

Zhengqiang Li

List of PR Articles by Year in descending order

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citing authors

#	ARTICLE	IF	PR CITATIONS
1	Improving atmospheric CO ₂ retrieval based on the collaborative use of Greenhouse gases Monitoring Instrument and Directional Polarimetric Camera sensors on Chinese hyperspectral satellite GF5-02. <i>Geo-Spatial Information Science</i> , 2024, 27, 572-584.	5.4	13
2	High-accuracy FY-3A/MERSI precipitable water vapour (PWV) data over the continental United States. <i>International Journal of Remote Sensing</i> , 2024, 45, 1368-1384.	2.5	3
3	Improving the Estimation of PM2.5 Concentration in the North China Area by Introducing an Attention Mechanism into Random Forest. <i>Atmosphere</i> , 2024, 15, 384.	2.2	6
4	Radiometric Calibration of the Near-Infrared Bands of GF-5-02/DPC for Water Vapor Retrieval. <i>Remote Sensing</i> , 2024, 16, 1806.	3.8	6
5	Supercooled Water Cloud Detection From Polarized Multi-Angle Imager Data Using 1.37-µm Water Vapor Polarized Channel. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.1	1
6	Determination of optimal solar-viewing geometry for in-flight polarization calibration using sun glint over ocean. <i>Applied Optics</i> , 2024, 63, 8131.	1.5	3
7	A Study on Typhoon Center Localization Based on an Improved Spatio-Temporally Consistent Scale-Invariant Feature Transform and Brightness Temperature Perturbations. <i>Remote Sensing</i> , 2024, 16, 4070.	3.8	1
8	Spatial and Temporal Characterization of Near Space Temperature and Humidity and Their Driving Influences. <i>Remote Sensing</i> , 2024, 16, 4307.	3.8	1
9	Improvement of Space-Observation of Aerosol Chemical Composition by Synergizing a Chemical Transport Model and Ground-Based Network Data. <i>Remote Sensing</i> , 2024, 16, 4390.	3.8	4
10	A Sequence-to-Sequence Transformer Model for Satellite Retrieval of Aerosol Optical and Microphysical Parameters from Space. <i>Remote Sensing</i> , 2024, 16, 4659.	3.8	2
11	Atmospheric Modulation Transfer Function Calculation and Error Evaluation for the Panchromatic Band of the Gaofen-2 Satellite. <i>Remote Sensing</i> , 2024, 16, 4676.	3.8	0
12	Seasonal cycles and long-term trends of arctic tropospheric aerosols based on CALIPSO lidar observations. <i>Environmental Research</i> , 2023, 216, 114613.	7.9	9
13	Meteorological and anthropogenic contributions to changes in the Aerosol Optical Depth (AOD) over China during the last decade. <i>Atmospheric Environment</i> , 2023, 301, 119676.	3.8	23
14	The Simulated Source Apportionment of Light Absorbing Aerosols: Effects of Microphysical Properties of Partially-Coated Black Carbon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.1	14
15	Preliminary On-Orbit Performance Test of the First Polarimetric Synchronization Monitoring Atmospheric Corrector (SMAC) On-Board High-Spatial Resolution Satellite Gao Fen Duo Mo (GFDM). <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.4	11
16	A satellite-derived, ground-measurement-independent monthly PM _{2.5} mass concentration dataset over China during 2000-2015. <i>Big Earth Data</i> , 2022, 6, 633-649.	3.9	4
17	Source attribution of black and Brown carbon near-UV light absorption in Beijing, China and the impact of regional air-mass transport. <i>Science of the Total Environment</i> , 2022, 807, 150871.	8.4	18
18	Aerosol Optical Depth Retrieval Over South Asia Using FY-4A/AGRI Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.4	13

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19	Synergistic data fusion of multimodal AOD and air quality data for near real-time full coverage air pollution assessment. <i>Journal of Environmental Management</i> , 2022, 302, 114121.	8.4	30
20	Downscaling of AMSR-E Soil Moisture over North China Using Random Forest Regression. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 101.	2.6	13
21	Evaluation of MERRA-2 Aerosol Optical and Component Properties over China Using SONET and PARASOL/GRASP Data. <i>Remote Sensing</i> , 2022, 14, 821.	3.8	40
22	LGHAP: the Long-term Gap-free High-resolution Air Pollutant concentration dataset, derived via tensor-flow-based multimodal data fusion. <i>Earth System Science Data</i> , 2022, 14, 907-927.	9.1	110
23	In-Flight Relative Radiometric Calibration of a Wide Field of View Directional Polarimetric Camera Based on the Rayleigh Scattering over Ocean. <i>Remote Sensing</i> , 2022, 14, 1211.	3.8	15
24	Evaluation and optimal selection of Dunhuang radiometric calibration site based on OLI/Landsat 8 and MSI/Sentinel 2 data. <i>International Journal of Remote Sensing</i> , 2022, 43, 1684-1702.	2.5	6
25	Spatiotemporal variation and provincial scale differences of the AOD across China during 2000–2021. <i>Atmospheric Pollution Research</i> , 2022, 13, 101359.	3.8	26
26	The polarization crossfire (PCF) sensor suite focusing on satellite remote sensing of fine particulate matter PM _{2.5} from space. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 286, 108217.	2.9	44
27	The polarimetric characteristics of dust with irregular shapes: evaluation of the spheroid model for single particles. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2767-2789.	2.9	8
28	The Effects of Local Pollution and Transport Dust on Aerosol Properties in Typical Arid Regions of Central Asia during DAO-K Measurement. <i>Atmosphere</i> , 2022, 13, 729.	2.2	4
29	Prediction of Fine Particulate Matter Concentration near the Ground in North China from Multivariable Remote Sensing Data Based on MIV-BP Neural Network. <i>Atmosphere</i> , 2022, 13, 825.	2.2	2
30	Carbon Emissions Estimation and Spatiotemporal Analysis of China at City Level Based on Multi-Dimensional Data and Machine Learning. <i>Remote Sensing</i> , 2022, 14, 3014.	3.8	24
31	Building a top-down method based on machine learning for evaluating energy intensity at a fine scale. <i>Energy</i> , 2022, 255, 124505.	9.1	10
32	An Improved Aerosol Optical Depth Retrieval Algorithm for Multiangle Directional Polarimetric Camera (DPC). <i>Remote Sensing</i> , 2022, 14, 4045.	3.8	14
33	Identification of typical dust sources in Tarim Basin based on multi-wavelength Raman polarization lidar. <i>Atmospheric Environment</i> , 2022, 290, 119358.	3.8	8
34	Synchronous Atmospheric Correction of High Spatial Resolution Images from Gao Fen Duo Mo Satellite. <i>Remote Sensing</i> , 2022, 14, 4427.	3.8	5
35	Shortwave Infrared Multi-Angle Polarization Imager (MAPI) Onboard Fengyun-3 Precipitation Satellite for Enhanced Cloud Characterization. <i>Remote Sensing</i> , 2022, 14, 4855.	3.8	11
36	A Comprehensive Analysis of Ultraviolet Remote Sensing for Aerosol Layer Height Retrieval from Multi-Angle Polarization Satellite Measurements. <i>Remote Sensing</i> , 2022, 14, 6258.	3.8	3

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37	Multi-information collaborative cloud identification algorithm in Gaofen-5 Directional Polarimetric Camera imagery. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 261, 107439.	2.9	15
38	Capability of Superspheroids for Modeling PARASOL Observations Under Dusty Sky Conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	3.1	17
39	Grand Challenges in Satellite Remote Sensing. <i>Frontiers in Remote Sensing</i> , 2021, 2, .	3.5	152
40	Improving the sectional Model for Simulating Aerosol Interactions and Chemistry (MOSAIC) aerosols of the Weather Research and Forecasting-Chemistry (WRF-Chem) model with the revised Gridpoint Statistical Interpolation system and multi-wavelength aerosol optical measurements: the dust aerosol observation campaign at Kashi, near the Taklimakan Desert, northwestern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4403-4430.	4.6	11
41	Retrieval of aerosol fine-mode fraction over China from satellite multiangle polarized observations: validation and comparison. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1655-1672.	2.9	19
42	Derivation of PM10 mass concentration from advanced satellite retrieval products based on a semi-empirical physical approach. <i>Remote Sensing of Environment</i> , 2021, 256, 112319.	11.2	13
43	VIIRS Environmental Data Record and Deep Blue aerosol products: validation, comparison, and spatiotemporal variations from 2013 to 2018 in China. <i>Atmospheric Environment</i> , 2021, 250, 118265.	3.8	21
44	Satellite remote sensing of atmospheric particulate matter mass concentration: Advances, challenges, and perspectives. <i>Fundamental Research</i> , 2021, 1, 240-258.	3.9	76
45	“Military Parade Blue Skies” in Beijing: Decisive Influence of Meteorological Factors on Transport Channel and Atmospheric Pollutant Concentration Level. <i>Atmosphere</i> , 2021, 12, 636.	2.2	1
46	Variability of NO ₂ concentrations over China and effect on air quality derived from satellite and ground-based observations. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7723-7748.	4.6	39
47	Identification of polluted clouds and composition analysis based on GF-5 DPC data. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 269, 107659.	2.9	5
48	Spatio-Temporal Variability of Aerosol Components, Their Optical and Microphysical Properties over North China during Winter Haze in 2012, as Derived from POLDER/PARASOL Satellite Observations. <i>Remote Sensing</i> , 2021, 13, 2682.	3.8	9
49	Characterization of temporal and spatial variability of aerosols from ground-based climatology: towards evaluation of satellite mission requirements. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 268, 107627.	2.9	5
50	In-flight radiometric and polarimetric calibration of the Directional Polarimetric Camera onboard the GaoFen-5 satellite over the ocean. <i>Applied Optics</i> , 2021, 60, 7186.	1.5	31
51	Validation of FY-3D MERSI-2 Precipitable Water Vapor (PWV) Datasets Using Ground-Based PWV Data from AERONET. <i>Remote Sensing</i> , 2021, 13, 3246.	3.8	19
52	A Comprehensive Description of Multi-Term LSM for Applying Multiple a Priori Constraints in Problems of Atmospheric Remote Sensing: GRASP Algorithm, Concept, and Applications. <i>Frontiers in Remote Sensing</i> , 2021, 2, .	3.5	102
53	Satellite Observations of PM _{2.5} Changes and Driving Factors Based Forecasting Over China 2000–2025. <i>Remote Sensing</i> , 2020, 12, 2518.	3.8	11
54	Estimation of ground-level dry PM _{2.5} concentrations at 3 km resolution over Beijing using Geostationary Ocean Colour Imager. <i>Remote Sensing Letters</i> , 2020, 11, 913-922.	1.5	5

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55	Determination and climatology of the diurnal cycle of the atmospheric mixing layer height over Beijing 2013–2018: lidar measurements and implications for air pollution. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8839-8854.	4.6	22
56	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.	11.2	71
57	Aerosol Direct Radiative Effects over China Based on Long-Term Observations within the Sun–Sky Radiometer Observation Network (SONET). <i>Remote Sensing</i> , 2020, 12, 3296.	3.8	7
58	The development and application of satellite remote sensing for atmospheric compositions in China. <i>Atmospheric Research</i> , 2020, 245, 105056.	4.2	44
59	An improved algorithm for retrieving high resolution fine-mode aerosol based on polarized satellite data: Application and validation for POLDER-3. <i>Remote Sensing of Environment</i> , 2020, 247, 111894.	11.2	31
60	The Estimation of Surface Albedo from DSCOVR EPIC. <i>Remote Sensing</i> , 2020, 12, 1897.	3.8	4
61	Validation of POLDER GRASP aerosol optical retrieval over China using SONET observations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 246, 106931.	2.9	36
62	Constructing a New Inter-Calibration Method for DMSP-OLS and NPP-VIIRS Nighttime Light. <i>Remote Sensing</i> , 2020, 12, 937.	3.8	66
63	Validation and Accuracy Analysis of the Collection 6.1 MODIS Aerosol Optical Depth Over the Westernmost City in China Based on the Sun–Sky Radiometer Observations From SONET. <i>Earth and Space Science</i> , 2020, 7, .	2.4	32
64	The Impact of the Control Measures during the COVID-19 Outbreak on Air Pollution in China. <i>Remote Sensing</i> , 2020, 12, 1613.	3.8	131
65	Aerosol solar radiative forcing near the Taklimakan Desert based on radiative transfer and regional meteorological simulations during the Dust Aerosol Observation-Kashi campaign. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10845-10864.	4.6	22
66	Improved inversion of aerosol components in the atmospheric column from remote sensing data. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12795-12811.	4.6	29
67	The characterization of Taklamakan dust properties using a multiwavelength Raman polarization lidar in Kashi, China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13817-13834.	4.6	57
68	Aerosol retrieval study from multiangle polarimetric satellite data based on optimal estimation method. <i>Journal of Applied Remote Sensing</i> , 2020, 14, 1.	1.2	11
69	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.	6.4	56
70	Retrieval of aerosol components directly from satellite and ground-based measurements. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13409-13443.	4.6	124
71	Evaluation and uncertainty estimate of next-generation geostationary meteorological Himawari-8/AHI aerosol products. <i>Science of the Total Environment</i> , 2019, 692, 879-891.	8.4	61
72	Vertical profiles of NO ₂ , SO ₂ , HONO, HCHO, CHOCHO and aerosols derived from MAX-DOAS measurements at a rural site in the central western North China Plain and their relation to emission sources and effects of regional transport. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5417-5449.	4.6	97

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73	Characteristics of atmospheric fungi in particle growth events along with new particle formation in the central North China Plain. <i>Science of the Total Environment</i> , 2019, 683, 389-398.	8.4	2
74	Observational study of aerosol-induced impact on planetary boundary layer based on lidar and sunphotometer in Beijing. <i>Environmental Pollution</i> , 2019, 252, 897-906.	7.8	40
75	Optimal Estimation Retrieval of Aerosol Fine-Mode Fraction from Ground-Based Sky Light Measurements. <i>Atmosphere</i> , 2019, 10, 196.	2.2	10
76	Sub-Mode Aerosol Volume Size Distribution and Complex Refractive Index from the Three-Year Ground-Based Measurements in Chengdu China. <i>Atmosphere</i> , 2019, 10, 46.	2.2	6
77	The Fundamental Aerosol Models Over China Region: A Cluster Analysis of the Ground-Based Remote Sensing Measurements of Total Columnar Atmosphere. <i>Geophysical Research Letters</i> , 2019, 46, 4924-4932.	4.2	43
78	Three-Dimensional Cloud Structure Reconstruction from the Directional Polarimetric Camera. <i>Remote Sensing</i> , 2019, 11, 2894.	3.8	6
79	Maritime Aerosol Optical and Microphysical Properties in the South China Sea Under Multi-source Influence. <i>Scientific Reports</i> , 2019, 9, .	3.5	10
80	Use of A Neural Network-Based Ocean Body Radiative Transfer Model for Aerosol Retrievals from Multi-Angle Polarimetric Measurements. <i>Remote Sensing</i> , 2019, 11, 2877.	3.8	31
81	Polarimetric remote sensing of atmospheric aerosols: Instruments, methodologies, results, and perspectives. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 224, 474-511.	2.9	332
82	High-resolution inventory of mercury emissions from biomass burning in tropical continents during 2001-2017. <i>Science of the Total Environment</i> , 2019, 653, 638-648.	8.4	36
83	Identification of smoke and polluted clouds based on polarized satellite images. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 224, 343-354.	2.9	6
84	Detection of cloud cover using dynamic thresholds and radiative transfer models from the polarization satellite image. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 222-223, 196-214.	2.9	41
85	Evaluating VIIRS EPS Aerosol Optical Depth in China: An intercomparison against ground-based measurements and MODIS. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 224, 368-377.	2.9	26
86	Effects of the shape distribution of aerosol particles on their volumetric scattering properties and the radiative transfer through the atmosphere that includes polarization. <i>Applied Optics</i> , 2019, 58, 1475.	1.5	15
87	Evaluation of radiometric performance of MODIS visible bands using the Rayleigh scattering method. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	1.2	2
88	VALIDATION OF AEROSOL PRODUCTS FROM ESA/AATSR OVER CHINA AND AOD FUSION BASED ON UNCERTAINTIES. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 2019, .	0.6	1
89	Improving Remote Sensing of Aerosol Microphysical Properties by Near-Infrared Polarimetric Measurements Over Vegetated Land: Information Content Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2215-2243.	3.1	53
90	Long-term trends and spatial patterns of PM2.5-induced premature mortality in South and Southeast Asia from 1999 to 2014. <i>Science of the Total Environment</i> , 2018, 631-632, 1504-1514.	8.4	57

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91	Relative impact of short-term emissions controls on gas and particle-phase oxidative potential during the 2015 China Victory Day Parade in Beijing, China. <i>Atmospheric Environment</i> , 2018, 183, 49-56.	3.8	7
92	An overview of mesoscale aerosol processes, comparisons, and validation studies from DRAGON networks. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 655-671.	4.6	83
93	Estimation of atmospheric columnar organic matter (OM) mass concentration from remote sensing measurements of aerosol spectral refractive indices. <i>Atmospheric Environment</i> , 2018, 179, 107-117.	3.8	24
94	Long-term trends and spatial patterns of satellite-retrieved PM _{2.5} concentrations in South and Southeast Asia from 1999 to 2014. <i>Science of the Total Environment</i> , 2018, 615, 177-186.	8.4	126
95	Retrieval of the Fine-Mode Aerosol Optical Depth over East China Using a Grouped Residual Error Sorting (GRES) Method from Multi-Angle and Polarized Satellite Data. <i>Remote Sensing</i> , 2018, 10, 1838.	3.8	13
96	Multi-Year Analyses of Columnar Aerosol Optical and Microphysical Properties in Xi'an, a Megacity in Northwestern China. <i>Remote Sensing</i> , 2018, 10, 1169.	3.8	7
97	Underlying causes of PM _{2.5} -induced premature mortality and potential health benefits of air pollution control in South and Southeast Asia from 1999 to 2014. <i>Environment International</i> , 2018, 121, 814-823.	10.4	39
98	Retrieval of Atmospheric Fine Particulate Density Based on Merging Particle Size Distribution Measurements: Multi-Instrument Observation and Quality Control at Shouxian. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, .	3.1	10
99	Uncertainties of atmospheric polarimetric measurements with sun-sky radiometers induced by errors of relative orientations of polarizers. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 209, 10-18.	2.9	0
100	Emission-driven changes in anthropogenic aerosol concentrations in China during 1970-2010 and its implications for PM _{2.5} control policy. <i>Atmospheric Research</i> , 2018, 212, 106-119.	4.2	15
101	GOCI Yonsei aerosol retrieval version 2 products: an improved algorithm and error analysis with uncertainty estimation from 5-year validation over East Asia. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 385-408.	2.9	111
102	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, .	3.5	34
103	Directional Polarimetric Camera (DPC): Monitoring aerosol spectral optical properties over land from satellite observation. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 218, 21-37.	2.9	157
104	Using the Gaofen-4 geostationary satellite to retrieve aerosols with high spatiotemporal resolution. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.2	6
105	Calibration of the degree of linear polarization measurements of the polarized Sun-sky radiometer based on the POLBOX system. <i>Applied Optics</i> , 2018, 57, 1011.	1.5	17
106	Transfer method to calibrate the normalized radiance for a CE318 Sun/sky radiometer. <i>Chinese Optics Letters</i> , 2018, 13, 041001-41005.	2.6	4
107	RETRIEVAL OF AEROSOL MICROPHYSICAL PROPERTIES BASED ON THE OPTIMAL ESTIMATION METHOD: INFORMATION CONTENT ANALYSIS FOR SATELLITE POLARIMETRIC REMOTE SENSING MEASUREMENTS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> . 2018, .	0.6	8
108	Regional transport of anthropogenic pollution and dust aerosols in spring to Tianjin - A coastal megacity in China. <i>Science of the Total Environment</i> , 2017, 584-585, 381-392.	8.4	14

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109	Estimation of atmospheric aerosol composition from ground-based remote sensing measurements of Sun-sky radiometer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 498-518.	3.1	35
110	Satellite-based PM _{2.5} estimation using fine-mode aerosol optical thickness over China. <i>Atmospheric Environment</i> , 2017, 170, 290-302.	3.8	45
111	Impacts of regional transport on black carbon in Huairou, Beijing, China. <i>Environmental Pollution</i> , 2017, 221, 75-84.	7.8	22
112	Impacts of meteorological uncertainties on the haze formation in Beijing-Tianjin-Hebei (BTH) during wintertime: a case study. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 14579-14591.	4.6	63
113	Studying aerosol light scattering based on aspect ratio distribution observed by fluorescence microscope. <i>Optics Express</i> , 2017, 25, A813.	3.1	11
114	Retrieval of the aerosol asymmetry factor from Sun-sky radiometer measurements: application to almucantar geometry and accuracy assessment. <i>Applied Optics</i> , 2017, 56, 9932.	1.5	3
115	Merging MODIS and Ground-Based Fine Mode Fraction of Aerosols Based on the Geostatistical Data Fusion Method. <i>Atmosphere</i> , 2017, 8, 117.	2.2	12
116	Improving Daytime Planetary Boundary Layer Height Determination from CALIOP: Validation Based on Ground-Based Lidar Station. <i>Advances in Meteorology</i> , 2017, 2017, 1-14.	2.1	7
117	Estimation of aerosol complex refractive indices for both fine and coarse modes simultaneously based on AERONET remote sensing products. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 3203-3213.	2.9	36
118	In-Flight Calibration of GF-1/WFV Visible Channels Using Rayleigh Scattering. <i>Remote Sensing</i> , 2017, 9, 513.	3.8	16
119	Retrieval of Aerosol Fine-Mode Fraction from Intensity and Polarization Measurements by PARASOL over East Asia. <i>Remote Sensing</i> , 2016, 8, 417.	3.8	27
120	Validation of MODIS Aerosol Optical Depth Retrieval over Mountains in Central China Based on a Sun-Sky Radiometer Site of SONET. <i>Remote Sensing</i> , 2016, 8, 111.	3.8	37
121	Contribution of regional transport to the black carbon aerosol during winter haze period in Beijing. <i>Atmospheric Environment</i> , 2016, 132, 11-18.	3.8	70
122	New insights into PM _{2.5} ; chemical composition and sources in two major cities in China during extreme haze events using aerosol mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3207-3225.	4.6	340
123	Planetary boundary layer height from CALIOP compared to radiosonde over China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9951-9963.	4.6	101
124	Multi-peak accumulation and coarse modes observed from AERONET retrieved aerosol volume size distribution in Beijing. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 537-544.	1.9	12
125	Utilization of AERONET polarimetric measurements for improving retrieval of aerosol microphysics: GSFC, Beijing and Dakar data analysis. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 179, 72-97.	2.9	26
126	Remote sensing of atmospheric particulate mass of dry PM _{2.5} near the ground: Method validation using ground-based measurements. <i>Remote Sensing of Environment</i> , 2016, 173, 59-68.	11.2	113

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127	Characteristics of aerosols over Beijing and Kanpur derived from the AERONET dataset. Atmospheric Pollution Research, 2016, 7, 162-169.	3.8	14
128	Development and validation of the Landsat-8 surface reflectance products using a MODIS-based per-pixel atmospheric correction method. International Journal of Remote Sensing, 2016, 37, 1291-1314.	2.5	22
129	Simple transfer calibration method for a Cimel Sun-Moon photometer: calculating lunar calibration coefficients from Sun calibration constants. Applied Optics, 2016, 55, 7624.	1.8	19
130	Comparison of aerosol properties over Beijing and Kanpur: Optical, physical properties and aerosol component composition retrieved from 12 years ground-based Sun-sky radiometer remote sensing data. Journal of Geophysical Research D: Atmospheres, 2015, 120, 1520-1535.	3.1	36
131	Adaption of the MODIS aerosol retrieval algorithm using airborne spectral surface reflectance measurements over urban areas: a case study. Atmospheric Measurement Techniques, 2015, 8, 5237-5249.	2.9	8
132	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.	3.8	22
133	Aerosol Optical and Microphysical Properties of Four Typical Sites of SONET in China Based on Remote Sensing Measurements. Remote Sensing, 2015, 7, 9928-9953.	3.8	34
134	Evaluation of Polarized Remote Sensing of Aerosol Optical Thickness Retrieval over China. Remote Sensing, 2015, 7, 13711-13728.	3.8	12
135	Spatial and Temporal Variability of Aerosol Vertical Distribution Based on Lidar Observations: A Haze Case Study over Jinhua Basin. Advances in Meteorology, 2015, 2015, 1-8.	2.1	7
136	Method of Aerosol Absorption Detection with Photothermal Interferometry. Procedia Engineering, 2015, 102, 1187-1192.	1.5	2
137	Remote sensing of atmospheric fine particulate matter (PM2.5) mass concentration near the ground from satellite observation. Remote Sensing of Environment, 2015, 160, 252-262.	11.2	260
138	Uncertainties in anthropogenic aerosol concentrations and direct radiative forcing induced by emission inventories in eastern China. Atmospheric Research, 2015, 166, 129-140.	4.2	17
139	Retrieval of aerosol microphysical properties from AERONET photopolarimetric measurements: 2. A new research algorithm and case demonstration. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7079-7098.	3.1	71
140	Development and Validation of a Robust Algorithm for Retrieving Aerosol Optical Depth Over Land From MODIS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1152-1166.	4.8	16
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