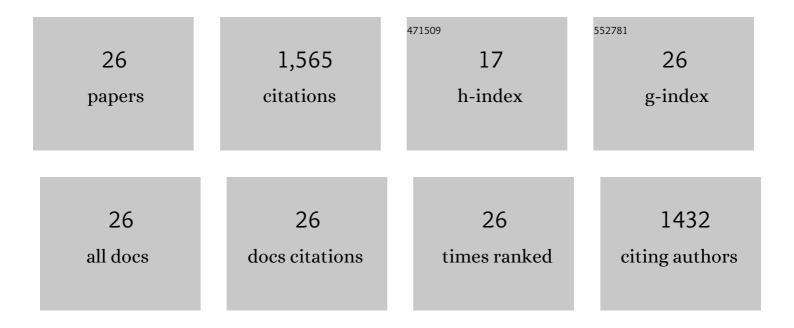
Krista Alikas

List of Publications by Year in descending order

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KDISTA ALIKAS

#	Article	IF	CITATIONS
1	Seamless retrievals of chlorophyll-a from Sentinel-2 (MSI) and Sentinel-3 (OLCI) in inland and coastal waters: A machine-learning approach. Remote Sensing of Environment, 2020, 240, 111604.	11.0	247
2	Assessment of atmospheric correction algorithms for the Sentinel-2A MultiSpectral Imager over coastal and inland waters. Remote Sensing of Environment, 2019, 225, 267-289.	11.0	204
3	Retrieval of Chlorophyll a from Sentinel-2 MSI Data for the European Union Water Framework Directive Reporting Purposes. Remote Sensing, 2019, 11, 64.	4.0	147
4	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
5	Robust algorithm for estimating total suspended solids (TSS) in inland and nearshore coastal waters. Remote Sensing of Environment, 2020, 246, 111768.	11.0	122
6	Estimating leaf inclination and G-function from leveled digital camera photography in broadleaf canopies. Trees - Structure and Function, 2011, 25, 919-924.	1.9	89
7	Improved retrieval of Secchi depth for optically-complex waters using remote sensing data. Ecological Indicators, 2017, 77, 218-227.	6.3	73
8	Simultaneous retrieval of selected optical water quality indicators from Landsat-8, Sentinel-2, and Sentinel-3. Remote Sensing of Environment, 2022, 270, 112860.	11.0	73
9	Expanding global mapping of the foliage clumping index with multi-angular POLDER three measurements: Evaluation and topographic compensation. ISPRS Journal of Photogrammetry and Remote Sensing, 2010, 65, 341-346.	11.1	64
10	A Chlorophyll-a Algorithm for Landsat-8 Based on Mixture Density Networks. Frontiers in Remote Sensing, 2021, 1, .	3.5	48
11	Remotely estimating total suspended solids concentration in clear to extremely turbid waters using a novel semi-analytical method. Remote Sensing of Environment, 2021, 258, 112386.	11.0	47
12	Retrieving vegetation clumping index from Multi-angle Imaging SpectroRadiometer (MISR) data at 275m resolution. Remote Sensing of Environment, 2013, 138, 126-133.	11.0	46
13	Detecting cyanobacterial blooms in large North European lakes using the Maximum Chlorophyll Index. Oceanologia, 2010, 52, 237-257.	2.2	46
14	Robust remote sensing algorithms to derive the diffuse attenuation coefficient for lakes and coastal waters. Limnology and Oceanography: Methods, 2015, 13, 402-415.	2.0	32
15	Validation of the MERIS products on large European lakes: Peipsi, Väern and Vätern. Hydrobiologia, 2008, 599, 161-168.	2.0	31
16	Consistency of Radiometric Satellite Data over Lakes and Coastal Waters with Local Field Measurements. Remote Sensing, 2020, 12, 616.	4.0	24
17	Impacts of including forest understory brightness and foliage clumping information from multiangular measurements on leaf area index mapping over North America. Journal of Geophysical Research, 2010, 115, .	3.3	22
18	Field Intercomparison of Radiometers Used for Satellite Validation in the 400–900 nm Range. Remote Sensing, 2019, 11, 1129.	4.0	22

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#	Article	IF	CITATIONS
19	Satellite-based products for monitoring optically complex inland waters in support of EU Water Framework Directive. International Journal of Remote Sensing, 2015, 36, 4446-4468.	2.9	18
20	Impact of iron associated to organic matter on remote sensing estimates of lake carbon content. Remote Sensing of Environment, 2015, 156, 109-116.	11.0	17
21	Laboratory Intercomparison of Radiometers Used for Satellite Validation in the 400–900 nm Range. Remote Sensing, 2019, 11, 1101.	4.0	15
22	Fiducial Reference Measurements for Satellite Ocean Colour (FRM4SOC). Remote Sensing, 2020, 12, 1322.	4.0	15
23	Comparison of Above-Water Seabird and TriOS Radiometers along an Atlantic Meridional Transect. Remote Sensing, 2020, 12, 1669.	4.0	10
24	Detecting Climate Driven Changes in Chlorophyll-a Using High Frequency Monitoring: The Impact of the 2019 European Heatwave in Three Contrasting Aquatic Systems. Sensors, 2021, 21, 6242.	3.8	9
25	Synergy between Satellite Altimetry and Optical Water Quality Data towards Improved Estimation of Lakes Ecological Status. Remote Sensing, 2021, 13, 770.	4.0	5
26	Multitemporal Remote Sensing of Coastal Waters. Remote Sensing and Digital Image Processing, 2016, , 391-426.	0.7	2