Sergey Korkin

List of Publications by Year
in descending order

12 papers	1,074 citations	933447 10 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	1453 citing authors

#	Article	IF	Citations
1	MODIS Collection 6 MAIAC algorithm. Atmospheric Measurement Techniques, 2018, 11, 5741-5765.	3.1	505
2	The AERONET Version 3 aerosol retrieval algorithm, associated uncertainties and comparisons to Version 2. Atmospheric Measurement Techniques, 2020, 13, 3375-3411.	3.1	176
3	Multiangle implementation of atmospheric correction (MAIAC): 1. Radiative transfer basis and look-up tables. Journal of Geophysical Research, 2011, 116, .	3.3	166
4	IPRT polarized radiative transfer model intercomparison project â€" Phase A. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 164, 8-36.	2.3	80
5	Retrieval of Snow Properties from the Sentinel-3 Ocean and Land Colour Instrument. Remote Sensing, 2019, 11, 2280.	4.0	49
6	Global validation of columnar water vapor derived from EOS MODIS-MAIAC algorithm against the ground-based AERONET observations. Atmospheric Research, 2019, 225, 181-192.	4.1	32
7	Vector radiative transfer code SORD: Performance analysis and quick start guide. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 200, 295-310.	2.3	20
8	Matrix exponential in C/C++ version of vector radiative transfer code IPOL. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 227, 106-110.	2.3	12
9	Revised and extended benchmark results for Rayleigh scattering of sunlight in spherical atmospheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 254, 107181.	2.3	12
10	Retrievals of Aerosol Optical Depth and Spectral Absorption From DSCOVR EPIC. Frontiers in Remote Sensing, 2021, 2, .	3.5	12
11	Accuracy of RT code SORD for realistic atmospheric profiles. Proceedings of SPIE, 2016, , .	0.8	2
12	A new code SORD for simulation of polarized light scattering in the Earth atmosphere. Proceedings of SPIE, 2016, , .	0.8	1