

Kathleen A Mar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12051850/publications.pdf>

Version: 2024-02-01

11
papers

535
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of temperature on ozone production under varying NO _x conditions – a modelling study. Atmospheric Chemistry and Physics, 2016, 16, 11601-11615.	4.9	146
2	Air quality modelling in the Berlin-Brandenburg region using WRF-Chem v3.7.1: sensitivity to resolution of model grid and input data. Geoscientific Model Development, 2016, 9, 4339-4363.	3.6	77
3	Ozone air quality simulations with WRF-Chem (v3.5.1) over Europe: model evaluation and chemical mechanism comparison. Geoscientific Model Development, 2016, 9, 3699-3728.	3.6	73
4	WRF-Chem simulated surface ozone over south Asia during the pre-monsoon: effects of emission inventories and chemical mechanisms. Atmospheric Chemistry and Physics, 2017, 17, 14393-14413.	4.9	65
5	Nonstatistical Behavior of Reactive Scattering in the 18O+32O ₂ Isotope Exchange Reaction. Journal of the American Chemical Society, 2007, 129, 2866-2870.	13.7	48
6	Beyond CO ₂ equivalence: The impacts of methane on climate, ecosystems, and health. Environmental Science and Policy, 2022, 134, 127-136.	4.9	40
7	The non-statistical dynamics of the 18O + 32O ₂ isotope exchange reaction at two energies. Journal of Chemical Physics, 2014, 141, 064311.	3.0	22
8	Modeling the photochemical origins of the extreme deuterium enrichment in stratospheric H ₂ . Journal of Geophysical Research, 2007, 112, .	3.3	19
9	Potential reductions in ambient NO ₂ concentrations from meeting diesel vehicle emissions standards. Environmental Research Letters, 2017, 12, 114025.	5.2	18
10	A club's contribution to global climate governance: the case of the Climate and Clean Air Coalition. Palgrave Communications, 2020, 6, .	4.7	16
11	A crossed beam study of 18O(3P)+NO ₂ and 18O(1D)+NO ₂ : Isotope exchange and O ₂ +NO formation channels. Journal of Chemical Physics, 2012, 137, 044302.	3.0	5