

Kazuyo

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

2,614
citations

22
h-index

51
g-index

71
ext. papers

2,899
ext. citations

4.3
avg, IF

4.65
L-index

#	Paper	IF	Citations
61	Nitrogen oxides concentration and emission change detection during COVID-19 restrictions in North India. <i>Scientific Reports</i> , 2021 , 11, 9800	4.9	11
60	Advantages of Continuous Monitoring of Hourly PM _{2.5} Component Concentrations in Japan for Model Validation and Source Sensitivity Analyses. <i>Asian Journal of Atmospheric Environment</i> , 2021 , 15, 1-29	1.3	4
59	Insights into seasonal variation of wet deposition over southeast Asia via precipitation adjustment from the findings of MICS-Asia III. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 8709-8734	6.8	1
58	Year-round modeling of sulfate aerosol over Asia through updates of aqueous-phase oxidation and gas-phase reactions with stabilized Criegee intermediates. <i>Atmospheric Environment: X</i> , 2021 , 12, 100123	2.8	2
57	Dominance of the residential sector in Chinese black carbon emissions as identified from downwind atmospheric observations during the COVID-19 pandemic.. <i>Scientific Reports</i> , 2021 , 11, 23378	4.9	1
56	Comprehensive analyses of source sensitivities to and apportionments of PM _{2.5} and ozone over Japan via multiple numerical techniques 2020 ,		1
55	Model Performance Differences in Fine-Mode Nitrate Aerosol during Wintertime over Japan in the J-STREAM Model Inter-Comparison Study. <i>Atmosphere</i> , 2020 , 11, 511	2.7	4
54	Model Inter-Comparison for PM _{2.5} Components over urban Areas in Japan in the J-STREAM Framework. <i>Atmosphere</i> , 2020 , 11, 222	2.7	11
53	Why do models perform differently on particulate matter over East Asia? A multi-model intercomparison study for MICS-Asia III. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 7393-7410	6.8	13
52	Rapid reduction in black carbon emissions from China: evidence from 2009-2019 observations on Fukue Island, Japan. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6339-6356	6.8	18
51	Can Delhi's Pollution be Affected by Crop Fires in the Punjab Region?. <i>Scientific Online Letters on the Atmosphere</i> , 2020 , 16, 86-91	2.1	10
50	Comprehensive analyses of source sensitivities and apportionments of PM _{2.5} and ozone over Japan via multiple numerical techniques. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10311-10329	6.8	20
49	Model Inter-Comparison Study for Asia (MICS-Asia) phase III: multimodel comparison of reactive nitrogen deposition over China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10587-10610	6.8	9
48	MICS-Asia III: Multi-model comparison of reactive Nitrogen deposition over China 2020 ,		2
47	Identifying key factors influencing model performance on ground-level ozone over urban areas in Japan through model inter-comparisons. <i>Atmospheric Environment</i> , 2020 , 223, 117255	5.3	8
46	PM diminution and haze events over Delhi during the COVID-19 lockdown period: an interplay between the baseline pollution and meteorology. <i>Scientific Reports</i> , 2020 , 10, 13442	4.9	39
45	Evaluation and uncertainty investigation of the NO ₂ , CO and NH ₃ modeling over China under the framework of MICS-Asia III. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 181-202	6.8	24

44	MICS-Asia III: overview of model intercomparison and evaluation of acid deposition over Asia. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 2667-2693	6.8	30
43	Why models perform differently on particulate matter over East Asia? A multi-model intercomparison study for MICS-Asia III 2019 ,		3
42	Model evaluation and inter-comparison of surface-level ozone and relevant species in East Asia in the context of MICS-Asia phase III Part I: overview 2019 ,		3
41	Evaluation and uncertainty investigation of the NO ₂ , CO and NH ₃ ; modeling over China under the framework of MICS-Asia III 2019 ,		1
40	MICS-Asia III: Multi-model comparison and evaluation of aerosol over East Asia 2019 ,		1
39	MICS-Asia III: Overview of model inter-comparison and evaluation of acid deposition over Asia 2019 ,		1
38	Differences in Model Performance and Source Sensitivities for Sulfate Aerosol Resulting from Updates of the Aqueous- and Gas-Phase Oxidation Pathways for a Winter Pollution Episode in Tokyo, Japan. <i>Atmosphere</i> , 2019 , 10, 544	2.7	4
37	MICS-Asia III: multi-model comparison and evaluation of aerosol over East Asia. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 11911-11937	6.8	35
36	Model evaluation and intercomparison of surface-level ozone and relevant species in East Asia in the context of MICS-Asia Phase III Part 1: Overview. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 12993-13015	6.8	33
35	Uncertainties in O ₃ concentrations simulated by CMAQ over Japan using four chemical mechanisms. <i>Atmospheric Environment</i> , 2019 , 198, 448-462	5.3	18
34	Overview of Model Inter-Comparison in Japan Study for Reference Air Quality Modeling (J-STREAM). <i>Atmosphere</i> , 2018 , 9, 19	2.7	24
33	Effects of a Detailed Vegetation Database on Simulated Meteorological Fields, Biogenic VOC Emissions, and Ambient Pollutant Concentrations over Japan. <i>Atmosphere</i> , 2018 , 9, 179	2.7	13
32	Urban Air Quality Model Inter-Comparison Study (UMICS) for Improvement of PM _{2.5} Simulation in Greater Tokyo Area of Japan. <i>Asian Journal of Atmospheric Environment</i> , 2018 , 12, 139-152	1.3	9
31	Model Performance Differences in Sulfate Aerosol in Winter over Japan Based on Regional Chemical Transport Models of CMAQ and CAMx. <i>Atmosphere</i> , 2018 , 9, 488	2.7	9
30	Refinement of Modeled Aqueous-Phase Sulfate Production via the Fe- and Mn-Catalyzed Oxidation Pathway. <i>Atmosphere</i> , 2018 , 9, 132	2.7	16
29	Seasonal Response of North Western Pacific Marine Ecosystems to Deposition of Atmospheric Inorganic Nitrogen Compounds from East Asia. <i>Scientific Reports</i> , 2018 , 8, 9324	4.9	13
28	Observed and Modeled Mass Concentrations of Organic Aerosols and PM _{2.5} at Three Remote Sites around the East China Sea: Roles of Chemical Aging. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 3091-3105	4.6	4
27	Diurnal variations of fossil and nonfossil carbonaceous aerosols in Beijing. <i>Atmospheric Environment</i> , 2015 , 122, 349-356	5.3	3

26	Source region attribution of PM2.5 mass concentrations over Japan. <i>Geochemical Journal</i> , 2015 , 49, 185-194	2.4	11
25	Influence of model grid resolution on NO2 vertical column densities over East Asia. <i>Journal of the Air and Waste Management Association</i> , 2014 , 64, 436-44	2.4	11
24	Sensitivity analysis of source regions to PM2.5 concentration at Fukue Island, Japan. <i>Journal of the Air and Waste Management Association</i> , 2014 , 64, 445-52	2.4	35
23	Emissions of nonmethane volatile organic compounds from open crop residue burning in the Yangtze River Delta region, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 7684-7698	4.4	37
22	Sensitivity analyses of factors influencing CMAQ performance for fine particulate nitrate. <i>Journal of the Air and Waste Management Association</i> , 2014 , 64, 374-87	2.4	28
21	Investigating Impacts on Atmospheric Environment from Ship Emissions by Using Numerical Simulations. <i>Journal of the Japan Institute of Marine Engineering</i> , 2014 , 49, 770-775	0.1	1
20	Evaluation of the Effect of Surface Ozone on Main Crops in East Asia: 2000, 2005, and 2020. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	5
19	Overview of the Mount Tai Experiment (MTX2006) in central East China in June 2006: studies of significant regional air pollution. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8265-8283	6.8	36
18	Uplifting of Asian Continental Pollution Plumes from the Boundary Layer to the Free Atmosphere over the Northwestern Pacific Rim in Spring. <i>Scientific Online Letters on the Atmosphere</i> , 2013 , 9, 40-44	2.1	7
17	Investigating the response of East Asian ozone to Chinese emission changes using a linear approach. <i>Atmospheric Environment</i> , 2012 , 55, 475-482	5.3	18
16	Evaluation of Premature Mortality Caused by Exposure to PM2.5 and Ozone in East Asia: 2000, 2005, 2020. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 3445-3459	2.6	48
15	Impacts of aerosols on summertime tropospheric photolysis frequencies and photochemistry over Central Eastern China. <i>Atmospheric Environment</i> , 2011 , 45, 1817-1829	5.3	97
14	Impact of open crop residual burning on air quality over Central Eastern China during the Mount Tai Experiment 2006 (MTX2006). <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 7353-7368	6.8	60
13	Future prediction of surface ozone over east Asia using Models-3 Community Multiscale Air Quality Modeling System and Regional Emission Inventory in Asia. <i>Journal of Geophysical Research</i> , 2008 , 113,		83
12	Near-ground ozone source attributions and outflow in central eastern China during MTX2006. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 7335-7351	6.8	83
11	Impact of Chemical Production and Transport on Summertime Diurnal Ozone Behavior at a Mountainous Site in North China Plain. <i>Scientific Online Letters on the Atmosphere</i> , 2008 , 4, 121-124	2.1	13
10	Long-Term Simulations of Surface Ozone in East Asia During 1980-2020 with CMAQ and REAS Inventory. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008 , 136-144		9
9	Systematic analysis of interannual and seasonal variations of model-simulated tropospheric NO ₂ in Asia and comparison with GOME-satellite data. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 1671-1681	6.8	109

8	An Asian emission inventory of anthropogenic emission sources for the period 1980-2020. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 4419-4444	6.8	1134
7	Recent Trends and Future Projections in Asian Air Pollution. <i>Journal of Disaster Research</i> , 2007 , 2, 163-172	3	
6	Analysis of the seasonal variation of ozone in the boundary layer in East Asia using the Community Multi-scale Air Quality model: What controls surface ozone levels over Japan?. <i>Atmospheric Environment</i> , 2006 , 40, 1856-1868	5.3	114
5	Significant latitudinal gradient in the surface ozone spring maximum over East Asia. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	85
4	Regional-specific emission inventory for NH ₃ , N ₂ O, and CH ₄ via animal farming in South, Southeast, and East Asia. <i>Atmospheric Environment</i> , 2004 , 38, 7111-7121	5.3	55
3	A country-specific, high-resolution emission inventory for methane from livestock in Asia in 2000. <i>Atmospheric Environment</i> , 2003 , 37, 4393-4406	5.3	46
2	Theoretical Estimation of the Solvent Effect of the Lithium Isotopic Reduced Partition Function Ratio. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 7832-7844	2.8	5
1	Theoretical Estimation of Lithium Isotopic Reduced Partition Function Ratio for Lithium Ions in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 602-613	2.8	71