

Athanasios Tsikerdekis

List of Publications by Year in descending order

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14
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858243

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1733
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#	ARTICLE	IF	CITATIONS
1	Estimating aerosol emission from SPEXone on the NASA PACE mission using an ensemble Kalman smoother: observing system simulation experiments (OSSEs). <i>Geoscientific Model Development</i> , 2022, 15, 3253-3279.	1.3	3
2	Assimilating aerosol optical properties related to size and absorption from POLDER/PARASOL with an ensemble data assimilation system. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2637-2674.	1.9	21
3	Alteration of the Ecohydrological Status of the Intermittent Flow Rivers and Ephemeral Streams due to the Climate Change Impact (Case Study: Tsiknias River). <i>Hydrology</i> , 2021, 8, 43.	1.3	5
4	Direct and semi-direct radiative effect of North African dust in present and future regional climate simulations. <i>Climate Dynamics</i> , 2019, 53, 4311-4336.	1.7	19
5	A 3-D evaluation of the MACC reanalysis dust product over Europe, northern Africa and Middle East using CALIOP/CALIPSO dust satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8601-8620.	1.9	21
6	Three-dimensional evolution of Saharan dust transport towards Europe based on a 9-year EARLINET-optimized CALIPSO dataset. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5893-5919.	1.9	117
7	Impact of dust size parameterizations on aerosol burden and radiative forcing in RegCM4. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 769-791.	1.9	17
8	Spatiotemporal variability and contribution of different aerosol types to the aerosol optical depth over the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13853-13884.	1.9	71
9	Climate change but not unemployment explains the changing suicidality in Thessaloniki Greece (2000-2012). <i>Journal of Affective Disorders</i> , 2016, 193, 331-338.	2.0	23
10	On the ability of RegCM4 regional climate model to simulate surface solar radiation patterns over Europe: an assessment using satellite-based observations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13195-13216.	1.9	32
11	Evaluation of near-surface ozone over Europe from the MACC reanalysis. <i>Geoscientific Model Development</i> , 2015, 8, 2299-2314.	1.3	34
12	Regional climate hindcast simulations within EURO-CORDEX: evaluation of a WRF multi-physics ensemble. <i>Geoscientific Model Development</i> , 2015, 8, 603-618.	1.3	175
13	Tropospheric chemistry in the Integrated Forecasting System of ECMWF. <i>Geoscientific Model Development</i> , 2015, 8, 975-1003.	1.3	204
14	Transient high-resolution regional climate simulation for Greece over the period 1960-2100: evaluation and future projections. <i>Climate Research</i> , 2015, 64, 123-140.	0.4	25