Sergey Korkin

List of Publications by Year
in descending order

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Version: 2024-02-01

12	1,074	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	1453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Retrievals of Aerosol Optical Depth and Spectral Absorption From DSCOVR EPIC. Frontiers in Remote Sensing, 2021, 2, .	3.5	12
2	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
3	The AERONET Version 3 aerosol retrieval algorithm, associated uncertainties and comparisons to Version 2. Atmospheric Measurement Techniques, 2020, 13, 3375-3411.	3.1	176
4	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
5	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
6	Retrieval of Snow Properties from the Sentinel-3 Ocean and Land Colour Instrument. Remote Sensing, 2019, 11, 2280.	4.0	49
7	MODIS Collection 6 MAIAC algorithm. Atmospheric Measurement Techniques, 2018, 11, 5741-5765.	3.1	505
8	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
9	Accuracy of RT code SORD for realistic atmospheric profiles. Proceedings of SPIE, 2016, , .	0.8	2
10	A new code SORD for simulation of polarized light scattering in the Earth atmosphere. Proceedings of SPIE, 2016, , .	0.8	1
11	IPRT polarized radiative transfer model intercomparison project â€“ Phase A. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 164, 8-36.	2.3	80
12	Multiangle implementation of atmospheric correction (MAIAC): 1. Radiative transfer basis and look-up tables. Journal of Geophysical Research, 2011, 116, .	3.3	166