

Zhe Wang

List of Publications by Year in descending order

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115
papers

4,990
citations

87401

40
h-index

124990

64
g-index

175
all docs

175
docs citations

175
times ranked

4489
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Secondary Formation and Impacts of Gaseous Nitro-Phenolic Compounds in the Continental Outflow Observed at a Background Site in South China. <i>Environmental Science & Technology</i> , 2022, 56, 6933-6943. | 4.6 | 20 |
| 2 | Measurement report: Long-term changes in black carbon and aerosol optical properties from 2012 to 2020 in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 561-575. | 1.9 | 32 |
| 3 | Assessment of the H ₂ O ₂ budget at an urban site concerning the HO ₂ underprediction and the vertical transport from residual layers. <i>Atmospheric Environment</i> , 2022, 272, 118952. | 1.9 | 0 |
| 4 | Reactions of C ₁₂ -C ₁₄ n-Alkylcyclohexanes with Cl Atoms: Kinetics and Secondary Organic Aerosol Formation. <i>Environmental Science & Technology</i> , 2022, 56, 4859-4870. | 4.6 | 7 |
| 5 | Secondary organic aerosol formed by condensing anthropogenic vapours over China's megacities. <i>Nature Geoscience</i> , 2022, 15, 255-261. | 5.4 | 64 |
| 6 | Carbonyl compounds in the atmosphere: A review of abundance, source and their contributions to O ₃ and SOA formation. <i>Atmospheric Research</i> , 2022, 274, 106184. | 1.8 | 19 |
| 7 | The chemical composition and mixing state of BC-containing particles and the implications on light absorption enhancement. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7619-7630. | 1.9 | 10 |
| 8 | Effect of NO ₂ on nocturnal chemistry of isoprene: Gaseous oxygenated products and secondary organic aerosol formation. <i>Science of the Total Environment</i> , 2022, , 156908. | 3.9 | 0 |
| 9 | Fast Nocturnal Heterogeneous Chemistry in a Coastal Background Atmosphere and Its Implications for Daytime Photochemistry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, . | 1.2 | 5 |
| 10 | Temporal Source Apportionment of PM _{2.5} Over the Pearl River Delta Region in Southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, . | 1.2 | 2 |
| 11 | Optical properties closure and sources of size-resolved aerosol in Nanjing around summer harvest period. <i>Atmospheric Environment</i> , 2021, 244, 118017. | 1.9 | 4 |
| 12 | In situ continuous hourly observations of wintertime nitrate, sulfate and ammonium in a megacity in the North China plain from 2014 to 2019: Temporal variation, chemical formation and regional transport. <i>Chemosphere</i> , 2021, 262, 127745. | 4.2 | 17 |
| 13 | Simultaneous Gd ₂ O ₃ clusters decoration and O-doping of g-C ₃ N ₄ by solvothermal-polycondensation method for reinforced photocatalytic activity towards sulfamerazine. <i>Journal of Hazardous Materials</i> , 2021, 402, 123780. | 6.5 | 17 |
| 14 | Characteristics and sources of volatile organic compounds during high ozone episodes: A case study at a site in the eastern Guanzhong Plain, China. <i>Chemosphere</i> , 2021, 265, 129072. | 4.2 | 35 |
| 15 | Secondary Production of Gaseous Nitrated Phenols in Polluted Urban Environments. <i>Environmental Science & Technology</i> , 2021, 55, 4410-4419. | 4.6 | 26 |
| 16 | Planning considerations of green corridors for the improvement of biodiversity resilience in suburban areas. <i>Journal of Infrastructure Preservation and Resilience</i> , 2021, 2, 6. | 1.5 | 4 |
| 17 | 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. | 1.9 | 8 |
| 18 | Measurement of heterogeneous uptake of NO ₂ on inorganic particles, sea water and urban grime. <i>Journal of Environmental Sciences</i> , 2021, 106, 124-135. | 3.2 | 17 |

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|----|--|-----|-----------|
| 19 | Contribution of Atmospheric Oxygenated Organic Compounds to Particle Growth in an Urban Environment. <i>Environmental Science & Technology</i> , 2021, 55, 13646-13656. | 4.6 | 32 |
| 20 | Water-soluble brown carbon in atmospheric aerosols along the transport pathway of Asian dust: Optical properties, chemical compositions, and potential sources. <i>Science of the Total Environment</i> , 2021, 789, 147971. | 3.9 | 20 |
| 21 | Formation of condensable organic vapors from anthropogenic and biogenic volatile organic compounds (VOCs) is strongly perturbed by NO _x in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14789-14814. | 1.9 | 26 |
| 22 | Winter ClNO ₂ formation in the region of fresh anthropogenic emissions: seasonal variability and insights into daytime peaks in northern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15985-16000. | 1.9 | 8 |
| 23 | Visible-light photocatalytic degradation of bisphenol A using cobalt-to-oxygen doped graphitic carbon nitride with nitrogen vacancies via metal-to-ligand charge transfer. <i>Journal of Hazardous Materials</i> , 2020, 384, 121247. | 6.5 | 48 |
| 24 | Transport Patterns, Size Distributions, and Depolarization Characteristics of Dust Particles in East Asia in Spring 2018. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031752. | 1.2 | 13 |
| 25 | Efficient Conversion of NO to NO ₂ on SO ₂ -Aged MgO under Atmospheric Conditions. <i>Environmental Science & Technology</i> , 2020, 54, 11848-11856. | 4.6 | 15 |
| 26 | Spatio-Temporal Variations of Atmospheric NH ₃ over East Asia by Comparison of Chemical Transport Model Results, Satellite Retrievals and Surface Observations. <i>Atmosphere</i> , 2020, 11, 900. | 1.0 | 4 |
| 27 | Heterogeneous N ₂ O ₅ reactions on atmospheric aerosols at four Chinese sites: improving model representation of uptake parameters. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4367-4378. | 1.9 | 33 |
| 28 | Influence of the morphological change in natural Asian dust during transport: A modeling study for a typical dust event over northern China. <i>Science of the Total Environment</i> , 2020, 739, 139791. | 3.9 | 8 |
| 29 | Significant production of ClNO ₂ and possible source of Cl ₂ from N ₂ O ₅ uptake at a suburban site in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6147-6158. | 1.9 | 29 |
| 30 | Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong SAR. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 391-407. | 1.9 | 25 |
| 31 | Atmospheric Photosensitization: A New Pathway for Sulfate Formation. <i>Environmental Science & Technology</i> , 2020, 54, 3114-3120. | 4.6 | 65 |
| 32 | Comprehensive characterization of hygroscopic properties of methanesulfonates. <i>Atmospheric Environment</i> , 2020, 224, 117349. | 1.9 | 5 |
| 33 | Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. <i>Environmental Science and Technology Letters</i> , 2020, 7, 70-75. | 3.9 | 12 |
| 34 | Increase of High Molecular Weight Organosulfate With Intensifying Urban Air Pollution in the Megacity Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032200. | 1.2 | 30 |
| 35 | 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. | 1.9 | 41 |
| 36 | Paradigm shift in aerosol chemical composition over regions downwind of China. <i>Scientific Reports</i> , 2020, 10, 6450. | 1.6 | 45 |

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|----|--|-----|-----------|
| 37 | MICS-Asia III: overview of model intercomparison and evaluation of acid deposition over Asia. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2667-2693. | 1.9 | 47 |
| 38 | 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. | 1.9 | 23 |
| 39 | Formation and sink of glyoxal and methylglyoxal in a polluted subtropical environment: observation-based photochemical analysis and impact evaluation. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11451-11467. | 1.9 | 29 |
| 40 | Tropospheric aerosol hygroscopicity in China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13877-13903. | 1.9 | 14 |
| 41 | Characterization of organic aerosols and their precursors in southern China during a severe haze episode in January 2017. <i>Science of the Total Environment</i> , 2019, 691, 101-111. | 3.9 | 33 |
| 42 | Impact of air pollution control measures and regional transport on carbonaceous aerosols in fine particulate matter in urban Beijing, China: insights gained from long-term measurement. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8569-8590. | 1.9 | 81 |
| 43 | Contributions of different anthropogenic volatile organic compound sources to ozone formation at a receptor site in the Pearl River Delta region and its policy implications. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8801-8816. | 1.9 | 137 |
| 44 | Role of Ammonia on the Feedback Between AWC and Inorganic Aerosol Formation During Heavy Pollution in the North China Plain. <i>Earth and Space Science</i> , 2019, 6, 1675-1693. | 1.1 | 44 |
| 45 | Hygroscopic Properties of Saline Mineral Dust From Different Regions in China: Geographical Variations, Compositional Dependence, and Atmospheric Implications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10844-10857. | 1.2 | 26 |
| 46 | A review of experimental techniques for aerosol hygroscopicity studies. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12631-12686. | 1.9 | 80 |
| 47 | Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. <i>Science of the Total Environment</i> , 2019, 697, 134095. | 3.9 | 10 |
| 48 | The significant contribution of HONO to secondary pollutants during a severe winter pollution event in southern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1-14. | 1.9 | 109 |
| 49 | Synergistic effect of water-soluble species and relative humidity on morphological changes in aerosol particles in the Beijing megacity during severe pollution episodes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 219-232. | 1.9 | 22 |
| 50 | Sources of methacrolein and methyl vinyl ketone and their contributions to methylglyoxal and formaldehyde at a receptor site in Pearl River Delta. <i>Journal of Environmental Sciences</i> , 2019, 79, 1-10. | 3.2 | 16 |
| 51 | Fast heterogeneous loss of N ₂ O ₅ leads to significant nighttime NO _x removal and nitrate aerosol formation at a coastal background environment of southern China. <i>Science of the Total Environment</i> , 2019, 677, 637-647. | 3.9 | 38 |
| 52 | Size Distribution and Depolarization Properties of Aerosol Particles over the Northwest Pacific and Arctic Ocean from Shipborne Measurements during an R/V <i>Xuelong</i> Cruise. <i>Environmental Science & Technology</i> , 2019, 53, 7984-7995. | 4.6 | 6 |
| 53 | Theoretical evaluation of different factors affecting the HO ₂ uptake coefficient driven by aqueous-phase first-order loss reaction. <i>Science of the Total Environment</i> , 2019, 683, 146-153. | 3.9 | 8 |
| 54 | Heterogeneous Uptake of N ₂ O ₅ in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. <i>Atmosphere</i> , 2019, 10, 204. | 1.0 | 16 |

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|----|---|-----|-----------|
| 55 | Improving new particle formation simulation by coupling a volatility-basis set (VBS) organic aerosol module in NAQPMS+APM. <i>Atmospheric Environment</i> , 2019, 204, 1-11. | 1.9 | 28 |
| 56 | Hygroscopic Properties of 11 Pollen Species in China. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2678-2683. | 1.2 | 16 |
| 57 | 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. | 1.9 | 46 |
| 58 | Dust Heterogeneous Reactions during Long-Range Transport of a Severe Dust Storm in May 2017 over East Asia. <i>Atmosphere</i> , 2019, 10, 680. | 1.0 | 11 |
| 59 | Impacts of methanesulfonate on the cloud condensation nucleation activity of sea salt aerosol. <i>Atmospheric Environment</i> , 2019, 201, 13-17. | 1.9 | 18 |
| 60 | Polycyclic aromatic hydrocarbons (PAHs) associated with PM _{2.5} within boundary layer: Cloud/fog and regional transport. <i>Science of the Total Environment</i> , 2018, 627, 613-621. | 3.9 | 17 |
| 61 | Seasonal variabilities in chemical compounds and acidity of aerosol particles at urban site in the west Pacific. <i>Environmental Pollution</i> , 2018, 237, 868-877. | 3.7 | 8 |
| 62 | Insights on Chemistry of Mercury Species in Clouds over Northern China: Complexation and Adsorption. <i>Environmental Science & Technology</i> , 2018, 52, 5125-5134. | 4.6 | 19 |
| 63 | "New" Reactive Nitrogen Chemistry Reshapes the Relationship of Ozone to Its Precursors. <i>Environmental Science & Technology</i> , 2018, 52, 2810-2818. | 4.6 | 44 |
| 64 | Importance of mineral dust and anthropogenic pollutants mixing during a long-lasting high PM event over East Asia. <i>Environmental Pollution</i> , 2018, 234, 368-378. | 3.7 | 36 |
| 65 | Nighttime NO loss and ClNO ₂ formation in the residual layer of a polluted region: Insights from field measurements and an iterative box model. <i>Science of the Total Environment</i> , 2018, 622-623, 727-734. | 3.9 | 28 |
| 66 | Vertically resolved characteristics of air pollution during two severe winter haze episodes in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2495-2509. | 1.9 | 69 |
| 67 | Trace elements in PM _{2.5} in Shandong Province: Source identification and health risk assessment. <i>Science of the Total Environment</i> , 2018, 621, 558-577. | 3.9 | 99 |
| 68 | Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17515-17527. | 1.9 | 76 |
| 69 | PAN "Precursor Relationship and Process Analysis" of PAN Variations in the Pearl River Delta Region. <i>Atmosphere</i> , 2018, 9, 372. | 1.0 | 13 |
| 70 | An in situ flow tube system for direct measurement of N ₂ O ₂ heterogeneous uptake coefficients in polluted environments. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5643-5655. | 1.2 | 4 |
| 71 | Heterogeneous N ₂ O ₂ uptake coefficient and production yield of ClNO ₂ in polluted northern China: roles of aerosol water content and chemical composition. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13155-13171. | 1.9 | 67 |
| 72 | Simulation on different response characteristics of aerosol particle number concentration and mass concentration to emission changes over mainland China. <i>Science of the Total Environment</i> , 2018, 643, 692-703. | 3.9 | 27 |

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|----|--|-----|-----------|
| 73 | PM2.5 pollution in a petrochemical industry city of northern China: Seasonal variation and source apportionment. <i>Atmospheric Research</i> , 2018, 212, 285-295. | 1.8 | 57 |
| 74 | PM2.5 Exposure Suppresses Dendritic Maturation in Subgranular Zone in Aged Rats. <i>Neurotoxicity Research</i> , 2017, 32, 50-57. | 1.3 | 19 |
| 75 | SO ₂ Initiates the Efficient Conversion of NO ₂ to HONO on MgO Surface. <i>Environmental Science & Technology</i> , 2017, 51, 3767-3775. | 4.6 | 76 |
| 76 | Estimation of atmospheric aging time of black carbon particles in the polluted atmosphere over central-eastern China using microphysical process analysis in regional chemical transport model. <i>Atmospheric Environment</i> , 2017, 163, 44-56. | 1.9 | 37 |
| 77 | Revisiting nitrous acid (HONO) emission from on-road vehicles: A tunnel study with a mixed fleet. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 797-805. | 0.9 | 36 |
| 78 | Significant impacts of heterogeneous reactions on the chemical composition and mixing state of dust particles: A case study during dust events over northern China. <i>Atmospheric Environment</i> , 2017, 159, 83-91. | 1.9 | 60 |
| 79 | Observations of N ₂ O ₅ and ClNO ₂ at a polluted urban surface site in North China: High N ₂ O ₅ uptake coefficients and low ClNO ₂ product yields. <i>Atmospheric Environment</i> , 2017, 156, 125-134. | 1.9 | 90 |
| 80 | Real-time observational evidence of changing Asian dust morphology with the mixing of heavy anthropogenic pollution. <i>Scientific Reports</i> , 2017, 7, 335. | 1.6 | 53 |
| 81 | Explaining the spatiotemporal variation of fine particle number concentrations over Beijing and surrounding areas in an air quality model with aerosol microphysics. <i>Environmental Pollution</i> , 2017, 231, 1302-1313. | 3.7 | 13 |
| 82 | Photochemical Smog in Southern China: A Synthesis of Observations and Model Investigations of the Sources and Effects of Nitrous Acid. , 2017, , 69-85. | | 0 |
| 83 | Nitrous acid in a street canyon environment: Sources and contributions to local oxidation capacity. <i>Atmospheric Environment</i> , 2017, 167, 223-234. | 1.9 | 25 |
| 84 | Dust Acid Uptake Analysis during Long-Lasting Dust and Pollution Episodes over East Asia Based on Synergetic Observation and Chemical Transport Model. <i>Scientific Online Letters on the Atmosphere</i> , 2017, 13, 109-113. | 0.6 | 4 |
| 85 | Seasonal variation of fine- and coarse-mode nitrates and related aerosols over East Asia: synergetic observations and chemical transport model analysis. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 14181-14197. | 1.9 | 23 |
| 86 | Emission characteristics of refractory black carbon aerosols from fresh biomass burning: a perspective from laboratory experiments. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13001-13016. | 1.9 | 40 |
| 87 | Nitrate transboundary heavy pollution over East Asia in winter. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3823-3843. | 1.9 | 57 |
| 88 | Fast heterogeneous N ₂ O ₅ uptake and ClNO ₂ production in power plant and industrial plumes observed in the nocturnal residual layer over the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12361-12378. | 1.9 | 92 |
| 89 | Simultaneous Dust and Pollutant Transport over East Asia: The Tripartite Environment Ministers Meeting March 2014 Case Study. <i>Scientific Online Letters on the Atmosphere</i> , 2017, 13, 47-52. | 0.6 | 12 |
| 90 | PM2.5 Characteristics in Qingdao and across Coastal Cities in China. <i>Atmosphere</i> , 2017, 8, 77. | 1.0 | 24 |

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|-----|--|-----|-----------|
| 91 | Importance of Long-Range Nitrate Transport Based on Long-Term Observation and Modeling of Dust and Pollutants over East Asia. <i>Aerosol and Air Quality Research</i> , 2017, 17, 3052-3064. | 0.9 | 30 |
| 92 | Modeling the Long-Range Transport of Particulate Matters for January in East Asia using NAQPMS and CMAQ. <i>Aerosol and Air Quality Research</i> , 2017, 17, 3065-3078. | 0.9 | 23 |
| 93 | Influence of Cloud/Fog on Atmospheric VOCs in the Free Troposphere: A Case Study at Mount Tai in Eastern China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2401-2412. | 0.9 | 13 |
| 94 | Significant concentrations of nitryl chloride sustained in the morning: investigations of the causes and impacts on ozone production in a polluted region of northern China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14959-14977. | 1.9 | 146 |
| 95 | Nighttime chemistry at a high altitude site above Hong Kong. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2457-2475. | 1.2 | 78 |
| 96 | Observations of nitryl chloride and modeling its source and effect on ozone in the planetary boundary layer of southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2476-2489. | 1.2 | 118 |
| 97 | Oxidative capacity and radical chemistry in the polluted atmosphere of Hong Kong and Pearl River Delta region: analysis of a severe photochemical smog episode. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9891-9903. | 1.9 | 168 |
| 98 | Significant increase of summertime ozone at Mount Tai in Central Eastern China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10637-10650. | 1.9 | 192 |
| 99 | Polarization properties of aerosol particles over western Japan: classification, seasonal variation, and implications for air quality. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9863-9873. | 1.9 | 21 |
| 100 | Enhanced catalytic reduction of N-nitrosodimethylamine over bimetallic Pd-Ni catalysts. <i>Journal of Molecular Catalysis A</i> , 2016, 421, 167-177. | 4.8 | 16 |
| 101 | Modeling study of regional severe hazes over mid-eastern China in January 2013 and its implications on pollution prevention and control. <i>Science China Earth Sciences</i> , 2014, 57, 3-13. | 2.3 | 251 |
| 102 | Atmospheric Peroxides in a Polluted Subtropical Environment: Seasonal Variation, Sources and Sinks, and Importance of Heterogeneous Processes. <i>Environmental Science & Technology</i> , 2014, 48, 1443-1450. | 4.6 | 56 |
| 103 | Photochemical evolution of organic aerosols observed in urban plumes from Hong Kong and the Pearl River Delta of China. <i>Atmospheric Environment</i> , 2014, 88, 219-229. | 1.9 | 39 |
| 104 | Formation of secondary organic carbon and long-range transport of carbonaceous aerosols at Mount Heng in South China. <i>Atmospheric Environment</i> , 2012, 63, 203-212. | 1.9 | 58 |
| 105 | The secondary formation of inorganic aerosols in the droplet mode through heterogeneous aqueous reactions under haze conditions. <i>Atmospheric Environment</i> , 2012, 63, 68-76. | 1.9 | 195 |
| 106 | Characterization of cloud water chemistry at Mount Tai, China: Seasonal variation, anthropogenic impact, and cloud processing. <i>Atmospheric Environment</i> , 2012, 60, 467-476. | 1.9 | 88 |
| 107 | Formation of secondary organic carbon and cloud impact on carbonaceous aerosols at Mount Tai, North China. <i>Atmospheric Environment</i> , 2012, 46, 516-527. | 1.9 | 73 |
| 108 | Characterization of aerosol acidity at a high mountain site in central eastern China. <i>Atmospheric Environment</i> , 2012, 51, 11-20. | 1.9 | 39 |

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|-----|---|-----|-----------|
| 109 | Airborne fine particulate pollution in Jinan, China: Concentrations, chemical compositions and influence on visibility impairment. <i>Atmospheric Environment</i> , 2012, 55, 506-514. | 1.9 | 114 |
| 110 | Evaluating PM2.5 ionic components and source apportionment in Jinan, China from 2004 to 2008 using trajectory statistical methods. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1662. | 2.1 | 40 |
| 111 | Source and variation of carbonaceous aerosols at Mount Tai, North China: Results from a semi-continuous instrument. <i>Atmospheric Environment</i> , 2011, 45, 1655-1667. | 1.9 | 38 |
| 112 | Cloud droplet activation of mixed organic-sulfate particles produced by the photooxidation of isoprene. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 3953-3964. | 1.9 | 86 |
| 113 | The Dynamic Shape Factor of Sodium Chloride Nanoparticles as Regulated by Drying Rate. <i>Aerosol Science and Technology</i> , 2010, 44, 939-953. | 1.5 | 56 |
| 114 | Continuous observations of water-soluble ions in PM2.5 at Mount Tai (1534 m a.s.l.) in central-eastern China. <i>Journal of Atmospheric Chemistry</i> , 2009, 64, 107-127. | 1.4 | 71 |
| 115 | Influence of meteorological conditions and particulate matter on visual range impairment in Jinan, China. <i>Science of the Total Environment</i> , 2007, 383, 164-173. | 3.9 | 123 |