

Weiran Li

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

186
citations

1478505

6
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Different HONO Sources for Three Layers at the Urban Area of Beijing. <i>Environmental Science & Technology</i> , 2020, 54, 12870-12880.	10.0	52
2	Pollution characteristics and potential sources of nitrous acid (HONO) in early autumn 2018 of Beijing. <i>Science of the Total Environment</i> , 2020, 735, 139317.	8.0	27
3	Photocatalytic Oxidation of SO ₂ by TiO ₂ : Aerosol Formation and the Key Role of Gaseous Reactive Oxygen Species. <i>Environmental Science & Technology</i> , 2021, 55, 9784-9793.	10.0	25
4	Contribution of Vehicle Emission and NO ₂ Surface Conversion to Nitrous Acid (HONO) in Urban Environments: Implications from Tests in a Tunnel. <i>Environmental Science & Technology</i> , 2021, 55, 15616-15624.	10.0	22
5	An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6325-6341.	3.1	16
6	Sources of ambient non-methane hydrocarbon compounds and their impacts on O ₃ formation during autumn, Beijing. <i>Journal of Environmental Sciences</i> , 2022, 114, 85-97.	6.1	10
7	Kinetic study of the gas-phase reaction of O ₃ with three unsaturated alcohols. <i>Journal of Environmental Sciences</i> , 2018, 71, 292-299.	6.1	7
8	Reaction mechanism and kinetics of Criegee intermediate and hydroperoxymethyl formate. <i>Journal of Environmental Sciences</i> , 2021, 105, 128-137.	6.1	6
9	Effect of Different Combustion Processes on Atmospheric Nitrous Acid Formation Mechanisms: A Winter Comparative Observation in Urban, Suburban and Rural Areas of the North China Plain. <i>Environmental Science & Technology</i> , 2022, 56, 4828-4837.	10.0	6
10	Comparative observation of atmospheric nitrous acid (HONO) in Xi'an and Xianyang located in the GuanZhong basin of western China. <i>Environmental Pollution</i> , 2021, 289, 117679.	7.5	4
11	Formation mechanisms of nitrous acid (HONO) during the haze and non-haze periods in Beijing, China. <i>Journal of Environmental Sciences</i> , 2022, 114, 343-353.	6.1	4
12	Kinetic and mechanism studies of the ozonolysis of three unsaturated ketones. <i>Journal of Environmental Sciences</i> , 2020, 95, 23-32.	6.1	3
13	Study on ozonolysis of asymmetric alkenes with matrix isolation and FT-IR spectroscopy. <i>Chemosphere</i> , 2020, 252, 126413.	8.2	2
14	The gas-phase reaction kinetics of different structure of unsaturated alcohols and ketones with O ₃ . <i>Atmospheric Environment</i> , 2021, 254, 118394.	4.1	2