Emmanouil Proestakis

List of Publications by Year
in descending order

20	736	623734	794594
papers	citations	14 h-index	19 g-index

44	44	44	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assimilating spaceborne lidar dust extinction can improve dust forecasts. Atmospheric Chemistry and Physics, 2022, 22, 535-560.	4.9	5
2	Effect of Aerosol Vertical Distribution on the Modeling of Solar Radiation. Remote Sensing, 2022, 14, 1143.	4.0	2
3	Quantification of the dust optical depth across spatiotemporal scales with the MIDAS global dataset (2003â€“2017). Atmospheric Chemistry and Physics, 2022, 22, 3553-3578.	4.9	19
4	Dust Climatology of Turkey as a Part of the Eastern Mediterranean Basin via 9-Year CALIPSO-Derived Product. Atmosphere, 2022, 13, 733.	2.3	7
5	Modls Dust AeroSol (MIDAS): a global fine-resolution dust optical depth data set. Atmospheric Measurement Techniques, 2021, 14, 309-334.	3.1	51
6	Forecasting dust impact on solar energy using remote sensing and modeling techniques. Solar Energy, 2021, 228, 317-332.	6.1	14
7	A First Case Study of CCN Concentrations from Spaceborne Lidar Observations. Remote Sensing, 2020, 12, 1557.	4.0	22
8	On the retrieval of aerosol optical depth over cryosphere using passive remote sensing. Remote Sensing of Environment, 2020, 241, 111731.	11.0	13
9	EARLINET evaluation of the CATS Level 2 aerosol backscatter coefficient product. Atmospheric Chemistry and Physics, 2019, 19, 11743-11764.	4.9	16
10	Advancing the remote sensing of desert dust. , 2019, , .		0
11	Nine-year spatial and temporal evolution of desert dust aerosols over South and East Asia as revealed by CALIOP. Atmospheric Chemistry and Physics, 2018, 18, 1337-1362.	4.9	112
12	Two decades of satellite observations of AOD over mainland China using ATSR-2, AATSR and MODIS/Terra: data set evaluation and large-scale patterns. Atmospheric Chemistry and Physics, 2018, 18, 1573-1592.	4.9	105
13	Earth-Observation-Based Estimation and Forecasting of Particulate Matter Impact on Solar Energy in Egypt. Remote Sensing, 2018, 10, 1870.	4.0	39
14	Evaluation of the BSC-DREAM8b regional dust model using the 3D LIVAS-CALIPSO product. Atmospheric Environment, 2018, 195, 46-62.	4.1	19
15	An Assessment of Atmospheric and Meteorological Factors Regulating Red Sea Phytoplankton Growth. Remote Sensing, 2018, 10, 673.	4.0	22
16	Spatial and seasonal variations of aerosols over China from two decades of multi-satellite observations â€“ Part 1: ATSR (1995â€“2011) and MODIS C6.1 (2000â€“2017). Atmospheric Chemistry and Physics, 2018, 18, 11389-11407.	4.9	52
17	From Tropospheric Folding to Khamsin and Foehn Winds: How Atmospheric Dynamics Advanced a Record-Breaking Dust Episode in Crete. Atmosphere, 2018, 9, 240.	2.3	49
18	Modification of Local Urban Aerosol Properties by Long-Range Transport of Biomass Burning Aerosol. Remote Sensing, 2018, 10, 412.	4.0	37

#	Article	IF	Citations
19	Dust impact on surface solar irradiance assessed with model simulations, satellite observations and ground-based measurements. Atmospheric Measurement Techniques, 2017, 10, 2435-2453.	3.1	89
20	An exploratory study on the aerosol height retrieval from OMI measurements of the 477â€¯nm O₂â€‰â€‰O₂ spectral band using a neural network approach. Atmospheric Measurement Techniques, 2017, 10, 783-809.	3.1	41