

# Kathleen A Mar

## List of Publications by Year in descending order

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