

Amir H Souri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10984711/publications.pdf>

Version: 2024-02-01

12
papers

302
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Dealing with spatial heterogeneity in pointwise-to-gridded- data comparisons. Atmospheric Measurement Techniques, 2022, 15, 41-59.	3.1	10
2	The Impact of Springtimeâ€Transported Air Pollutants on Local Air Quality With Satelliteâ€Constrained NO _x Emission Adjustments Over East Asia. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	14
3	Development and Implementation of a Physicsâ€Based Convective Mixing Scheme in the Community Multiscale Air Quality Modeling Framework. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002475.	3.8	11
4	Unraveling pathways of elevated ozone induced by the 2020 lockdown in Europe by an observationally constrained regional model using TROPOMI. Atmospheric Chemistry and Physics, 2021, 21, 18227-18245.	4.9	25
5	Quantifying the Impact of Excess Moisture From Transpiration From Crops on an Extreme Heat Wave Event in the Midwestern U.S.: A Topâ€Down Constraint From Moderate Resolution Imaging Spectroradiometer Water Vapor Retrieval. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031941.	3.3	5
6	Revisiting the effectiveness of HCHO/NO ₂ ratios for inferring ozone sensitivity to its precursors using high resolution airborne remote sensing observations in a high ozone episode during the KORUS-AQ campaign. Atmospheric Environment, 2020, 224, 117341.	4.1	65
7	Response of Hurricane Harveyâ€s rainfall to anthropogenic aerosols: A sensitivity study based on spectral bin microphysics with simulated aerosols. Atmospheric Research, 2020, 242, 104965.	4.1	9
8	An inversion of NO _x and non-methane volatile organic compound (NMVOC) emissions using satellite observations during the KORUS-AQ campaign and implications for surface ozone over East Asia. Atmospheric Chemistry and Physics, 2020, 20, 9837-9854.	4.9	30
9	Modeling Wildfire Smoke Feedback Mechanisms Using a Coupled Fireâ€Atmosphere Model With a Radiatively Active Aerosol Scheme. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9099-9116.	3.3	32
10	The Impact of the Direct Effect of Aerosols on Meteorology and Air Quality Using Aerosol Optical Depth Assimilation During the KORUSâ€AQ Campaign. Journal of Geophysical Research D: Atmospheres, 2019, 124, 8303-8319.	3.3	49
11	First Topâ€Down Estimates of Anthropogenic NO _x Emissions Using Highâ€Resolution Airborne Remote Sensing Observations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3269-3284.	3.3	21
12	Quantifying the Impact of Biomass Burning Emissions on Major Inorganic Aerosols and Their Precursors in the U.S.. Journal of Geophysical Research D: Atmospheres, 2017, 122, 12,020.	3.3	31