Frank Fell

List of Publications by Year
in descending order

29 papers	1,046 citations	759233 12 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	1269 citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the "Zero-Bias Line" Homogenization Method for Microwave Radiometers Using Sentinel-3A and Sentinel-3B Tandem Phase. Remote Sensing, 2020, 12, 3154.	4.0	3
2	Spatial and temporal variability of snowfall over Greenland from CloudSat observations. Atmospheric Chemistry and Physics, 2019, 19, 8101-8121.	4.9	33
3	The GEWEX Water Vapor Assessment: Overview and Introduction to Results and Recommendations. Remote Sensing, 2019, 11, 251.	4.0	26
4	Long-Term High-Resolution Sediment and Sea Surface Temperature Spatial Patterns in Arctic Nearshore Waters Retrieved Using 30-Year Landsat Archive Imagery. Remote Sensing, 2019, 11, 2791.	4.0	21
5	The GEWEX Water Vapor Assessment archive of water vapour products from satellite observations and reanalyses. Earth System Science Data, 2018, 10, 1093-1117.	9.9	42
6	An intercalibrated dataset of total column water vapour and wet tropospheric correction based on MWR on board ERS-1, ERS-2, and Envisat. Atmospheric Measurement Techniques, 2017, 10, 1387-1402.	3.1	6
7	A database of global reference sites to support validation of satellite surface albedo datasets (SAVS 1.0). Earth System Science Data, 2016, 8, 425-438.	9.9	11
8	Quality assessment and improvement of the EUMETSAT Meteosat Surface Albedo Climate Data Record. Atmospheric Measurement Techniques, 2015, 8, 4561-4571.	3.1	10
9	Retrieval of two-layer cloud properties from multispectral observations using optimal estimation. Journal of Geophysical Research, 2011, 116, .	3.3	58
10	Application of the active learning method to the retrieval of pigment from spectral remote sensing reflectance data. International Journal of Remote Sensing, 2009, 30, 1045-1065.	2.9	12
11	An empirical algorithm for determining the diffuse attenuation coefficient K_d in clear and turbid waters from spectral remote sensing reflectance. Limnology and Oceanography: Methods, 2007, 5, 457-462.	2.0	38
12	Estimating aerosol parameters above the ocean from MERIS observations using topological maps. International Journal of Remote Sensing, 2007, 28, 781-795.	2.9	5
13	Application of the Active Learning Method for the estimation of geophysical variables in the Caspian Sea from satellite ocean colour observations. International Journal of Remote Sensing, 2007, 28, 4677-4683.	2.9	13
14	Using the SISCAL in situ measurements for the validation of the MERIS algal pigment indices I and II. , 2004, , .		0
15	The SISCAL project. , 2004, , .		0
16	Evaluating the performance of artificial neural network techniques for pigment retrieval from ocean color in Case I waters. Journal of Geophysical Research, 2003, 108, .	3.3	34
17	Light scattering properties of marine particles in coastal and open ocean waters asrelated to the particle mass concentration. Limnology and Oceanography, 2003, 48, 843-859.	3.1	464
18	SISCAL project: establishing an internet-based delivery of near-real-time data products on coastal areas and lakes from satellite imagery. , 2003, , .		0

#	Article	IF	Citations
19	SISCAL project. , 2003, , .		0
20	Artificial-neural-network-based atmospheric correction algorithm: application to MERIS data. , 2003, , .		12
21	Retrieval of chlorophyll concentration from MERIS measurements in the spectral range of sun-induced chlorophyll fluorescence. , 2003, 4892, 116.		5
22	Comparison of the ocean inherent optical properties obtained from measurements and inverse modeling. Applied Optics, 2001, 40, 2384.	2.1	57
23	Numerical simulation of the light field in the atmosphere–ocean system using the matrix-operator method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 69, 351-388.	2.3	136
24	Continuous monitoring of surface optical properties across a geostrophic front: Biogeochemical inferences. Limnology and Oceanography, 2000, 45, 309-321.	3.1	42
25	Simulation of MERIS measurements above selected ocean waters. International Journal of Remote Sensing, 1999, 20, 1787-1807.	2.9	10
26	<title>Effects of the wind direction on the light-field reflected from a wind roughened sea surface</title>. , 1997, , .		1
27	Spectral absorption coefficient measured in situ in the North Sea with a marine radiometric spectrometer system. Applied Optics, 1997, 36, 5162.	2.1	1
28	Using the MARAS system for the in situ characterizing of the spectral optical properties of the North Sea. Optics and Laser Technology, 1997, 29, 41-44.	4.6	2
29	Validation of optical cloud parameters inferred from satellite measurements by ground observations. Advances in Space Research, 1989, 9, 153-159.	2.6	2