Frank Fell

List of Publications by Year
in descending order

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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	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
2	Numerical simulation of the light field in the atmosphereâ€“ocean system using the matrix-operator method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 69, 351-388.	2.3	136
3	Retrieval of two-layer cloud properties from multispectral observations using optimal estimation. Journal of Geophysical Research, 2011, 116, .	3.3	58
4	Comparison of the ocean inherent optical properties obtained from measurements and inverse modeling. Applied Optics, 2001, 40, 2384.	2.1	57
5	Continuous monitoring of surface optical properties across a geostrophic front: Biogeochemical inferences. Limnology and Oceanography, 2000, 45, 309-321.	3.1	42
6	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
7	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
8	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
9	Spatial and temporal variability of snowfall over Greenland from CloudSat observations. Atmospheric Chemistry and Physics, 2019, 19, 8101-8121.	4.9	33
10	The GEWEX Water Vapor Assessment: Overview and Introduction to Results and Recommendations. Remote Sensing, 2019, 11, 251.	4.0	26
11	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
12	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
13	Artificial-neural-network-based atmospheric correction algorithm: application to MERIS data. , 2003, , .		12
14	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
15	A database of global reference sites to support validation of satellite surface albedo datasets (SAVSÂ1.0). Earth System Science Data, 2016, 8, 425-438.	9.9	11
16	Simulation of MERIS measurements above selected ocean waters. International Journal of Remote Sensing, 1999, 20, 1787-1807.	2.9	10
17	Quality assessment and improvement of the EUMETSAT Meteosat Surface Albedo Climate Data Record. Atmospheric Measurement Techniques, 2015, 8, 4561-4571.	3.1	10
18	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

#	Article	IF	Citations
19	Retrieval of chlorophyll concentration from MERIS measurements in the spectral range of sun-induced chlorophyll fluorescence. , 2003, 4892, 116.		5
20	Estimating aerosol parameters above the ocean from MERIS observations using topological maps. International Journal of Remote Sensing, 2007, 28, 781-795.	2.9	5
21	Assessment of the â€œZero-Bias Lineâ€•Homogenization Method for Microwave Radiometers Using Sentinel-3A and Sentinel-3B Tandem Phase. Remote Sensing, 2020, 12, 3154.	4.0	3
22	Validation of optical cloud parameters inferred from satellite measurements by ground observations. Advances in Space Research, 1989, 9, 153-159.	2.6	2
23	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
24	<title>Effects of the wind direction on the light-field reflected from a wind roughened sea surface</title>. , 1997, , .		1
25	Spectral absorption coefficient measured in situ in the North Sea with a marine radiometric spectrometer system. Applied Optics, 1997, 36, 5162.	2.1	1
26	SISCAL project: establishing an internet-based delivery of near-real-time data products on coastal areas and lakes from satellite imagery. , 2003, , .		0
27	SISCAL project. , 2003, , .		0
28	Using the SISCAL in situ measurements for the validation of the MERIS algal pigment indices I and II. , 2004, , .		0
29	The SISCAL project. , 2004, , .		0