

Quinten Vanhellemont

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,022
citations

471509

17
h-index

677142

22
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24
all docs

24
docs citations

24
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of Landsat 8 high resolution Sea Surface Temperature using surfers. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107650.	2.1	5
2	On the Seasonal Dynamics of Phytoplankton Chlorophyll-a Concentration in Nearshore and Offshore Waters of Plymouth, in the English Channel: Enlisting the Help of a Surfer. <i>Oceans</i> , 2022, 3, 125-146.	1.3	5
3	QWIP: A Quantitative Metric for Quality Control of Aquatic Reflectance Spectral Shape Using the Apparent Visible Wavelength. <i>Frontiers in Remote Sensing</i> , 2022, 3, .	3.5	9
4	Atmospheric correction of Sentinel-3/OLCI data for mapping of suspended particulate matter and chlorophyll-a concentration in Belgian turbid coastal waters. <i>Remote Sensing of Environment</i> , 2021, 256, 112284.	11.0	95
5	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.	11.0	137
6	Towards physical habitat characterisation in the Antarctic Sør Rondane Mountains using satellite remote sensing. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100529.	1.5	1
7	The QAA-RGB: A universal three-band absorption and backscattering retrieval algorithm for high resolution satellite sensors. Development and implementation in ACOLITE. <i>Remote Sensing of Environment</i> , 2021, 265, 112667.	11.0	16
8	New Processor and Reference Dataset for Hyperspectral CHRIS-PROBA Images Over Coastal and Inland Waters. , 2021, , .		2
9	Automated water surface temperature retrieval from Landsat 8/TIRS. <i>Remote Sensing of Environment</i> , 2020, 237, 111518.	11.0	46
10	Combined land surface emissivity and temperature estimation from Landsat 8 OLI and TIRS. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 166, 390-402.	11.1	42
11	Retrieval and Validation of Water Turbidity at Metre-Scale Using Pléiades Satellite Data: A Case Study in the Gironde Estuary. <i>Remote Sensing</i> , 2020, 12, 946.	4.0	8
12	Extending Landsat 8: Retrieval of an Orange contra-Band for Inland Water Quality Applications. <i>Remote Sensing</i> , 2020, 12, 637.	4.0	20
13	Sensitivity analysis of the dark spectrum fitting atmospheric correction for metre- and decametre-scale satellite imagery using autonomous hyperspectral radiometry. <i>Optics Express</i> , 2020, 28, 29948.	3.4	50
14	The Pan-and-Tilt Hyperspectral Radiometer System (PANTHYR) for Autonomous Satellite Validation Measurementsâ€”Prototype Design and Testing. <i>Remote Sensing</i> , 2019, 11, 1360.	4.0	34
15	Adaptation of the dark spectrum fitting atmospheric correction for aquatic applications of the Landsat and Sentinel-2 archives. <i>Remote Sensing of Environment</i> , 2019, 225, 175-192.	11.0	285
16	Daily metre-scale mapping of water turbidity using CubeSat imagery. <i>Optics Express</i> , 2019, 27, A1372.	3.4	37
17	Detecting and Quantifying a Massive Invasion of Floating Aquatic Plants in the R�o de la Plata Turbid Waters Using High Spatial Resolution Ocean Color Imagery. <i>Remote Sensing</i> , 2018, 10, 1140.	4.0	29
18	Atmospheric Correction Inter-Comparison Exercise. <i>Remote Sensing</i> , 2018, 10, 352.	4.0	156

#	ARTICLE	IF	CITATIONS
19	Atmospheric correction of metre-scale optical satellite data for inland and coastal water applications. Remote Sensing of Environment, 2018, 216, 586-597.	11.0	242
20	Atmospheric Corrections and Multi-Conditional Algorithm for Multi-Sensor Remote Sensing of Suspended Particulate Matter in Low-to-High Turbidity Levels Coastal Waters. Remote Sensing, 2017, 9, 61.	4.0	126
21	Potential of High Spatial and Temporal Ocean Color Satellite Data to Study the Dynamics of Suspended Particles in a Micro-Tidal River Plume. Remote Sensing, 2016, 8, 245.	4.0	53
22	Advantages of high quality SWIR bands for ocean colour processing: Examples from Landsat-8. Remote Sensing of Environment, 2015, 161, 89-106.	11.0	248
23	Turbid wakes associated with offshore wind turbines observed with Landsat 8. Remote Sensing of Environment, 2014, 145, 105-115.	11.0	327
24	Synergy between polar-orbiting and geostationary sensors: Remote sensing of the ocean at high spatial and high temporal resolution. Remote Sensing of Environment, 2014, 146, 49-62.	11.0	49