

Colin J Seftor

List of Publications by Year in descending order

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18
papers

428
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1163065

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22
docs citations

22
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol Layer Height With Enhanced Spectral Coverage Achieved by Synergy Between VIIRS and OMPS-NM Measurements. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 949-953.	3.1	9
2	Quantifying the Source Term and Uniqueness of the August 12, 2017 Pacific Northwest PyroCb Event. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034928.	3.3	11
3	Evaluation of Version 3 Total and Tropospheric Ozone Columns From Earth Polychromatic Imaging Camera on Deep Space Climate Observatory for Studying Regional Scale Ozone Variations. Frontiers in Remote Sensing, 2021, 2, .	3.5	5
4	Dayâ€œNight Monitoring of Volcanic SO2 and Ash Clouds for Aviation Avoidance at Northern Polar Latitudes. Remote Sensing, 2021, 13, 4003.	4.0	3
5	Trends in global tropospheric ozone inferred from a composite record of TOMS/OMI/MLS/OMPS satellite measurements and the MERRA-2 GMI simulation. Atmospheric Chemistry and Physics, 2019, 19, 3257-3269.	4.9	119
6	Smithsonian Astrophysical Observatory Ozone Mapping and Profiler Suite (SAO OMPS) formaldehyde retrieval. Atmospheric Measurement Techniques, 2016, 9, 2797-2812.	3.1	48
7	Evaluating the Height of Biomass Burning Smoke Aerosols Retrieved from Synergistic Use of Multiple Satellite Sensors over Southeast Asia. Aerosol and Air Quality Research, 2016, 16, 2831-2842.	2.1	13
8	Retrieving the height of smoke and dust aerosols by synergistic use of VIIRS, OMPS, and CALIOP observations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 8372-8388.	3.3	27
9	Postlaunch performance of the Suomi National Polar-orbiting Partnership Ozone Mapping and Profiler Suite (OMPS) nadir sensors. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4413-4428.	3.3	70
10	First results from a rotational Raman scattering cloud algorithm applied to the Suomi National Polar-orbiting Partnership (NPP) Ozone Mapping and Profiler Suite (OMPS) Nadir Mapper. Atmospheric Measurement Techniques, 2014, 7, 2897-2906.	3.1	6
11	Real Time Volcanic Cloud Products and Predictions for Aviation Alerts. , 2014, , .		1
12	Measuring the Antarctic ozone hole with the new Ozone Mapping and Profiler Suite (OMPS). Atmospheric Chemistry and Physics, 2014, 14, 2353-2361.	4.9	41
13	The Ozone Mapping and Profiler Suite. , 2006, , 279-296.		29
14	<title>End-to-end modeling of the ozone mapping and profiler suite</title>. , 2004, , .		1
15	An overview of the nadir sensor and algorithms for the NPOESS ozone mapping and profiler suite (OMPS). , 2003, , .		24
16	OMPS total column algorithm performance: comparison to TOMS and to the NPOESS requirements. , 2003, 4891, 1.		5
17	<title>Version 2 TOMS UV algorithm: problems and enhancements</title>. , 2002, 4482, 82.		8
18	<title>TOMS profile shape error estimates at high latitude</title>. , 1993, , .		2