

Beth S Nelson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

341
citations

840585

11
h-index

996849

15
g-index

32
all docs

32
docs citations

32
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	AtChem (version 1), an open-source box model for the Master Chemical Mechanism. <i>Geoscientific Model Development</i> , 2020, 13, 169-183.	1.3	42
2	Avoiding high ozone pollution in Delhi, India. <i>Faraday Discussions</i> , 2021, 226, 502-514.	1.6	42
3	Emissions of intermediate-volatility and semi-volatile organic compounds from domestic fuels used in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2407-2426.	1.9	33
4	A comparison of PM _{2.5} -bound polycyclic aromatic hydrocarbons in summer Beijing (China) and Delhi (India). <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14303-14319.	1.9	30
5	Assessing London CO ₂ , CH ₄ and CO emissions using aircraft measurements and dispersion modelling. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8931-8945.	1.9	29
6	Emissions of non-methane volatile organic compounds from combustion of domestic fuels in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2383-2406.	1.9	29
7	In situ ozone production is highly sensitive to volatile organic compounds in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13609-13630.	1.9	28
8	Sources of non-methane hydrocarbons in surface air in Delhi, India. <i>Faraday Discussions</i> , 2021, 226, 409-431.	1.6	23
9	An increasing role for solvent emissions and implications for future measurements of volatile organic compounds. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190328.	1.6	22
10	Trends in stabilisation of Criegee intermediates from alkene ozonolysis. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13698-13706.	1.3	16
11	Comprehensive organic emission profiles, secondary organic aerosol production potential, and OH reactivity of domestic fuel combustion in Delhi, India. <i>Environmental Science Atmospheres</i> , 2021, 1, 104-117.	0.9	11
12	Long-term NO _x measurements in the remote marine tropical troposphere. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3071-3085.	1.2	10
13	Emission estimates and inventories of non-methane volatile organic compounds from anthropogenic burning sources in India. <i>Atmospheric Environment: X</i> , 2021, 11, 100115.	0.8	6
14	Megacity and local contributions to regional air pollution: an aircraft case study over London. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7193-7216.	1.9	6
15	Non-methane volatile organic compounds emitted from domestic fuels in Delhi: Emission factors and total city-wide emissions. <i>Atmospheric Environment: X</i> , 2021, 11, 100127.	0.8	5