

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
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677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbid wakes associated with offshore wind turbines observed with Landsat 8. Remote Sensing of Environment, 2014, 145, 105-115.	11.0	327
2	Adaptation of the dark spectrum fitting atmospheric correction for aquatic applications of the Landsat and Sentinel-2 archives. Remote Sensing of Environment, 2019, 225, 175-192.	11.0	285
3	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
4	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
5	Atmospheric Correction Inter-Comparison Exercise. Remote Sensing, 2018, 10, 352.	4.0	156
6	ACIX-Aqua: A global assessment of atmospheric correction methods for Landsat-8 and Sentinel-2 over lakes, rivers, and coastal waters. Remote Sensing of Environment, 2021, 258, 112366.	11.0	137
7	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
8	Atmospheric correction of Sentinel-3/OLCI data for mapping of suspended particulate matter and chlorophyll-a concentration in Belgian turbid coastal waters. Remote Sensing of Environment, 2021, 256, 112284.	11.0	95
9	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
10	Sensitivity analysis of the dark spectrum fitting atmospheric correction for metre- and decametre-scale satellite imagery using autonomous hyperspectral radiometry. Optics Express, 2020, 28, 29948.	3.4	50
11	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
12	Automated water surface temperature retrieval from Landsat 8/TIRS. Remote Sensing of Environment, 2020, 237, 111518.	11.0	46
13	Combined land surface emissivity and temperature estimation from Landsat 8 OLI and TIRS. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 390-402.	11.1	42
14	Daily metre-scale mapping of water turbidity using CubeSat imagery. Optics Express, 2019, 27, A1372.	3.4	37
15	The Pan-and-Tilt Hyperspectral Radiometer System (PANTHYR) for Autonomous Satellite Validation Measurementsâ€”Prototype Design and Testing. Remote Sensing, 2019, 11, 1360.	4.0	34
16	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. Remote Sensing, 2018, 10, 1140.	4.0	29
17	Extending Landsat 8: Retrieval of an Orange contra-Band for Inland Water Quality Applications. Remote Sensing, 2020, 12, 637.	4.0	20
18	The QAA-RGB: A universal three-band absorption and backscattering retrieval algorithm for high resolution satellite sensors. Development and implementation in ACOLITE. Remote Sensing of Environment, 2021, 265, 112667.	11.0	16

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Validation of Landsat 8 high resolution Sea Surface Temperature using surfers. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107650.	2.1	5
22	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
23	New Processor and Reference Dataset for Hyperspectral CHRIS-PROBA Images Over Coastal and Inland Waters. , 2021, , .		2
24	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