

Xingfeng Chen

List of Publications by Year in descending order

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51
papers

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54
all docs

54
docs citations

54
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Scale Ship Detection Algorithm Based on a Lightweight Neural Network for Spaceborne SAR Images. <i>Remote Sensing</i> , 2022, 14, 1149.	4.0	42
2	Neural Network AEROSol Retrieval for Geostationary Satellite (NNAeroG) Based on Temporal, Spatial and Spectral Measurements. <i>Remote Sensing</i> , 2022, 14, 980.	4.0	8
3	QUantitative and Automatic Atmospheric Correction (QUAAC): Application and Validation. <i>Sensors</i> , 2022, 22, 3280.	3.8	2
4	Autonomous Mission Planning Method for Optical Imaging Satellites Based on Real-Time Cloud Cover Information. <i>Remote Sensing</i> , 2022, 14, 2635.	4.0	4
5	Hyperspectral Identification of Ginseng Growth Years and Spectral Importance Analysis Based on Random Forest. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5852.	2.5	5
6	Air Quality over China. <i>Remote Sensing</i> , 2021, 13, 3542.	4.0	8
7	Validation of the aerosol optical property products derived by the GRASP/Component approach from multi-angular polarimetric observations. <i>Atmospheric Research</i> , 2021, 263, 105802.	4.1	17
8	The Impacts of the COVID-19 Lockdown on Air Quality in the Guanzhong Basin, China. <i>Remote Sensing</i> , 2020, 12, 3042.	4.0	21
9	Joint retrieval of the aerosol fine mode fraction and optical depth using MODIS spectral reflectance over northern and eastern China: Artificial neural network method. <i>Remote Sensing of Environment</i> , 2020, 249, 112006.	11.0	48
10	A Dark Target Method for Himawari-8/AHI Aerosol Retrieval: Application and Validation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 381-394.	6.3	40
11	Estimating Spatio-Temporal Variations of PM2.5 Concentrations Using VIIRS-Derived AOD in the Guanzhong Basin, China. <i>Remote Sensing</i> , 2019, 11, 2679.	4.0	29
12	Evaluation of radiometric performance of MODIS visible bands using the Rayleigh scattering method. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	1.3	1
13	Aerosol optical, microphysical, chemical and radiative properties of high aerosol load cases over the Arctic based on AERONET measurements. <i>Scientific Reports</i> , 2018, 8, 9376.	3.3	22
14	Using the Gaofen-4 geostationary satellite to retrieve aerosols with high spatiotemporal resolution. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	6
15	Study on aerosol optical depth retrieval over land from Himawari-8 data based on dark target method. <i>Yaogan Xuebao/Journal of Remote Sensing</i> , 2018, 22, 38-50.	0.9	2
16	Water vapor retrieval from near-IR measurements of polarized scanning atmospheric corrector. , 2018, , .		0
17	A parallel method of atmospheric correction for multispectral high spatial resolution remote sensing images. , 2018, , .		0
18	Identifying ginkgo trees using spectrum and texture time series from very high resolution satellite data. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Estimation of atmospheric aerosol composition from ground-based remote sensing measurements of Sun-sky radiometer. Journal of Geophysical Research D: Atmospheres, 2017, 122, 498-518.	3.3	25
20	Studying aerosol light scattering based on aspect ratio distribution observed by fluorescence microscope. Optics Express, 2017, 25, A813.	3.4	6
21	Retrieval of Aerosol Optical Depth Using the Empirical Orthogonal Functions (EOFs) Based on PARASOL Multi-Angle Intensity Data. Remote Sensing, 2017, 9, 578.	4.0	9
22	Improving Daytime Planetary Boundary Layer Height Determination from CALIOP: Validation Based on Ground-Based Lidar Station. Advances in Meteorology, 2017, 2017, 1-14.	1.6	7
23	In-Flight Calibration of GF-1/WFV Visible Channels Using Rayleigh Scattering. Remote Sensing, 2017, 9, 513.	4.0	10
24	Retrieval of Aerosol Fine-Mode Fraction from Intensity and Polarization Measurements by PARASOL over East Asia. Remote Sensing, 2016, 8, 417.	4.0	26
25	Remote sensing of atmospheric particulate mass of dry PM _{2.5} near the ground: Method validation using ground-based measurements. Remote Sensing of Environment, 2016, 173, 59-68.	11.0	92
26	Improving Remote Sensing of Aerosol Optical Depth over Land by Polarimetric Measurements at 1640 nm: Airborne Test in North China. Remote Sensing, 2015, 7, 6240-6256.	4.0	19
27	Comparison between dust and haze aerosol properties of the 2015 Spring in Beijing using ground-based sun photometer and lidar. , 2015, , .		1
28	A sensitivity study of atmospheric reflectance to aerosol layer height based on multi-angular polarimetric measurements. , 2015, , .		1
29	Study on pixel matching method of the multi-angle observation from airborne AMPR measurements. , 2015, , .		1
30	A study on typical aerosol extinction profile under clear sky condition in Beijing measured by ground-based Lidar. Proceedings of SPIE, 2015, , .	0.8	0
31	Retrieval of aerosol extinction coefficients from ground-based 532nm lidar during APEC conference in Beijing. , 2015, , .		0
32	Retrieval of absorptive gas columnar amounts using atmospheric hyper-spectral irradiance measurements within visible spectrum. Proceedings of SPIE, 2015, , .	0.8	0
33	Radiation environment study of near space in China area. Proceedings of SPIE, 2015, , .	0.8	3
34	Transfer method to calibrate the normalized radiance for a CE318 Sun/sky radiometer. Chinese Optics Letters, 2015, 13, 041001-41005.	2.9	4
35	Sun-sky radiometer observation network with the extension of multi-wavelength polarization measurements. Yaogan Xuebao/Journal of Remote Sensing, 2015, 19, 495-519.	0.9	3
36	Ground-Based Polarimetric Remote Sensing of Dust Aerosol Properties in Chinese Deserts near Hexi Corridor. Advances in Meteorology, 2014, 2014, 1-10.	1.6	7

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37	Method to intercalibrate sunphotometer constants using an integrating sphere as a light source in the laboratory. Applied Optics, 2013, 52, 2226.	1.8	6
38	Geometric calibration and accuracy assessment of a multispectral imager on UAVs. , 2012, , .		1
39	Time series of cross-calibration of HJ-1B thermal infrared channel. Proceedings of SPIE, 2011, , .	0.8	0
40	Initial research on the polarized reflectance of typical urban surface types measured by the Directional Polarimetric Camera. Science China Earth Sciences, 2011, 54, 1199-1205.	5.2	3
41	Simultaneous retrieval of aerosol optical properties over the Pearl River Delta, China using multi-angular, multi-spectral, and polarized measurements. Remote Sensing of Environment, 2011, 115, 1643-1652.	11.0	33
42	The research of dual-path optical visibility measurement technology. , 2011, , .		0
43	Design of the attitude automatic adjusting system for the solar panel. , 2011, , .		0
44	Enteromorpha Prolifra aerial remote sensing monitoring using array camera. , 2010, , .		0
45	Research on 3D canopy's reflectance model of semi-arid grassland. , 2010, , .		0
46	Ocean surface winds measurement using reflected GNSS signals. , 2010, , .		0
47	Multi-image space resection based geometric calibration for Four bands CCD camera. , 2010, , .		1
48	Power control algorithm based on game theory in cognitive radio networks. , 2010, , .		3
49	Blind estimation of subcarrier number in MB-OFDM ultra-wide band communications system. , 2009, , .		0
50	The Enteromorpha prolifra spatial distribution monitoring using multispectral aerial remote sensing images in 29th Olympics sailing area. , 2009, , .		2
51	A feedforward control idea for CBIR using obvious features. Proceedings of SPIE, 2009, , .	0.8	0