

Emmanouil Proestakis

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

736
citations

623734

14
h-index

794594

19
g-index

44
all docs

44
docs citations

44
times ranked

1054
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nine-year spatial and temporal evolution of desert dust aerosols over South and East Asia as revealed by CALIOP. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1337-1362. | 4.9 | 112 |
| 2 | Two decades of satellite observations of AOD over mainland China using ATSR-2, AATSR and MODIS/Terra: data set evaluation and large-scale patterns. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1573-1592. | 4.9 | 105 |
| 3 | Dust impact on surface solar irradiance assessed with model simulations, satellite observations and ground-based measurements. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2435-2453. | 3.1 | 89 |
| 4 | Spatial and seasonal variations of aerosols over China from two decades of multi-satellite observations – Part 1: ATSR (1995–2011) and MODIS C6.1 (2000–2017). <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11389-11407. | 4.9 | 52 |
| 5 | ModIs Dust AeroSol (MIDAS): a global fine-resolution dust optical depth data set. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 309-334. | 3.1 | 51 |
| 6 | From Tropospheric Folding to Khamsin and Foehn Winds: How Atmospheric Dynamics Advanced a Record-Breaking Dust Episode in Crete. <i>Atmosphere</i> , 2018, 9, 240. | 2.3 | 49 |
| 7 | An exploratory study on the aerosol height retrieval from OMI measurements of the 477-nm O ₂ spectral band using a neural network approach. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 783-809. | | 41 |
| 8 | Earth-Observation-Based Estimation and Forecasting of Particulate Matter Impact on Solar Energy in Egypt. <i>Remote Sensing</i> , 2018, 10, 1870. | 4.0 | 39 |
| 9 | Modification of Local Urban Aerosol Properties by Long-Range Transport of Biomass Burning Aerosol. <i>Remote Sensing</i> , 2018, 10, 412. | 4.0 | 37 |
| 10 | An Assessment of Atmospheric and Meteorological Factors Regulating Red Sea Phytoplankton Growth. <i>Remote Sensing</i> , 2018, 10, 673. | 4.0 | 22 |
| 11 | A First Case Study of CCN Concentrations from Spaceborne Lidar Observations. <i>Remote Sensing</i> , 2020, 12, 1557. | 4.0 | 22 |
| 12 | Evaluation of the BSC-DREAM8b regional dust model using the 3D LIVAS-CALIPSO product. <i>Atmospheric Environment</i> , 2018, 195, 46-62. | 4.1 | 19 |
| 13 | Quantification of the dust optical depth across spatiotemporal scales with the MIDAS global dataset (2003–2017). <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3553-3578. | 4.9 | 19 |
| 14 | EARLINET evaluation of the CATS Level 2 aerosol backscatter coefficient product. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11743-11764. | 4.9 | 16 |
| 15 | Forecasting dust impact on solar energy using remote sensing and modeling techniques. <i>Solar Energy</i> , 2021, 228, 317-332. | 6.1 | 14 |
| 16 | On the retrieval of aerosol optical depth over cryosphere using passive remote sensing. <i>Remote Sensing of Environment</i> , 2020, 241, 111731. | 11.0 | 13 |
| 17 | Dust Climatology of Turkey as a Part of the Eastern Mediterranean Basin via 9-Year CALIPSO-Derived Product. <i>Atmosphere</i> , 2022, 13, 733. | 2.3 | 7 |
| 18 | Assimilating spaceborne lidar dust extinction can improve dust forecasts. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 535-560. | 4.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of Aerosol Vertical Distribution on the Modeling of Solar Radiation. Remote Sensing, 2022, 14, 1143. | 4.0 | 2 |
| 20 | Advancing the remote sensing of desert dust. , 2019, , . | | 0 |