of Remote Sensing, 2011, 32, 5785-5796.	1.3	9
25	Spring-neap tidal effects on satellite ocean color observations in the Bohai Sea, Yellow Sea, and East China Sea. Journal of Geophysical Research, 2011, 116, .	3.3	58
26	A simple, binary classification algorithm for the detection of <i>Trichodesmium</i> spp. within the Great Barrier Reef using MODIS imagery. Limnology and Oceanography: Methods, 2011, 9, 50-66.	1.0	32
27	CAAS: an atmospheric correction algorithm for the remote sensing of complex waters. Annales Geophysicae, 2012, 30, 203-220.	0.6	31
28	Atmospheric correction using near-infrared bands for satellite ocean color data processing in the turbid western Pacific region. Optics Express, 2012, 20, 741.	1.7	98
29	Atmospheric correction of satellite ocean color imagery using the ultraviolet wavelength for highly turbid waters. Optics Express, 2012, 20, 20754.	1.7	104
30	Atmospheric correction of ENVISAT/MERIS data over case II waters: the use of black pixel assumption in oxygen and water vapour absorption bands. International Journal of Remote Sensing, 2012, 33, 3713-3732.	1.3	1
31	Characterization of turbidity in Florida's Lake Okeechobee and Caloosahatchee and St. Lucie Estuaries using MODIS-Aqua measurements. Water Research, 2012, 46, 5410-5422.	5.3	46
32	Sensor Noise Effects of the SWIR Bands on MODIS-Derived Ocean Color Products. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3280-3292.	2.7	47
33	In situ evidence of non-zero reflectance in the OLCI 1020 nm band for a turbid estuary. Remote Sensing of Environment, 2012, 120, 133-144.	4.6	55
34	The development of a new optical total suspended matter algorithm for the Chesapeake Bay. Remote Sensing of Environment, 2012, 119, 243-254.	4.6	93
35	Water properties in Chesapeake Bay from MODIS-Aqua measurements. Remote Sensing of Environment, 2012, 123, 163-174.	4.6	80
36	Seasonal variability of turbid river plumes off central Chile based on high-resolution MODIS imagery. Remote Sensing of Environment, 2012, 123, 220-233.	4.6	93

#	ARTICLE	IF	CITATIONS
37	Evaluation of atmospheric correction using bi-temporal hyperspectral images. <i>Israel Journal of Plant Sciences</i> , 2012, 60, 253-263.	0.3	3
38	Human induced turbidity changes in Poyang Lake between 2000 and 2010: Observations from MODIS. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	116
39	Satellite views of the Bohai Sea, Yellow Sea, and East China Sea. <i>Progress in Oceanography</i> , 2012, 104, 30-45.	1.5	123
40	Mapping the pollutants in surface riverine flood plume waters in the Great Barrier Reef, Australia. <i>Marine Pollution Bulletin</i> , 2012, 65, 224-235.	2.3	126
41	Automated ocean color product validation for the Southern California Bight. , 2012, , .		1
43	Development of atmospheric correction algorithm for Geostationary Ocean Color Imager (GOCI). <i>Ocean Science Journal</i> , 2012, 47, 247-259.	0.6	100
44	Assessment of GOCI radiometric products using MERIS, MODIS and field measurements. <i>Ocean Science Journal</i> , 2012, 47, 287-311.	0.6	22
45	Optical characterisation of suspended particles in the Mackenzie River plume (Canadian Arctic Ocean) and implications for ocean colour remote sensing. <i>Biogeosciences</i> , 2012, 9, 3213-3229.	1.3	83
46	Satellite observations of the partial pressure of carbon dioxide in the surface water of the Huanghai Sea and the Bohai Sea. <i>Acta Oceanologica Sinica</i> , 2012, 31, 67-73.	0.4	10
47	Assessment of total suspended sediment concentrations in Poyang Lake using HJ-1A/1B CCD imagery. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 295-304.	0.7	29
48	A simple method for distinguishing global Case-1 and Case-2 waters using SeaWiFS measurements. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 69, 74-87.	4.9	39
49	Sea ice properties in the Bohai Sea measured by MODIS-Aqua: 1. Satellite algorithm development. <i>Journal of Marine Systems</i> , 2012, 95, 32-40.	0.9	35
50	A novel approach to model exposure of coastal-marine ecosystems to riverine flood plumes based on remote sensing techniques. <i>Journal of Environmental Management</i> , 2013, 119, 194-207.	3.8	64
51	Evaluation of the VIIRS ocean color monitoring performance in coastal regions. <i>Remote Sensing of Environment</i> , 2013, 139, 398-414.	4.6	78
52	Inversion of suspended sediment concentration at the Hangzhou Bay based on the high-resolution satellite HJ-1A/B imagery. , 2013, , .		1
53	Evaluation of four MERIS atmospheric correction algorithms in Lake Kasumigaura, Japan. <i>International Journal of Remote Sensing</i> , 2013, 34, 8967-8985.	1.3	22
54	Tidal effects on ecosystem variability in the Chesapeake Bay from MODIS-Aqua. <i>Remote Sensing of Environment</i> , 2013, 138, 65-76.	4.6	21
55	Uncertainties of SeaWiFS and MODIS remote sensing reflectance: Implications from clear water measurements. <i>Remote Sensing of Environment</i> , 2013, 133, 168-182.	4.6	109

#	ARTICLE	IF	CITATIONS
56	Comparison of MODIS-based models for retrieving suspended particulate matter concentrations in Poyang Lake, China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 24, 63-72.	1.4	39
57	Trends of satellite derived chlorophyll-a (1997-2011) in the Bohai and Yellow Seas, China: Effects of bathymetry on seasonal and inter-annual patterns. <i>Progress in Oceanography</i> , 2013, 116, 154-166.	1.5	63
58	Combining in-situ water quality and remotely sensed data across spatial and temporal scales to measure variability in wet season chlorophyll-a: Great Barrier Reef lagoon (Queensland, Australia). <i>Ecological Processes</i> , 2013, 2, .	1.6	32
59	Evaluation of four atmospheric correction algorithms for MODIS-Aqua images over contrasted coastal waters. <i>Remote Sensing of Environment</i> , 2013, 131, 63-75.	4.6	128
60	Remote Sensing of Water Optical Property for China's Inland Lake Taihu Using the SWIR Atmospheric Correction With 1640 and 2130 nm Bands. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 2505-2516.	2.3	41
61	An algorithm to retrieve chlorophyll, dissolved organic carbon, and suspended minerals from Great Lakes satellite data. <i>Journal of Great Lakes Research</i> , 2013, 39, 14-33.	0.8	67
62	Bacterial production along a river-to-ocean continuum in central Chile: implications for organic matter cycling. <i>Aquatic Microbial Ecology</i> , 2013, 68, 195-213.	0.9	22
63	Evaluation and optimization of bio-optical inversion algorithms for remote sensing of Lake Superior's optical properties. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1696-1714.	1.0	28
64	Evaluation of chlorophyll-a remote sensing algorithms for an optically complex estuary. <i>Remote Sensing of Environment</i> , 2013, 129, 75-89.	4.6	152
65	A Review of Some Important Technical Problems in Respect of Satellite Remote Sensing of Chlorophyll-a Concentration in Coastal Waters. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 2275-2289.	2.3	60
66	A Simple Atmospheric Correction Algorithm for MODIS in Shallow Turbid Waters: A Case Study in Taihu Lake. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1825-1833.	2.3	22
67	Ocean color products from the Korean Geostationary Ocean Color Imager (GOCI). <i>Optics Express</i> , 2013, 21, 3835.	1.7	87
68	Identification of pixels with stray light and cloud shadow contaminations in the satellite ocean color data processing. <i>Applied Optics</i> , 2013, 52, 6757.	0.9	35
69	Satellite-based virtual buoy system to monitor coastal water quality. <i>Optical Engineering</i> , 2013, 53, 051402.	0.5	34
70	OSABT: An Innovative Algorithm to Detect and Characterize Ocean Surface Algal Blooms. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1879-1892.	2.3	43
71	A tidal correction model for near-infrared (NIR) reflectance over tidal flats. <i>Remote Sensing Letters</i> , 2013, 4, 833-842.	0.6	5
72	On the Accuracy of SeaWiFS Ocean Color Data Products on the West Florida Shelf. <i>Journal of Coastal Research</i> , 2013, 29, 1257.	0.1	26
73	Validation of chlorophyll- <i>a</i> concentration maps from Aqua MODIS over the Gulf of Gabes (Tunisia): comparison between MedOC3 and OC3M bio-optical algorithms. <i>International Journal of Remote Sensing</i> , 2013, 34, 7163-7177.	1.3	16

#	ARTICLE	IF	CITATIONS
74	Evaluating VIIRS ocean color products for west coast and Hawaiian waters. Proceedings of SPIE, 2013, , .	0.8	4
75	An operational model for filling the black strips of the MODIS 1640 band and application to atmospheric correction. Journal of Geophysical Research: Oceans, 2013, 118, 6006-6016.	1.0	12
76	Impacts of VIIRS SDR performance on ocean color products. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,347.	1.2	123
77	Estimating absorption coefficients of colored dissolved organic matter (CDOM) using a semi-analytical algorithm for southern Beaufort Sea waters: application to deriving concentrations of dissolved organic carbon from space. Biogeosciences, 2013, 10, 917-927.	1.3	68
78	Challenges and New Advances in Ocean Color Remote Sensing of Coastal Waters. , 0, , .		17
79	Near-€cloud aerosol properties from the 1 km resolution MODIS ocean product. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1546-1554.	1.2	16
80	Assessment of Total Suspended Sediment Distribution under Varying Tidal Conditions in Deep Bay: Initial Results from HJ-1A/1B Satellite CCD Images. Remote Sensing, 2014, 6, 9911-9929.	1.8	24
81	River runoff effect on the suspended sediment property in the upper Chesapeake Bay using MODIS observations and ROMS simulations. Journal of Geophysical Research: Oceans, 2014, 119, 8646-8661.	1.0	11
82	Simulation of Satellite Visible, Near-Infrared, and Shortwave-Infrared Measurements. Experimental Methods in the Physical Sciences, 2014, , 451-488.	0.1	0
83	A new approach for atmospheric correction of MODIS imagery in turbid coastal waters: a case study for the Pearl River Estuary. Remote Sensing Letters, 2014, 5, 249-257.	0.6	21
84	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
85	Biophysical Applications of Satellite Remote Sensing. Springer Remote Sensing/photogrammetry, 2014, , .	0.4	16
86	Improved near-infrared ocean reflectance correction algorithm for satellite ocean color data processing. Optics Express, 2014, 22, 21657.	1.7	68
87	Using MODIS data for mapping of water types within river plumes in the Great Barrier Reef, Australia: Towards the production of river plume risk maps for reef and seagrass ecosystems. Journal of Environmental Management, 2014, 137, 163-177.	3.8	37
88	Deriving remote sensing reflectance from turbid Case II waters using green-shortwave infrared bands based model. Advances in Space Research, 2014, 53, 1229-1238.	1.2	7
89	Monitoring rangeland ground cover vegetation using multitemporal MODIS data. Arabian Journal of Geosciences, 2014, 7, 287-298.	0.6	21
90	Retrieval of the seawater reflectance for suspended solids monitoring in the East China Sea using MODIS, MERIS and GOCI satellite data. Remote Sensing of Environment, 2014, 146, 36-48.	4.6	73
91	Satellite-measured net primary production in the Chesapeake Bay. Remote Sensing of Environment, 2014, 144, 109-119.	4.6	34

#	ARTICLE	IF	CITATIONS
92	Long-term hydrological changes of the Aral Sea observed by satellites. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3313-3326.	1.0	38
93	A novel method for estimation of aerosol radiance and its extrapolation in the atmospheric correction of satellite data over optically complex oceanic waters. <i>Remote Sensing of Environment</i> , 2014, 142, 188-206.	4.6	42
94	Use of Landsat data to track historical water quality changes in Florida Keys marine environments. <i>Remote Sensing of Environment</i> , 2014, 140, 485-496.	4.6	51
95	Influence of the Three Gorges Dam on total suspended matters in the Yangtze Estuary and its adjacent coastal waters: Observations from MODIS. <i>Remote Sensing of Environment</i> , 2014, 140, 779-788.	4.6	151
96	Assessment of satellite ocean color products of MERIS, MODIS and SeaWiFS along the East China Coast (in the Yellow Sea and East China Sea). <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 87, 137-151.	4.9	44
97	An Improved SWIR Atmospheric Correction Model: A Cross-Calibration-Based Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 3959-3967.	2.7	8
98	An Efficient Approach for VIIRS RDR to SDR Data Processing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 2037-2041.	1.4	4
99	Remote sensing of the El Hierro submarine volcanic eruption plume. <i>International Journal of Remote Sensing</i> , 2014, 35, 6573-6598.	1.3	16
100	Evaluation of the NIR-SWIR atmospheric correction algorithm for MODIS-Aqua over the Eastern China Seas. <i>International Journal of Remote Sensing</i> , 2014, 35, 4239-4251.	1.3	15
101	Optimizing a remotely sensed proxy for plankton biomass in Lake Kivu. <i>International Journal of Remote Sensing</i> , 2014, 35, 5219-5238.	1.3	2
102	Remote sensing of suspended particulate matter in turbid oyster farming ecosystems. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7277-7294.	1.0	45
103	Atmospheric correction based on inherent optical properties of sea water at NIR wavelengths combined with an automated aerosol spectra determination (ASD) technique. <i>International Journal of Remote Sensing</i> , 2014, 35, 3631-3650.	1.3	0
104	On-orbit radiometric characterization of OLI (Landsat-8) for applications in aquatic remote sensing. <i>Remote Sensing of Environment</i> , 2014, 154, 272-284.	4.6	229
105	On Orbit Calibration of Ocean Color Reflective Solar Bands. <i>Experimental Methods in the Physical Sciences</i> , 2014, , 121-152.	0.1	1
106	Estimating the marine signal in the near infrared for atmospheric correction of satellite ocean-color imagery over turbid waters. , 2014, , .		0
107	Observations of ocean diurnal variations from the Korean geostationary ocean color imager (GOCI). <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
108	MODIS surface reflectance product (MOD09) validation for typical inland waters in China. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
109	An inversion model based on salinity and remote sensing reflectance for estimating the phytoplankton absorption coefficient in the Saint Lawrence Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6958-6970.	1.0	3

#	ARTICLE	IF	CITATIONS
110	Decadal changes of water properties in the Aral Sea observed by MODIS-Aqua. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4687-4708.	1.0	10
111	A 50 % increase in the mass of terrestrial particles delivered by the Mackenzie River into the Beaufort Sea (Canadian Arctic Ocean) over the last 10 years. <i>Biogeosciences</i> , 2015, 12, 3551-3565.	1.3	51
112	Long-Term Distribution Patterns of Chlorophyll-a Concentration in China's Largest Freshwater Lake: MERIS Full-Resolution Observations with a Practical Approach. <i>Remote Sensing</i> , 2015, 7, 275-299.	1.8	77
113	Remote Sensing Observation of Particulate Organic Carbon in the Pearl River Estuary. <i>Remote Sensing</i> , 2015, 7, 8683-8704.	1.8	41
114	Modified optical remote sensing algorithms for the Pearl River Estuary. <i>Frontiers of Earth Science</i> , 2015, 9, 732-741.	0.9	1
115	Three decades of ocean-color remote-sensing <i>Trichodesmium</i> spp. in the World's oceans: A review. <i>Progress in Oceanography</i> , 2015, 131, 177-199.	1.5	47
116	Statistical model development and estimation of suspended particulate matter concentrations with Landsat 8 OLI images of Dongting Lake, China. <i>International Journal of Remote Sensing</i> , 2015, 36, 343-360.	1.3	42
117	Estimating oceanic primary productivity from ocean color remote sensing: A strategic assessment. <i>Journal of Marine Systems</i> , 2015, 149, 50-59.	0.9	98
118	Aquatic color radiometry remote sensing of coastal and inland waters: Challenges and recommendations for future satellite missions. <i>Remote Sensing of Environment</i> , 2015, 160, 15-30.	4.6	254
119	On the consistency of HJ-1A CCD1 and Terra/MODIS measurements for improved spatio-temporal monitoring of inland water: a case in Poyang Lake. <i>Remote Sensing Letters</i> , 2015, 6, 351-359.	0.6	10
120	Spatial and Temporal Patterns in the Seasonal Distribution of Toxic Cyanobacteria in Western Lake Erie from 2002-2014. <i>Toxins</i> , 2015, 7, 1649-1663.	1.5	115
121	A SWIR based algorithm to retrieve total suspended matter in extremely turbid waters. <i>Remote Sensing of Environment</i> , 2015, 168, 66-79.	4.6	80
122	An improved cloud masking algorithm for MODIS ocean colour data processing. <i>Remote Sensing Letters</i> , 2015, 6, 218-227.	0.6	7
123	Improved capabilities of the Chinese high-resolution remote sensing satellite GF-1 for monitoring suspended particulate matter (SPM) in inland waters: Radiometric and spatial considerations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 106, 145-156.	4.9	81
124	Bering Sea optical and biological properties from MODIS. <i>Remote Sensing of Environment</i> , 2015, 163, 240-252.	4.6	4
125	Diffuse attenuation coefficient of the photosynthetically available radiation $K_d(\text{PAR})$ for global open ocean and coastal waters. <i>Remote Sensing of Environment</i> , 2015, 159, 250-258.	4.6	54
126	Remote Sensing-Based Study on the Temporal Variations in Chlorophyll-a Concentration After Confo Oil Spill in Bohai Sea. <i>Journal of the Indian Society of Remote Sensing</i> , 2015, 43, 133-142.	1.2	5
127	Advantages of high quality SWIR bands for ocean colour processing: Examples from Landsat-8. <i>Remote Sensing of Environment</i> , 2015, 161, 89-106.	4.6	248

#	ARTICLE	IF	CITATIONS
128	Technique for monitoring performance of VIIRS reflective solar bands for ocean color data processing. Optics Express, 2015, 23, 14446.	1.7	11
129	Vicarious calibration of the Geostationary Ocean Color Imager. Optics Express, 2015, 23, 23236.	1.7	30
130	Retrieval of phytoplankton and colored detrital matter absorption coefficients with remote sensing reflectance in an ultraviolet band. Applied Optics, 2015, 54, 636.	0.9	15
131	Updates to the on-orbit calibration of SNPP VIIRS for ocean color applications. Proceedings of SPIE, 2015, , .	0.8	5
132	Atmospheric correction for Landsat 8 over case 2 waters. Proceedings of SPIE, 2015, , .	0.8	1
133	On-orbit characterization of the VIIRS solar diffuser and solar diffuser screen. Applied Optics, 2015, 54, 236.	0.9	36
134	A Multiplatform Approach Using MODIS Sensors to Cross-Calibrate the HJ-1A/CCD1 Sensors Over Aquatic Environments. Journal of the Indian Society of Remote Sensing, 2015, 43, 687-695.	1.2	0
135	Combining Landsat TM/ETM+ and HJ-1 A/B CCD Sensors for Monitoring Coastal Water Quality in Hong Kong. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1898-1902.	1.4	28
136	Habitat and water quality variables as predictors of community composition in an Indonesian coral reef: a multi-taxon study in the Spermonde Archipelago. Science of the Total Environment, 2015, 537, 139-151.	3.9	43
137	On-orbit calibration of Visible Infrared Imaging Radiometer Suite reflective solar bands and its challenges using a solar diffuser. Applied Optics, 2015, 54, 7210.	2.1	42
138	MODIS-Based Radiometric Color Extraction and Classification of Inland Water With the Forel-Ulle Scale: A Case Study of Lake Taihu. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 907-918.	2.3	56
139	Time-series analysis of Landsat-MSS/TM/OLI images over Amazonian waters impacted by gold mining activities. Remote Sensing of Environment, 2015, 157, 170-184.	4.6	152
140	On the Potential of Robust Satellite Techniques Approach for SPM Monitoring in Coastal Waters: Implementation and Application over the Basilicata Ionian Coastal Waters Using MODIS's Aqua. Remote Sensing, 2016, 8, 922.	1.8	16
141	Remote Sensing and Ocean Color. , 2016, , 141-183.		3
142	MODIS-Based Mapping of Secchi Disk Depth Using a Qualitative Algorithm in the Shallow Arabian Gulf. Remote Sensing, 2016, 8, 423.	1.8	21
143	Sensor Capability and Atmospheric Correction in Ocean Colour Remote Sensing. Remote Sensing, 2016, 8, 1.	1.8	463
144	Ocean colour opportunities from Meteosat Second and Third Generation geostationary platforms. Ocean Science, 2016, 12, 703-713.	1.3	10
145	VIIRS Reflective Solar Bands Calibration Progress and Its Impact on Ocean Color Products. Remote Sensing, 2016, 8, 194.	1.8	37

#	ARTICLE	IF	CITATIONS
146	Potential of High Spatial and Temporal Ocean Color Satellite Data to Study the Dynamics of Suspended Particles in a Micro-Tidal River Plume. <i>Remote Sensing</i> , 2016, 8, 245.	1.8	53
147	Spectral Classification of the Yellow Sea and Implications for Coastal Ocean Color Remote Sensing. <i>Remote Sensing</i> , 2016, 8, 321.	1.8	26
148	MOD2SEA: A Coupled Atmosphere-Hydro-Optical Model for the Retrieval of Chlorophyll-a from Remote Sensing Observations in Complex Turbid Waters. <i>Remote Sensing</i> , 2016, 8, 722.	1.8	17
149	A MODIS-Based Retrieval Model of Suspended Particulate Matter Concentration for the Two Largest Freshwater Lakes in China. <i>Sustainability</i> , 2016, 8, 832.	1.6	7
150	SWIR-based atmospheric correction for Satellite Ocean Color using Principal Component Analysis decomposition over the la Plata River highly turbid waters. , 2016, , .		1
151	Optics of the offshore Columbia River plume from glider observations and satellite imagery. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 2367-2384.	1.0	24
152	A simple correction method for the MODIS surface reflectance product over typical inland waters in China. <i>International Journal of Remote Sensing</i> , 2016, 37, 6076-6096.	1.3	45
153	An improved algorithm for retrieval of aerosol optical properties over the Yellow Sea from Geostationary Ocean Color Imager. , 2016, , .		0
154	Assessment of remotely sensed chlorophyll- a concentration in Guanabara Bay, Brazil. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 026003.	0.6	27
155	Retrieval of the diffuse attenuation coefficient from GOCI images using the 2SeaColor model: A case study in the Yangtze Estuary. <i>Remote Sensing of Environment</i> , 2016, 175, 109-119.	4.6	22
156	MODIS observations of water color of the largest 10 lakes in China between 2000 and 2012. <i>International Journal of Digital Earth</i> , 2016, 9, 788-805.	1.6	38
157	Challenges for mapping cyanotoxin patterns from remote sensing of cyanobacteria. <i>Harmful Algae</i> , 2016, 54, 160-173.	2.2	128
158	Improved water quality retrieval by identifying optically unique water classes. <i>Journal of Hydrology</i> , 2016, 541, 1119-1132.	2.3	23
159	Analysis of ocean diurnal variations from the Korean Geostationary Ocean Color Imager measurements using the DINEOF method. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 230-241.	0.9	27
160	Seasonal and inter-annual turbidity variability in the Río de la Plata from 15 years of MODIS: El Niño dilution effect. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 27-39.	0.9	62
161	Fundão Dam collapse: Oceanic dispersion of River Doce after the greatest Brazilian environmental accident. <i>Marine Pollution Bulletin</i> , 2016, 112, 359-364.	2.3	118
162	Degradation nonuniformity in the solar diffuser bidirectional reflectance distribution function. <i>Applied Optics</i> , 2016, 55, 6001.	2.1	37
163	A new algorithm for discriminating water sources from space: A case study for the southern Beaufort Sea using MODIS ocean color and SMOS salinity data. <i>Remote Sensing of Environment</i> , 2016, 184, 124-138.	4.6	29

#	ARTICLE	IF	CITATIONS
164	NIR- and SWIR-based on-orbit vicarious calibrations for satellite ocean color sensors. <i>Optics Express</i> , 2016, 24, 20437.	1.7	42
165	Satellite-measured interannual variability of turbid river plumes off central-southern Chile: Spatial patterns and the influence of climate variability. <i>Progress in Oceanography</i> , 2016, 146, 212-222.	1.5	53
166	Retrieval of total suspended matter concentration from Gaofen-1 Wide Field Imager (WFI) multispectral imagery with the assistance of Terra MODIS in turbid water "case in Deep Bay. <i>International Journal of Remote Sensing</i> , 2016, 37, 3400-3413.	1.3	17
167	VIIRS-derived chlorophyll-a using the ocean color index method. <i>Remote Sensing of Environment</i> , 2016, 182, 141-149.	4.6	84
168	Estimation of water turbidity and analysis of its spatio-temporal variability in the Danube River plume (Black Sea) using MODIS satellite data. <i>Continental Shelf Research</i> , 2016, 112, 14-30.	0.9	52
169	Developments in Earth observation for the assessment and monitoring of inland, transitional, coastal and shelf-sea waters. <i>Science of the Total Environment</i> , 2016, 572, 1307-1321.	3.9	114
170	On the modeling of hyperspectral remote-sensing reflectance of high-sediment-load waters in the visible to shortwave-infrared domain. <i>Applied Optics</i> , 2016, 55, 1738.	2.1	32
171	Long-term analysis of turbidity patterns in Danube Delta coastal area based on MODIS satellite data. <i>Journal of Marine Systems</i> , 2017, 170, 10-21.	0.9	27
172	Atmospheric correction of hyperspectral airborne GCAS measurements over the Louisiana Shelf using a cloud shadow approach. <i>International Journal of Remote Sensing</i> , 2017, 38, 1162-1179.	1.3	4
173	Wind-driven upwelling and surface chlorophyll blooms in Greater Cook Strait. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 465-489.	0.8	32
174	Assessment of Radiometric Data from a Buoy in the St. Lawrence Estuary. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 877-896.	0.5	9
175	Using Landsat to extend the historical record of lacustrine phytoplankton blooms: A Lake Erie case study. <i>Remote Sensing of Environment</i> , 2017, 191, 273-285.	4.6	88
176	MODIS observations of cyanobacterial risks in a eutrophic lake: Implications for long-term safety evaluation in drinking-water source. <i>Water Research</i> , 2017, 122, 455-470.	5.3	107
177	Land adjacency effects on MODIS Aqua top-of-atmosphere radiance in the shortwave infrared: Statistical assessment and correction. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4802-4818.	1.0	45
178	Recovering low quality MODIS-Terra data over highly turbid waters through noise reduction and regional vicarious calibration adjustment: A case study in Taihu Lake. <i>Remote Sensing of Environment</i> , 2017, 197, 72-84.	4.6	30
179	Coastal and inland water monitoring using a portable hyperspectral laser fluorometer. <i>Marine Pollution Bulletin</i> , 2017, 119, 153-161.	2.3	5
180	Requirement of minimal signal-to-noise ratios of ocean color sensors and uncertainties of ocean color products. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2595-2611.	1.0	47
181	Remote estimation of biomass of <i>Ulva prolifera</i> macroalgae in the Yellow Sea. <i>Remote Sensing of Environment</i> , 2017, 192, 217-227.	4.6	108

#	ARTICLE	IF	CITATIONS
182	Fifteen-year monitoring of the turbidity dynamics in large lakes and reservoirs in the middle and lower basin of the Yangtze River, China. <i>Remote Sensing of Environment</i> , 2017, 190, 107-121.	4.6	166
183	Application of a generalized additive model (GAM) for estimating chlorophyll- <i>a</i> concentration from MODIS data in the Bohai and Yellow Seas, China. <i>International Journal of Remote Sensing</i> , 2017, 38, 639-661.	1.3	22
184	Characterization of Particle Backscattering of Global Highly Turbid Waters From VIIRS Ocean Color Observations. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9255-9275.	1.0	16
185	Sentinel-2 MultiSpectral Instrument (MSI) data processing for aquatic science applications: Demonstrations and validations. <i>Remote Sensing of Environment</i> , 2017, 201, 47-56.	4.6	205
186	Improved atmospheric correction and chlorophyll- <i>a</i> remote sensing models for turbid waters in a dusty environment. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 133, 46-60.	4.9	23
187	Radiometric validation of atmospheric correction for MERIS in the Baltic Sea based on continuous observations from ships and AERONET-OC. <i>Remote Sensing of Environment</i> , 2017, 200, 263-280.	4.6	44
188	Satellite and Aircraft Remote Sensing. , 0, , 316-344.		0
189	Uncertainties and applications of satellite-derived coastal water quality products. <i>Progress in Oceanography</i> , 2017, 159, 45-72.	1.5	74
190	A Hybrid EOF Algorithm to Improve MODIS Cyanobacteria Phycocyanin Data Quality in a Highly Turbid Lake: Bloom and Nonbloom Condition. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 4430-4444.	2.3	19
191	Atmospheric correction over coastal waters using multilayer neural networks. <i>Remote Sensing of Environment</i> , 2017, 199, 218-240.	4.6	103
192	Atmospheric Correction of Landsat-8/OLI Imagery in Turbid Estuarine Waters: A Case Study for the Pearl River Estuary. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 252-261.	2.3	14
193	VHR GeoEye-1 imagery reveals an ancient water landscape at the Longcheng site, northern Chaohu Lake Basin (China). <i>International Journal of Digital Earth</i> , 2017, 10, 139-154.	1.6	18
194	Ice Detection for Satellite Ocean Color Data Processing in the Great Lakes. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 6793-6804.	2.7	6
195	Atmospheric correction of OLCI imagery over very turbid waters based on the RED/NIR/SWIR bands. , 2017, , .		1
196	Specificity of Atmospheric Correction of Satellite Data on Ocean Color in the Far East. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 996-1006.	0.2	7
197	Water-leaving contribution to polarized radiation field over ocean. <i>Optics Express</i> , 2017, 25, A689.	1.7	30
198	Estimation of chlorophyll concentration in waters near Hokkaido using the linear combination method. <i>Optics Express</i> , 2017, 25, A963.	1.7	1
199	Atmospheric correction for retrieving ground brightness temperature at commonly-used passive microwave frequencies. <i>Optics Express</i> , 2017, 25, A36.	1.7	15

#	ARTICLE	IF	CITATIONS
200	Revisiting short-wave-infrared (SWIR) bands for atmospheric correction in coastal waters. <i>Optics Express</i> , 2017, 25, 6015.	1.7	58
201	A MODIS-Based Novel Method to Distinguish Surface Cyanobacterial Scums and Aquatic Macrophytes in Lake Taihu. <i>Remote Sensing</i> , 2017, 9, 133.	1.8	64
202	Turbidity in Apalachicola Bay, Florida from Landsat 5 TM and Field Data: Seasonal Patterns and Response to Extreme Events. <i>Remote Sensing</i> , 2017, 9, 367.	1.8	28
203	An Optical Classification Tool for Global Lake Waters. <i>Remote Sensing</i> , 2017, 9, 420.	1.8	59
204	Satellites-Based Monitoring of Harmful Algal Blooms for Sustainable Desalination. , 2017, , 341-366.		2
205	Satellite Remote Sensing of Drinking Water Intakes in Lake Erie for Cyanobacteria Population Using Two MODIS-Based Indicators as a Potential Tool for Toxin Tracking. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	21
206	Simplifying Regional Tuning of MODIS Algorithms for Monitoring Chlorophyll-a in Coastal Waters. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	11
207	Influence of main forcing affecting the Tagus turbid plume under high river discharges using MODIS imagery. <i>PLoS ONE</i> , 2017, 12, e0187036.	1.1	16
208	Water Quality Seasonal Variability (2000 to 2015) in Yangtze River Estuary and Its Adjacent Coastal Area. <i>Journal of Remote Sensing & GIS</i> , 2017, 06, .	0.3	0
209	Vertical segregation among pathways mediating nitrogen loss (N ₂ and N ₂ O) Tj ETQq1 1 0.784314 rgBT /Over 4795-4813.	1.3	28
210	Atmospheric Correction of Hyperspectral GCAS Airborne Measurements Over the North Atlantic Ocean and Louisiana Shelf. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 168-179.	2.7	4
211	A modern robust approach to remotely estimate chlorophyll in coastal and inland zones. <i>Advances in Space Research</i> , 2018, 61, 2491-2509.	1.2	13
212	Can MODIS Land Reflectance Products be Used for Estuarine and Inland Waters?. <i>Water Resources Research</i> , 2018, 54, 3583-3601.	1.7	20
213	Detecting phytoplankton diatom fraction based on the spectral shape of satellite-derived algal light absorption coefficient. <i>Limnology and Oceanography</i> , 2018, 63, S85.	1.6	7
214	Evaluation of satellite-derived MODIS chlorophyll algorithms in the northern Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 149, 124-137.	0.6	10
215	VIIRS-derived ocean color product using the imaging bands. <i>Remote Sensing of Environment</i> , 2018, 206, 275-286.	4.6	24
216	Simultaneous determination of aerosol optical thickness and water-leaving radiance from multispectral measurements in coastal waters. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3865-3884.	1.9	9
217	On the detectability of adjacency effects in ocean color remote sensing of mid-latitude coastal environments by SeaWiFS, MODIS-A, MERIS, OLCI, OLI and MSI. <i>Remote Sensing of Environment</i> , 2018, 209, 423-438.	4.6	65

#	ARTICLE	IF	CITATIONS
218	Diurnal changes of remote sensing reflectance over Chesapeake Bay: Observations from the Airborne Compact Atmospheric Mapper. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 200, 181-193.	0.9	2
219	Sunglint correction of the Multi-Spectral Instrument (MSI)-SENTINEL-2 imagery over inland and sea waters from SWIR bands. <i>Remote Sensing of Environment</i> , 2018, 204, 308-321.	4.6	102
221	Satellite Observations of Cloud-Related Variations in Aerosol Properties. <i>Atmosphere</i> , 2018, 9, 430.	1.0	18
222	JPSS VIIRS Ocean Color Products and Applications. , 2018, , .		1
223	Evaluating Remote Sensing Model Specification Methods for Estimating Water Quality in Optically Diverse Lakes throughout the Growing Season. <i>Hydrology</i> , 2018, 5, 62.	1.3	15
224	Radiometric Cross-Calibration of Tiangong-2 MWI Visible/NIR Channels over Aquatic Environments using MODIS. <i>Remote Sensing</i> , 2018, 10, 1803.	1.8	6
225	Improved MODIS-Aqua Chlorophyll-a Retrievals in the Turbid Semi-Enclosed Ariake Bay, Japan. <i>Remote Sensing</i> , 2018, 10, 1335.	1.8	18
226	Radiation Transfer in the Ocean and Ocean Color. , 2018, , 43-78.		1
227	Remote sensing of <i>Trichodesmium</i> spp. mats in the western tropical South Pacific. <i>Biogeosciences</i> , 2018, 15, 5203-5219.	1.3	9
228	Remote Sensing of Lakes™ Water Environment. , 2018, , 249-277.		5
229	Exploring the potential of Rayleigh-corrected reflectance in coastal and inland water applications: A simple aerosol correction method and its merits. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 146, 52-64.	4.9	39
230	Trophic state assessment of global inland waters using a MODIS-derived Forel-Ule index. <i>Remote Sensing of Environment</i> , 2018, 217, 444-460.	4.6	195
231	Gap Filling of Missing Data for VIIRS Global Ocean Color Products Using the DINEOF Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4464-4476.	2.7	50
232	Towards an assessment of riverine dissolved organic carbon in surface waters of the western Arctic Ocean based on remote sensing and biogeochemical modeling. <i>Biogeosciences</i> , 2018, 15, 1335-1346.	1.3	17
233	Sensor performance requirements for atmospheric correction of satellite ocean color remote sensing. <i>Optics Express</i> , 2018, 26, 7390.	1.7	19
234	Retrieval of aerosol properties and water-leaving reflectance from multi-angular polarimetric measurements over coastal waters. <i>Optics Express</i> , 2018, 26, 8968.	1.7	44
235	The dynamic observation of dissolved organic matter in the Zhujiang (Pearl River) Estuary in China from space. <i>Acta Oceanologica Sinica</i> , 2018, 37, 105-117.	0.4	8
236	Comparison of two atmospheric correction approaches applied to MODIS measurements over North American waters. <i>Remote Sensing of Environment</i> , 2018, 216, 442-455.	4.6	21

#	ARTICLE	IF	CITATIONS
237	Estimation of suspended particulate matter in turbid coastal waters: application to hyperspectral satellite imagery. <i>Optics Express</i> , 2018, 26, 10476.	1.7	14
238	Use of Landsat 8 data for characterizing dynamic changes in physical and acoustical properties of coastal lagoon and estuarine waters. <i>Advances in Space Research</i> , 2018, 62, 2393-2417.	1.2	8
239	nBn extended short-wavelength infrared focal plane array. <i>Optics Letters</i> , 2018, 43, 591.	1.7	36
240	Water Quality Drivers in 11 Gulf of Mexico Estuaries. <i>Remote Sensing</i> , 2018, 10, 255.	1.8	11
241	Using High-Resolution Airborne Data to Evaluate MERIS Atmospheric Correction and Intra-Pixel Variability in Nearshore Turbid Waters. <i>Remote Sensing</i> , 2018, 10, 274.	1.8	5
242	Deriving Total Suspended Matter Concentration from the Near-Infrared-Based Inherent Optical Properties over Turbid Waters: A Case Study in Lake Taihu. <i>Remote Sensing</i> , 2018, 10, 333.	1.8	31
243	Radiometric Evaluation of SNPP VIIRS Band M11 via Sub-Kilometer Intercomparison with Aqua MODIS Band 7 over Snowy Scenes. <i>Remote Sensing</i> , 2018, 10, 413.	1.8	2
244	Inland Water Atmospheric Correction Based on Turbidity Classification Using OLCI and SLSTR Synergistic Observations. <i>Remote Sensing</i> , 2018, 10, 1002.	1.8	47
245	Remote sensing of water constituent concentrations using time series of in-situ hyperspectral measurements in the Wadden Sea. <i>Remote Sensing of Environment</i> , 2018, 216, 154-170.	4.6	14
246	Retrieval of total suspended matter concentrations from high resolution WorldView-2 imagery: a case study of inland rivers. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 121, 032036.	0.2	5
247	Performance Evaluation of On-Orbit Calibration of SNPP VIIRS Reflective Solar Bands via Intersensor Comparison with Aqua MODIS. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 385-403.	0.5	9
248	An assessment of Landsat-8 atmospheric correction schemes and remote sensing reflectance products in coral reefs and coastal turbid waters. <i>Remote Sensing of Environment</i> , 2018, 215, 18-32.	4.6	65
249	Atmospheric Correction Using the Information From the Short Blue Band. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 6224-6237.	2.7	51
250	Multiband Atmospheric Correction Algorithm for Ocean Color Retrievals. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	34
251	A blended inherent optical property algorithm for global satellite ocean color observations. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 377-394.	1.0	27
252	The NSERC Canadian Lake Pulse Network: A national assessment of lake health providing science for water management in a changing climate. <i>Science of the Total Environment</i> , 2019, 695, 133668.	3.9	68
253	A semi-analytical approach for remote sensing of trophic state in inland waters: Bio-optical mechanism and application. <i>Remote Sensing of Environment</i> , 2019, 232, 111349.	4.6	48
254	Adaptive bathymetry estimation for shallow coastal waters using Planet Dove satellites. <i>Remote Sensing of Environment</i> , 2019, 232, 111302.	4.6	84

#	ARTICLE	IF	CITATIONS
255	Atmospheric Correction of Satellite Ocean-Color Imagery During the PACE Era. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	98
256	Evaluation of Four Atmospheric Correction Algorithms for GOCI Images over the Yellow Sea. <i>Remote Sensing</i> , 2019, 11, 1631.	1.8	19
257	Modeling Atmosphere-Ocean Radiative Transfer: A PACE Mission Perspective. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	37
258	VIIRS-Derived Water Turbidity in the Great Lakes. <i>Remote Sensing</i> , 2019, 11, 1448.	1.8	15
259	Regional Vicarious Calibration of the SWIR-Based Atmospheric Correction Approach for MODIS-Aqua Measurements of Highly Turbid Inland Water. <i>Remote Sensing</i> , 2019, 11, 1670.	1.8	4
260	Retrieving Total and Inorganic Suspended Sediments in Amazon Floodplain Lakes: A Multisensor Approach. <i>Remote Sensing</i> , 2019, 11, 1744.	1.8	27
261	A unified approach to estimate land and water reflectances with uncertainties for coastal imaging spectroscopy. <i>Remote Sensing of Environment</i> , 2019, 231, 111198.	4.6	25
262	A Secchi Depth Algorithm Considering the Residual Error in Satellite Remote Sensing Reflectance Data. <i>Remote Sensing</i> , 2019, 11, 1948.	1.8	13
263	An empirical algorithm to seamlessly retrieve the concentration of suspended particulate matter from water color across ocean to turbid river mouths. <i>Remote Sensing of Environment</i> , 2019, 235, 111491.	4.6	62
264	Simple methods for satellite identification of algal blooms and species using 10-year time series data from the East China Sea. <i>Remote Sensing of Environment</i> , 2019, 235, 111484.	4.6	36
265	Coupled Biospheric Synchrony of the Coastal Temperate Ecosystem in Northern Patagonia: A Remote Sensing Analysis. <i>Remote Sensing</i> , 2019, 11, 2092.	1.8	7
266	Hyperspectral Measurements, Parameterizations, and Atmospheric Correction of Whitecaps and Foam From Visible to Shortwave Infrared for Ocean Color Remote Sensing. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	26
267	Remote sensing, isotopic composition and metagenomics analyses revealed Doce River ore plume reached the southern Abrolhos Bank Reefs. <i>Science of the Total Environment</i> , 2019, 697, 134038.	3.9	50
268	The influence of river discharge and wind on Patos Lagoon, Brazil, Suspended Particulate Matter. <i>International Journal of Remote Sensing</i> , 2019, 40, 4506-4525.	1.3	24
269	Inherent Optical Properties in Lake Taihu Derived from VIIRS Satellite Observations. <i>Remote Sensing</i> , 2019, 11, 1426.	1.8	15
270	Remote sensing of aerosol properties from multi-wavelength and multi-pixel information over the ocean. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2461-2475.	1.9	19
271	Light availability for reef-building organisms in a plume-influenced shelf. <i>Continental Shelf Research</i> , 2019, 181, 25-33.	0.9	21
272	Characterization of Suspended Particle Size Distribution in Global Highly Turbid Waters From VIIRS Measurements. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3796-3817.	1.0	14

#	ARTICLE	IF	CITATIONS
273	Determining switching threshold for NIR-SWIR combined atmospheric correction algorithm of ocean color remote sensing. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 153, 59-73.	4.9	25
274	Validation of 2015 Lake Erie MODIS image spectral decomposition using visible derivative spectroscopy and field campaign data. Journal of Great Lakes Research, 2019, 45, 466-479.	0.8	11
275	Analyzing Performances of Different Atmospheric Correction Techniques for Landsat 8: Application for Coastal Remote Sensing. Remote Sensing, 2019, 11, 469.	1.8	79
276	Filling the Gaps of Missing Data in the Merged VIIRS SNPP/NOAA-20 Ocean Color Product Using the DINEOF Method. Remote Sensing, 2019, 11, 178.	1.8	53
277	Remote sensing of spatial and temporal patterns of phytoplankton assemblages in the Bohai Sea, Yellow Sea, and east China sea. Water Research, 2019, 157, 119-133.	5.3	24
278	An improved algorithm for estimating the Secchi disk depth from remote sensing data based on the new underwater visibility theory. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 152, 13-23.	4.9	45
279	An absorption-specific approach to examining dynamics of particulate organic carbon from VIIRS observations in inland and coastal waters. Remote Sensing of Environment, 2019, 224, 29-43.	4.6	17
280	Improving Satellite Global Chlorophyll <i>a</i> Data Products Through Algorithm Refinement and Data Recovery. Journal of Geophysical Research: Oceans, 2019, 124, 1524-1543.	1.0	58
281	Performance of Landsat-8 and Sentinel-2 surface reflectance products for river remote sensing retrievals of chlorophyll-a and turbidity. Remote Sensing of Environment, 2019, 224, 104-118.	4.6	195
282	Evaluation of standard and regional satellite chlorophyll-a algorithms for moderate-resolution imaging spectroradiometer (MODIS) in the Bohai and Yellow Seas, China: a comparison of chlorophyll-a magnitude and seasonality. International Journal of Remote Sensing, 2019, 40, 4980-4995.	1.3	12
283	MeznSatâ€”A 3U CubeSat for Monitoring Greenhouse Gases Using Short Wave Infra-Red Spectrometry: Mission Concept and Analysis. Aerospace, 2019, 6, 118.	1.1	17
284	VIIRS-Derived Inherent Optical Property Data over Global Coastal and Inland Waters Using the NIR-based Approach. , 2019, , .		1
285	Fabrication of 12 μm pixel-pitch 1280 Å– 1024 extended short wavelength infrared focal plane array using heterojunction type-II superlattice-based photodetectors. Semiconductor Science and Technology, 2019, 34, 03LT01.	1.0	12
286	Monitoring and understanding the water transparency changes of fifty large lakes on the Yangtze Plain based on long-term MODIS observations. Remote Sensing of Environment, 2019, 221, 675-686.	4.6	114
287	SeaPRISM observations in the western basin of Lake Erie in the summer of 2016. Journal of Great Lakes Research, 2019, 45, 547-555.	0.8	4
288	Revisiting effectiveness of turbidity index for the switching scheme of NIR-SWIR combined ocean color atmospheric correction algorithm. International Journal of Applied Earth Observation and Geoinformation, 2019, 76, 1-9.	1.4	9
289	Validation of MODIS-Aqua bio-optical algorithms for phytoplankton absorption coefficient measurement in optically complex waters of El RincÃ³n (Argentina). Continental Shelf Research, 2019, 173, 73-86.	0.9	13
290	Mapping aerosol optical thickness and water-leaving signals using an improved NIR/SWIR switching atmospheric correction model: A case study in the Bohai Sea. International Journal of Remote Sensing, 2019, 40, 1374-1393.	1.3	0

#	ARTICLE	IF	CITATIONS
291	On the Interplay Between Ocean Color Data Quality and Data Quantity: Impacts of Quality Control Flags. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 745-749.	1.4	24
292	Remotely assessing and monitoring coastal and inland water quality in China: Progress, challenges and outlook. Critical Reviews in Environmental Science and Technology, 2020, 50, 1266-1302.	6.6	30
293	Hybrid Chlorophyll-a Algorithm for Assessing Trophic States of a Tropical Brazilian Reservoir Based on MSI/Sentinel-2 Data. Remote Sensing, 2020, 12, 40.	1.8	31
294	The impact of sea bottom effects on the retrieval of water constituent concentrations from MERIS and OLCI images in shallow tidal waters supported by radiative transfer modeling. Remote Sensing of Environment, 2020, 237, 111596.	4.6	7
295	Atmospheric Correction of GOCI Using Quasi-Synchronous VIIRS Data in Highly Turbid Coastal Waters. Remote Sensing, 2020, 12, 89.	1.8	5
296	Time Delay Evaluation on the Water-Leaving Irradiance Retrieved from Empirical Models and Satellite Imagery. Remote Sensing, 2020, 12, 87.	1.8	2
297	Application of Sentinel 3 OLCI for chl-a retrieval over small inland water targets: Successes and challenges. Remote Sensing of Environment, 2020, 237, 111562.	4.6	51
298	Monitoring cyanobacterial harmful algal blooms at high spatiotemporal resolution by fusing Landsat and MODIS imagery. Environmental Advances, 2020, 2, 100008.	2.2	8
299	Assessment of Landsat atmospheric correction methods for water color applications using global AERONET-OC data. International Journal of Applied Earth Observation and Geoinformation, 2020, 93, 102192.	1.4	14
300	Improving low-quality satellite remote sensing reflectance at blue bands over coastal and inland waters. Remote Sensing of Environment, 2020, 250, 112029.	4.6	24
301	Shallow water bathymetry with multi-spectral satellite ocean color sensors: Leveraging temporal variation in image data. Remote Sensing of Environment, 2020, 250, 112035.	4.6	31
302	Water clarity changes in 64 large alpine lakes on the Tibetan Plateau and the potential responses to lake expansion. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 170, 192-204.	4.9	15
303	Mapping of diffuse attenuation coefficient in optically complex waters of amazon floodplain lakes. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 170, 72-87.	4.9	11
304	Estimation of Phytoplankton Chlorophyll-a Concentrations in the Western Basin of Lake Erie Using Sentinel-2 and Sentinel-3 Data. Canadian Journal of Remote Sensing, 2020, 46, 585-602.	1.1	20
305	Spatio-temporal variability of suspended sediment concentrations in a shallow and turbid lagoon. Journal of Marine Systems, 2020, 212, 103454.	0.9	15
306	Empirical Relationships between Remote-Sensing Reflectance and Selected Inherent Optical Properties in Nordic Sea Surface Waters for the MODIS and OLCI Ocean Colour Sensors. Remote Sensing, 2020, 12, 2774.	1.8	8
307	Water property in high-altitude Qinghai Lake in China. Science of Remote Sensing, 2020, 2, 100012.	2.2	4
308	Diffuse Attenuation of Clear Water Tropical Reservoir: A Remote Sensing Semi-Analytical Approach. Remote Sensing, 2020, 12, 2828.	1.8	6

#	ARTICLE	IF	CITATIONS
309	Water Quality Properties Derived from VIIRS Measurements in the Great Lakes. <i>Remote Sensing</i> , 2020, 12, 1605.	1.8	10
310	MODIS-Based Remote Estimation of Absorption Coefficients of an Inland Turbid Lake in China. <i>Remote Sensing</i> , 2020, 12, 1940.	1.8	7
311	Retrieval and Validation of Water Turbidity at Metre-Scale Using PIA©iades Satellite Data: A Case Study in the Gironde Estuary. <i>Remote Sensing</i> , 2020, 12, 946.	1.8	8
312	Optical Properties Using Adaptive Selection of NIR/SWIR Reflectance Correction and Quasi-Analytic Algorithms for the MODIS-Aqua in Estuarine-Ocean Continuum: Application to the Northern Gulf of Mexico. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 6088-6105.	2.7	7
313	Remote estimation of chlorophyll a concentrations over a wide range of optical conditions based on water classification from VIIRS observations. <i>Remote Sensing of Environment</i> , 2020, 241, 111735.	4.6	37
314	Integration of in-situ and multi-sensor satellite observations for long-term water quality monitoring in coastal areas. <i>Remote Sensing of Environment</i> , 2020, 239, 111632.	4.6	54
315	Machine learning algorithms for retrievals of aerosol and ocean color products from FY-3D MERSI-II instrument. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 250, 107042.	1.1	11
316	Water properties in the La Plata River Estuary from VIIRS observations. <i>Continental Shelf Research</i> , 2020, 198, 104100.	0.9	5
317	Validation of MODIS ocean-colour products in the coastal waters of the Yellow Sea and East China Sea. <i>Acta Oceanologica Sinica</i> , 2020, 39, 91-101.	0.4	10
318	Application of Landsat 8 OLI for monitoring the coastal waters of the US Virgin Islands. <i>International Journal of Remote Sensing</i> , 2020, 41, 5743-5769.	1.3	6
319	Satellite-measured water properties in high altitude Lake Tahoe. <i>Water Research</i> , 2020, 178, 115839.	5.3	17
320	Evaluation of Atmospheric Correction Algorithms for Sentinel-2-MSI and Sentinel-3-OLCI in Highly Turbid Estuarine Waters. <i>Remote Sensing</i> , 2020, 12, 1285.	1.8	54
321	Quantification of lake clarity in China using Landsat OLI imagery data. <i>Remote Sensing of Environment</i> , 2020, 243, 111800.	4.6	74
322	Super-Resolution of VIIRS-Measured Ocean Color Products Using Deep Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 114-127.	2.7	11
323	Novel method for reconstruction of hyperspectral resolution images from multispectral data for complex coastal and inland waters. <i>Advances in Space Research</i> , 2021, 67, 266-289.	1.2	7
324	Development of a Practical Atmospheric Correction Algorithm for Inland and Nearshore Coastal Waters. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	2.7	1
325	An Improved Inherent Optical Properties Data Processing System for Residual Error Correction in Turbid Natural Waters. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 6596-6607.	2.3	6
326	Chlorophyll-a concentrations in 82 large alpine lakes on the Tibetan Plateau during 2003â€“2017: temporalâ€“spatial variations and influencing factors. <i>International Journal of Digital Earth</i> , 2021, 14, 714-735.	1.6	14

#	ARTICLE	IF	CITATIONS
327	Using Satellite Remote Sensing to Study the Effect of Sand Excavation on the Suspended Sediment in the Hong Kong-Zhuhai-Macau Bridge Region. <i>Water (Switzerland)</i> , 2021, 13, 435.	1.2	5
328	Detection of the Minute Variations of Total Suspended Matter in Strong Tidal Waters Based on GaoFen-4 Satellite Data. <i>Remote Sensing</i> , 2021, 13, 1339.	1.8	3
329	Assessing the utility of using current generation high-resolution satellites (Sentinel 2 and Landsat 8) to monitor large water supply dam in South Africa. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 22, 100521.	0.8	5
330	Atmospheric and sunglint correction for retrieving chlorophyll-a in a productive tropical estuarine-lagoon system using Sentinel-2 MSI imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 174, 215-236.	4.9	37
331	Remote sensing of CDOM and DOC in alpine lakes across the Qinghai-Tibet Plateau using Sentinel-2A imagery data. <i>Journal of Environmental Management</i> , 2021, 286, 112231.	3.8	24
332	Global land mask for satellite ocean color remote sensing. <i>Remote Sensing of Environment</i> , 2021, 257, 112356.	4.6	6
333	The features of the coastal fronts in the Eastern Guangdong coastal waters during the downwelling-favorable wind period. <i>Scientific Reports</i> , 2021, 11, 10238.	1.6	1
334	Deriving VIIRS High-Spatial Resolution Water Property Data over Coastal and Inland Waters Using Deep Convolutional Neural Network. <i>Remote Sensing</i> , 2021, 13, 1944.	1.8	0
335	Satellite-derived global chlorophyll-a anomaly products. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 97, 102288.	1.4	10
336	ACIX-Aqua: A global assessment of atmospheric correction methods for Landsat-8 and Sentinel-2 over lakes, rivers, and coastal waters. <i>Remote Sensing of Environment</i> , 2021, 258, 112366.	4.6	137
337	Remote detection of marine debris using satellite observations in the visible and near infrared spectral range: Challenges and potentials. <i>Remote Sensing of Environment</i> , 2021, 259, 112414.	4.6	52
338	AlgaeMAp: Algae Bloom Monitoring Application for Inland Waters in Latin America. <i>Remote Sensing</i> , 2021, 13, 2874.	1.8	20
339	Global Estimation of Suspended Particulate Matter From Satellite Ocean Color Imagery. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017303.	1.0	33
340	The Utility of Gordon's Standard NIR Empirical Atmospheric Correction Algorithm for Unmanned Aerial Vehicle Imagery. <i>Journal of the Indian Society of Remote Sensing</i> , 2021, 49, 2891-2901.	1.2	1
341	Iterative near-infrared atmospheric correction scheme for global coastal waters. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 179, 92-107.	4.9	10
342	A combined semi-analytical algorithm for retrieving total suspended sediment concentration from multiple missions: a case study of the China Eastern Coastal Zone. <i>International Journal of Remote Sensing</i> , 2021, 42, 8004-8033.	1.3	2
343	Satellite estimation of dissolved organic carbon in eutrophic Lake Taihu, China. <i>Remote Sensing of Environment</i> , 2021, 264, 112572.	4.6	17
344	Research on the dissipation of green tide and its influencing factors in the Yellow Sea based on Google Earth Engine. <i>Marine Pollution Bulletin</i> , 2021, 172, 112801.	2.3	19

#	ARTICLE	IF	CITATIONS
345	Atmospheric correction over coastal waters with aerosol properties constrained by multi-pixel observations. Remote Sensing of Environment, 2021, 265, 112633.	4.6	9
346	Impact of Monsoon-Transported Anthropogenic Aerosols and Sun-Glint on the Satellite-Derived Spectral Remote Sensing Reflectance in the Indian Ocean. Remote Sensing, 2021, 13, 184.	1.8	1
347	Water Optical Property of High-Altitude Lakes in the Tibetan Plateau. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	0
348	Key issues in detecting lacustrine cyanobacterial bloom using satellite remote sensing. Hupo Kexue/Journal of Lake Sciences, 2021, 33, 647-652.	0.3	11
349	Oceanic Chlorophyll-a Content. Springer Remote Sensing/photogrammetry, 2014, , 171-203.	0.4	6
350	Characterization of aerosol parameters over ocean from the Ocean Color satellite sensors and AERONET-OC data. , 2017, , .		2
351	Radiometric calibration of the Visible Infrared Imaging Radiometer Suite reflective solar bands with robust characterizations and hybrid calibration coefficients. Applied Optics, 2015, 54, 9331.	2.1	53
352	Progressive scheme for blending empirical ocean color retrievals of absorption coefficient and chlorophyll concentration from open oceans to highly turbid waters. Applied Optics, 2019, 58, 3359.	0.9	9
353	Multi-source high-resolution satellite products in Yangtze Estuary: cross-comparisons and impacts of signal-to-noise ratio and spatial resolution. Optics Express, 2019, 27, 6426.	1.7	7
354	Optimal satellite orbit configuration for global ocean color product coverage. Optics Express, 2019, 27, A445.	1.7	17
355	Atmospheric correction algorithm over coastal and inland waters based on the red and NIR bands: application to Landsat-8/OLI and VNREDSat-1/NAOMI observations. Optics Express, 2019, 27, 31676.	1.7	4
356	UV-NIR approach with non-zero water-leaving radiance approximation for atmospheric correction of satellite imagery in inland and coastal zones. Optics Express, 2019, 27, A1118.	1.7	15
357	Improved atmospheric correction algorithm for Landsat 8“OLI data in turbid waters: a case study for the Lake Taihu, China. Optics Express, 2019, 27, A1400.	1.7	9
358	Coupled approach for radiometric calibration and parameter retrieval to improve SPM estimations in turbid inland/coastal waters. Optics Express, 2020, 28, 5567.	1.7	6
359	Atmospheric correction in coastal region using same-day observations of different sun-sensor geometries with a revised POLYMER model. Optics Express, 2020, 28, 26953.	1.7	8
360	Harnessing remote sensing to address critical science questions on ocean-atmosphere interactions. Elementa, 2018, 6, .	1.1	18
361	Measuring the effects of bivalve mariculture on water quality in northern New Zealand using 15 years of MODIS-Aqua satellite observations. Aquaculture Environment Interactions, 2018, 10, 529-545.	0.7	16
362	First insights into the oceanographic characteristics of a blue whale feeding ground in northern Patagonia, Chile. Marine Ecology - Progress Series, 2016, 554, 183-199.	0.9	41

#	ARTICLE	IF	CITATIONS
363	Variability of River Plume Signature Determined Using Satellite Images. Journal of Applied Sciences, 2012, 13, 70-78.	0.1	4
364	An empirical remote sensing algorithm for retrieving total suspended matter in a large estuarine region. Scientia Marina, 2019, 83, 53.	0.3	5
365	Evaluation of Atmospheric Correction Algorithms for Landsat-8 OLI and MODIS-Aqua to Study Sediment Dynamics in the Northern Gulf of Mexico. Advances in Remote Sensing, 2018, 07, 101-124.	0.2	3
366	Material Particulado en Suspensi3n en el R3o de la Plata: importancia del r3o Bermejo en su variabilidad espacio-temporal. Revista De Teledeteccion, 2018, , 1.	0.6	4
371	Operational algae bloom detection in the Baltic Sea using GIS and AVHRR data. Baltica, 2016, 29, 3-18.	0.1	7
372	Turbid water atmospheric correction for GOCI: Modification of MUMM algorithm. Korean Journal of Remote Sensing, 2013, 29, 173-182.	0.4	14
373	A Novel Framework of Integrating UV and NIR Atmospheric Correction Algorithms for Coastal Ocean Color Remote Sensing. Remote Sensing, 2021, 13, 4206.	1.8	3
374	Patos Lagoon, Brazil, Suspended Particulate Matter (SPM) data compendium. Geoscience Data Journal, 2022, 9, 235-255.	1.8	1
375	Earth Observations. , 2010, , 17-78.		0
376	Developing a Littoral Zone Aerosol Properties Retrieval using the next generation Geo-Stationary Observations. , 2016, , .		0
377	Monitoring Water Quality with Remote Sensing Image Data. Taylor & Francis Series in Remote Sensing Applications, 2016, , 163-189.	0.0	0
378	Reflective solar bands calibration improvements and look up tables for SNPP VIIRS operational mission-long SDR reprocessing. , 2017, , .		3
379	Comparison of aerosol models from the Ocean Color satellite sensors and AERONET-OC and their impact on reflectance spectra in coastal waters. , 2018, , .		0
381	VIIRS reflective solar bands on-orbit calibration using the Moon. , 2019, , .		3
382	SNPP VIIRS reflective solar bands on-orbit calibration seven-year update: extension and improvements. , 2019, , .		1
383	Impact of ship on radiometric measurements in the field: a reappraisal via Monte Carlo simulations. Optics Express, 2020, 28, 1439.	1.7	5
384	Water clarity in Brazilian water assessed using Sentinel-2 and machine learning methods. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 182, 134-152.	4.9	42
385	Phytoplankton biomass dynamics in the Arabian Sea from VIIRS observations. Journal of Marine Systems, 2022, 227, 103670.	0.9	10

#	ARTICLE	IF	CITATIONS
386	Estimating the water-leaving albedo from ocean color. Remote Sensing of Environment, 2022, 269, 112807.	4.6	6
387	Tropical instability wave modulation of chlorophyll-a in the Equatorial Pacific. Scientific Reports, 2021, 11, 22517.	1.6	5
388	Machine Learning Based Long-Term Water Quality in the Turbid Pearl River Estuary, China. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	15
389	An ensemble neural network atmospheric correction for Sentinel-3 OLCI over coastal waters providing inherent model uncertainty estimation and sensor noise propagation. Remote Sensing of Environment, 2022, 270, 112848.	4.6	26
390	Analysis and validation of ocean color and aerosol properties over coastal regions from SGLI based on a simultaneous method. Journal of Oceanography, 2022, 78, 229-243.	0.7	4
391	Atmospheric correction for HY-1C CZI images using neural network in western Pacific region. Geo-Spatial Information Science, 2022, 25, 476-488.	2.4	4
392	The River-Sea Interaction off the Amazon Estuary. Remote Sensing, 2022, 14, 1022.	1.8	2
393	Evaluation of GOCI Remote Sensing Reflectance Spectral Quality Based on a Quality Assurance Score System in the Bohai Sea. Remote Sensing, 2022, 14, 1075.	1.8	2
394	Decadal Variation and Regulation Mechanisms of the Suspended Sediment Concentration in the Bohai Sea, China. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	17
395	Global daily gap-free ocean color products from multi-satellite measurements. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102714.	1.4	6
396	Evaluation of ACOLITE atmospheric correction methods for Landsat-8 and Sentinel-2 in the Río de la Plata turbid coastal waters. International Journal of Remote Sensing, 2022, 43, 215-240.	1.3	14
397	Rising dissolved organic carbon concentrations in coastal waters of northwestern Borneo related to tropical peatland conversion. Science Advances, 2022, 8, eabi5688.	4.7	15
398	Evaluating Atmospheric Correction Algorithms Applied to OLCI Sentinel-3 Data of Chesapeake Bay Waters. Remote Sensing, 2022, 14, 1881.	1.8	17
400	Assessment of VIIRS on the Identification of Harmful Algal Bloom Types in the Coasts of the East China Sea. Remote Sensing, 2022, 14, 2089.	1.8	3
401	Remote Estimation of Water Clarity and Suspended Particulate Matter in Qinghai Lake from 2001 to 2020 Using MODIS Images. Remote Sensing, 2022, 14, 3094.	1.8	7
402	Delineation of Eastern Beaufort Sea Sub-regions Using Self-Organizing Maps Applied to 17 Years of MODIS-Aqua Data. Frontiers in Marine Science, 0, 9, .	1.2	2
403	An Artificial Neural Network Algorithm to Retrieve Chlorophyll a for Northwest European Shelf Seas from Top of Atmosphere Ocean Colour Reflectance. Remote Sensing, 2022, 14, 3353.	1.8	5
404	Evaluating the Efficacy of Five Chlorophyll-a Algorithms in Chesapeake Bay (USA) for Operational Monitoring and Assessment. Journal of Marine Science and Engineering, 2022, 10, 1104.	1.2	4

#	ARTICLE	IF	CITATIONS
405	Remote sensing of chlorophyll-a concentrations in coastal oceans of the Greater Bay Area in China: Algorithm development and long-term changes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 112, 102922.	0.9	3
406	What water color parameters could be mapped using MODIS land reflectance products: A global evaluation over coastal and inland waters. <i>Earth-Science Reviews</i> , 2022, 232, 104154.	4.0	15
407	Satellite determining dominant sources of particulate organic carbon across different eutrophic waters. <i>Ecological Indicators</i> , 2022, 142, 109302.	2.6	3
408	Remote sensing to detect harmful algal blooms in inland waterbodies. <i>Science of the Total Environment</i> , 2022, 851, 158096.	3.9	6
409	Global satellite water classification data products over oceanic, coastal, and inland waters. <i>Remote Sensing of Environment</i> , 2022, 282, 113233.	4.6	11
410	Automatic detection of suspected sewage discharge from coastal outfalls based on Sentinel-2 imagery. <i>Science of the Total Environment</i> , 2022, 853, 158374.	3.9	9
411	Satellite ocean color validation. , 2023, , 351-374.		0
412	Satellite remote sensing of coastal water quality in New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 585-616.	0.8	6
413	Evaluation of seven atmospheric correction algorithms for OLCI images over the coastal waters of Qinhuangdao in Bohai Sea. <i>Regional Studies in Marine Science</i> , 2022, 56, 102711.	0.4	3
414	Bio-optical properties of the Brazilian Abrolhos Bank's shallow coral-reef waters. <i>Frontiers in Remote Sensing</i> , 0, 3, .	1.3	0
415	Development of a Deep Learning-Based Atmospheric Correction Algorithm for Oligotrophic Oceans. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-19.	2.7	3
416	The Inversion of HY-1C-COCTS Ocean Color Remote Sensing Products from High-Latitude Seas. <i>Remote Sensing</i> , 2022, 14, 5722.	1.8	3
417	A revision of NASA SeaDAS atmospheric correction algorithm over turbid waters with artificial Neural Networks estimated remote-sensing reflectance in the near-infrared. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 194, 235-249.	4.9	9
418	Aerosol Optical Properties above Productive Waters of Gorky Reservoir for Atmospheric Correction of Sentinel-3/OLCI Images. <i>Remote Sensing</i> , 2022, 14, 6130.	1.8	3
419	Assessing Landsat-8 atmospheric correction schemes in low to moderate turbidity waters from a global perspective. <i>International Journal of Digital Earth</i> , 2023, 16, 66-92.	1.6	1
420	Real-Time and Continuous Tracking of Total Phosphorus Using a Ground-Based Hyperspectral Proximal Sensing System. <i>Remote Sensing</i> , 2023, 15, 507.	1.8	3
421	HY-1C/D CZI Image Atmospheric Correction and Quantifying Suspended Particulate Matter. <i>Remote Sensing</i> , 2023, 15, 386.	1.8	2
422	Spatiotemporal Variability of the Lake Tana Water Quality Derived from the MODIS-Based Forel's Ule Index: The Roles of Hydrometeorological and Surface Processes. <i>Atmosphere</i> , 2023, 14, 289.	1.0	2

#	ARTICLE	IF	CITATIONS
423	A Novel Atmospheric Correction for Turbid Water Remote Sensing. Remote Sensing, 2023, 15, 2091.	1.8	0
424	Assessment of Estimated Phycocyanin and Chlorophyll-a Concentration from PRISMA and OLCI in Brazilian Inland Waters: A Comparison between Semi-Analytical and Machine Learning Algorithms. Remote Sensing, 2023, 15, 1299.	1.8	8
425	Satellite retrieval of the linear polarization components of the water-leaving radiance in open oceans. Optics Express, 2023, 31, 15917.	1.7	1