

Katerina Garane

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

402
citations

1040056

9
h-index

1125743

13
g-index

32
all docs

32
docs citations

32
times ranked

609
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar UV Irradiance in a Changing Climate: Trends in Europe and the Significance of Spectral Monitoring in Italy. <i>Environments - MDPI</i> , 2020, 7, 1.	3.3	39
2	Validation of the TROPOspheric Monitoring Instrument (TROPOMI) surface UV radiation product. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6999-7024.	3.1	17
3	Towards an Algorithm for Near Real Time Profiling of Aerosol Species, Trace Gases, and Clouds Based on the Synergy of Remote Sensing Instruments. <i>EPJ Web of Conferences</i> , 2020, 237, 08023.	0.3	1
4	TROPOMI/S5P total ozone column data: global ground-based validation and consistency with other satellite missions. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5263-5287.	3.1	77
5	Validation of the IASI FORLI/EUMETSAT ozone products using satellite (GOME-2), ground-based (Brewerâ€“Dobson, SAOZ, FTIR) and ozonesonde measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5125-5152.	3.1	47
6	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) â€“ Part 1: Ground-based validation of total ozone column data products. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1385-1402.	3.1	26
7	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) â€“ Part 2: Ground-based validation of nadir ozone profile data products. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3769-3800.	3.1	7
8	Temperature dependence of the Brewer global UV measurements. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4491-4505.	3.1	8
9	Evaluating the Performance of the RegCM-Chem4 Model in the Simulation of Ozone Levels During Heat Waves in China. <i>Springer Atmospheric Sciences</i> , 2017, , 1051-1057.	0.3	1
10	Factors affecting solar ultraviolet irradiance measured since 1990 at Thessaloniki, Greece. <i>International Journal of Remote Sensing</i> , 2009, 30, 4167-4179.	2.9	18
11	Comparison of satellite-derived UV irradiances with ground-based measurements at four European stations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	46
12	Quality assurance of the Greek UV Network: preliminary results from the pilot phase operation. , 2006, , .		9
13	Estimation of UV irradiance from ancillary data and comparison with measurements at Thessaloniki, Greece (40.5Â°N, 23Â°E). , 2006, , .		8
14	Variability of spectral UV irradiance at Thessaloniki, Greece, from 15 years of measurements. , 2005, , .		4
15	Direct spectral measurements with a Brewer spectroradiometer: absolute calibration and aerosol optical depth retrieval. <i>Applied Optics</i> , 2005, 44, 1681.	2.1	64
16	Portable device for characterizing the angular response of UV spectroradiometers. <i>Applied Optics</i> , 2005, 44, 7136.	2.1	13