Tao Wang

List of Publications by Year in Descending Order

241 papers	9,680 citations	57 h-index	89 g-index
326 ext. papers	12,084 ext. citations	6.2 avg, IF	6.48 L-index

#	Paper	IF	Citations
241	Large Daytime Molecular Chlorine Missing Source at a Suburban Site in East China. *Journal of Geophysical Research D: Atmospheres*, **2022**, 127,	4.4	1
240	Implementing an evidence-based somatic acupressure intervention in breast cancer survivors with the symptom cluster of fatigue, sleep disturbance and depression: study protocol of a phase II randomised controlled trial.. *BMJ Open*, **2022**, 12, e054597	3	
239	Photodissociation of particulate nitrate as a source of daytime tropospheric Cl.. *Nature Communications*, **2022**, 13, 939	17.4	2
238	Segregation of Atmospheric Oxidants in Turbulent Urban Environments. *Atmosphere*, **2022**, 13, 315	2.7	
237	Effects of auricular acupressure on chemotherapy-induced nausea and vomiting in breast cancer patients: a preliminary randomized controlled trial.. *BMC Complementary Medicine and Therapies*, **2022**, 22, 87	2.9	1
236	An integrated air quality modeling system coupling regional-urban and street models in Beijing. *Urban Climate*, **2022**, 43, 101143	6.8	
235	Nitrous acid in the polluted coastal atmosphere of the South China Sea: Ship emissions, budgets, and impacts.. *Science of the Total Environment*, **2022**, 153692	10.2	
234	A Four Carbon Organonitrate as a Significant Product of Secondary Isoprene Chemistry. *Geophysical Research Letters*, **2022**, 49,	4.9	0
233	Secondary Formation and Impacts of Gaseous Nitro-Phenolic Compounds in the Continental Outflow Observed at a Background Site in South China. *Environmental Science & Technology*, **2021**,	10.3	2
232	Feasibility and potential effects of tai chi for the fatigue-sleep disturbance-depression symptom cluster in patients with breast cancer: protocol of a preliminary randomised controlled trial. *BMJ Open*, **2021**, 11, e048115	3	
231	Investigating the sources of atmospheric nitrous acid (HONO) in the megacity of Beijing, China.. *Science of the Total Environment*, **2021**, 812, 152270	10.2	1
230	Agricultural Fertilization Aggravates Air Pollution by Stimulating Soil Nitrous Acid Emissions at High Soil Moisture. *Environmental Science & Technology*, **2021**, 55, 14556-14566	10.3	1
229	Acupoint stimulation for cancer-related fatigue: A quantitative synthesis of randomised controlled trials. *Complementary Therapies in Clinical Practice*, **2021**, 45, 101490	3.5	3
228	Winter ClNO₂ formation in the region of fresh anthropogenic emissions: seasonal variability and insights into daytime peaks in northern China. *Atmospheric Chemistry and Physics*, **2021**, 21, 15985-16000	6.8	2
227	An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality. *National Science Review*, **2021**, 8, nwaa304	10.8	10
226	Direct Observation of Sulfate Explosive Growth in Wet Plumes Emitted From Typical Coal-Fired Stationary Sources. *Geophysical Research Letters*, **2021**, 48, e2020GL092071	4.9	4
225	The impact of inhomogeneous emissions and topography on ozone photochemistry in the vicinity of Hong Kong Island. *Atmospheric Chemistry and Physics*, **2021**, 21, 3531-3553	6.8	2

224	Global Changes in Secondary Atmospheric Pollutants During the 2020 COVID-19 Pandemic. *Journal of Geophysical Research D: Atmospheres*, **2021**, 126, e2020JD034213	4.4	26
223	Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. *Environmental Research*, **2021**, 196, 110953	7.9	3
222	Isoprene Emissions Response to Drought and the Impacts on Ozone and SOA in China. *Journal of Geophysical Research D: Atmospheres*, **2021**, 126, e2020JD033263	4.4	0
221	A qualitative exploration of the unmet information needs of Chinese advanced cancer patients and their informal caregivers. *BMC Palliative Care*, **2021**, 20, 83	3	2
220	Impact of international shipping emissions on ozone and PM_{2.5} in East Asia during summer: the important role of HONO and ClNO₂. *Atmospheric Chemistry and Physics*, **2021**, 21, 8747-8759	6.8	1
219	Atmospheric Nitrate Formation through Oxidation by Carbonate Radical. *ACS Earth and Space Chemistry*, **2021**, 5, 1801-1811	3.2	0
218	Characteristics and source apportionment of volatile organic compounds (VOCs) at a coastal site in Hong Kong. *Science of the Total Environment*, **2021**, 777, 146241	10.2	11
217	Prevalence and correlates of unmet palliative care needs in dyads of Chinese patients with advanced cancer and their informal caregivers: a cross-sectional survey. *Supportive Care in Cancer*, **2021**, 29, 1683-1698	3.9	7
216	Development and validation of a Tai chi intervention protocol for managing the fatigue-sleep disturbance-depression symptom cluster in female breast cancer patients. *Complementary Therapies in Medicine*, **2021**, 56, 102634	3.5	4
215	Atmospheric organic complexation enhanced sulfate formation and iron dissolution on nano □Fe2O3. *Environmental Science: Nano*, **2021**, 8, 698-710	7.1	0
214	Increased new particle yields with largely decreased probability of survival to CCN size at the summit of Mt. Tai under reduced SO₂ emissions. *Atmospheric Chemistry and Physics*, **2021**, 21, 1305-1323	6.8	2
213	Clinical practice guidelines for the nutritional risk screening and assessment of cancer patients: a systematic quality appraisal using the AGREE II instrument. *Supportive Care in Cancer*, **2021**, 29, 2885-2893	3.9	2
212	Moxibustion for post-stroke urinary incontinence in adults: A systematic review and meta-analysis of randomized controlled trials. *Complementary Therapies in Clinical Practice*, **2021**, 42, 101294	3.5	3
211	Photochemical reaction of NO2 on photoactive mineral dust: Mechanism and irradiation intensity dependence. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 416, 113319	4.7	1
210	Atmospheric Impacts of COVID-19 on NOx and VOC Levels over China Based on TROPOMI and IASI Satellite Data and Modeling. *Atmosphere*, **2021**, 12, 946	2.7	1
209	Measurement of heterogeneous uptake of NO on inorganic particles, sea water and urban grime. *Journal of Environmental Sciences*, **2021**, 106, 124-135	6.4	5
208	Ozone Anomalies in the Free Troposphere During the COVID-19 Pandemic. *Geophysical Research Letters*, **2021**, 48, e2021GL094204	4.9	11
207	Changes in global air pollutant emissions during the COVID-19 pandemic: a dataset for atmospheric modeling. *Earth System Science Data*, **2021**, 13, 4191-4206	10.5	17

206	Massage Therapy for Fatigue Management in Breast Cancer Survivors: A Systematic Review and Descriptive Analysis of Randomized Controlled Trials. *Evidence-based Complementary and Alternative Medicine*, **2021**, 2021, 9967574	2.3	1
205	Halogens Enhance Haze Pollution in China. *Environmental Science & Technology*, **2021**, 55, 13625-13637	10.3	4
204	Diverse response of surface ozone to COVID-19 lockdown in China. *Science of the Total Environment* , **2021**, 789, 147739	10.2	10
203	The Acidity of Atmospheric Particles and Clouds. *Atmospheric Chemistry and Physics*, **2020**, 20, 4809-4888	6.8	165
202	Doctoral nursing education in east and Southeast Asia: characteristics of the programs and students' experiences of and satisfaction with their studies. *BMC Medical Education*, **2020**, 20, 143	3.3	4
201	Heterogeneous N₂O₅ reactions on atmospheric aerosols at four Chinese sites: improving model representation of uptake parameters. *Atmospheric Chemistry and Physics*, **2020**, 20, 4367-4378	6.8	15
200	Atmospheric nitrous acid (HONO) at a rural coastal site in North China: Seasonal variations and effects of biomass burning. *Atmospheric Environment*, **2020**, 229, 117429	5.3	11
199	The impact of sea-salt chloride on ozone through heterogeneous reaction with N2O5 in a coastal region of south China. *Atmospheric Environment*, **2020**, 236, 117604	5.3	6
198	Significant production of ClNO₂ and possible source of Cl₂ from N₂O₅ uptake at a suburban site in eastern China. *Atmospheric Chemistry and Physics*, **2020**, 20, 6147-6158	6.8	8
197	Worsening urban ozone pollution in China from 2013 to 2017 Part1: The complex and varying roles of meteorology. *Atmospheric Chemistry and Physics*, **2020**, 20, 6305-6321	6.8	86
196	Worsening urban ozone pollution in China from 2013 to 2017 Part2: The effects of emission changes and implications for multi-pollutant control. *Atmospheric Chemistry and Physics*, **2020**, 20, 6323-6337	6.8	74
195	Traditional Chinese exercise for cancer-related sleep disturbance: A systematic review and descriptive analysis of randomized controlled trials. *Complementary Therapies in Clinical Practice*, **2020**, 40, 101197	3.5	5
194	Worsening urban ozone pollution in China from 2013 to 2017 Part 1: The complex and varying roles of meteorology **2020**,		1
193	Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong SAR. *Atmospheric Chemistry and Physics*, **2020**, 20, 391-407	6.8	8
192	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. *Environmental Science & Technology*, **2020**, 54, 3881-3889	10.3	85
191	Development and validation of an evidence-based auricular acupressure intervention for managing chemotherapy-induced nausea and vomiting in breast cancer patients. *Complementary Therapies in Medicine*, **2020**, 52, 102502	3.5	1
190	Effects of Anthropogenic Chlorine on PM and Ozone Air Quality in China. *Environmental Science & Technology*, **2020**, 54, 9908-9916	10.3	18
189	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. *Environmental Science & Technology*, **2020**, 54, 3114-3120	10.3	35

188	Regional source apportionment of summertime ozone and its precursors in the megacities of Beijing and Shanghai using a source-oriented chemical transport model. *Atmospheric Environment*, **2020**, 224, 117337	5.3	14
187	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. *Environmental Science and Technology Letters*, **2020**, 7, 70-75	11	8
186	Impact of greenhouse gas CO2 on the heterogeneous reaction of SO2 on alpha-Al2O3. *Chinese Chemical Letters*, **2020**, 31, 2712-2716	8.1	4
185	Potential Effect of Halogens on Atmospheric Oxidation and Air Quality in China. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2019JD032058	4.4	15
184	Formation and sink of glyoxal and methylglyoxal in a polluted subtropical environment: observation-based photochemical analysis and impact evaluation. *Atmospheric Chemistry and Physics*, **2020**, 20, 11451-11467	6.8	13
183	Irradiation intensity dependent heterogeneous formation of sulfate and dissolution of ZnO nanoparticles. *Environmental Science: Nano*, **2020**, 7, 327-338	7.1	4
182	Photochemical Oxidation of Water-Soluble Organic Carbon (WSOC) on Mineral Dust and Enhanced Organic Ammonium Formation. *Environmental Science & Technology*, **2020**, 54, 15631-15642	10.3	3
181	Gaseous and Particulate Chlorine Emissions From Typical Iron and Steel Industry in China. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2020JD032729	4.4	5
180	Efficient Conversion of NO to NO on SO-Aged MgO under Atmospheric Conditions. *Environmental Science & Technology*, **2020**, 54, 11848-11856	10.3	5
179	HONO Budget and Its Role in Nitrate Formation in the Rural North China Plain. *Environmental Science & Technology*, **2020**, 54, 11048-11057	10.3	24
178	In Situ Measurements of Molecular Markers Facilitate Understanding of Dynamic Sources of Atmospheric Organic Aerosols. *Environmental Science & Technology*, **2020**, 54, 11058-11069	10.3	8
177	Heterogeneous Formation of Sulfur Species on Manganese Oxides: Effects of Particle Type and Moisture Condition. *Journal of Physical Chemistry A*, **2020**, 124, 7300-7312	2.8	5
176	Gaseous carbonyls in China's atmosphere: Tempo-spatial distributions, sources, photochemical formation, and impact on air quality. *Atmospheric Environment*, **2019**, 214, 116863	5.3	19
175	Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. *Science of the Total Environment*, **2019**, 697, 134095	10.2	3
174	The significant contribution of HONO to secondary pollutants during a severe winter pollution event in southern China. *Atmospheric Chemistry and Physics*, **2019**, 19, 1-14	6.8	61
173	Fast heterogeneous loss of NO leads to significant nighttime NO removal and nitrate aerosol formation at a coastal background environment of southern China. *Science of the Total Environment* , **2019**, 677, 637-647	10.2	17
172	Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong **2019**,		1
171	An evaluation of the ability of the Ozone Monitoring Instrument (OMI) to observe boundary layer ozone pollution across China: application to 2005–2017 ozone trends. *Atmospheric Chemistry and Physics*, **2019**, 19, 6551-6560	6.8	33

170	Theoretical evaluation of different factors affecting the HO uptake coefficient driven by aqueous-phase first-order loss reaction. *Science of the Total Environment*, **2019**, 683, 146-153	10.2	6
169	Heterogeneous Uptake of N2O5 in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. *Atmosphere*, **2019**, 10, 204	2.7	13
168	Heterogeneous conversion of SO2 on nano □Fe2O3: the effects of morphology, light illumination and relative humidity. *Environmental Science: Nano*, **2019**, 6, 1838-1851	7.1	5
167	Significantly accelerated PEC degradation of organic pollutant with addition of sulfite and mechanism study. *Applied Catalysis B: Environmental*, **2019**, 248, 441-449	21.8	29
166	Psychometric assessment of the Chinese version of the Problems and Needs in Palliative Care questionnaire-short version in advanced cancer patients. *BMC Palliative Care*, **2019**, 18, 68	3	2
165	Characterization of organic aerosols and their precursors in southern China during a severe haze episode in January 2017. *Science of the Total Environment*, **2019**, 691, 101-111	10.2	16
164	Twenty-Five Years of Lower Tropospheric Ozone Observations in Tropical East Asia: The Influence of Emissions and Weather Patterns. *Geophysical Research Letters*, **2019**, 46, 11463-11470	4.9	33
163	Enhanced heterogeneous uptake of sulfur dioxide on mineral particles through modification of iron speciation during simulated cloud processing. *Atmospheric Chemistry and Physics*, **2019**, 19, 12569-12585	6.8	9
162	Heterogeneous N₂O₅ reactions on atmospheric aerosols at four Chinese sites: Improving model representation of uptake parameters **2019**,		1
161	The Acidity of Atmospheric Particles and Clouds **2019**,		8
160	Polycyclic aromatic hydrocarbons (PAHs) associated with PM within boundary layer: Cloud/fog and regional transport. *Science of the Total Environment*, **2018**, 627, 613-621	10.2	13
159	Summertime C1-C5 alkyl nitrates over Beijing, northern China: Spatial distribution, regional transport, and formation mechanisms. *Atmospheric Research*, **2018**, 204, 102-109	5.4	8
158	Anthropogenic Emissions of Hydrogen Chloride and Fine Particulate Chloride in China. *Environmental Science & Technology*, **2018**, 52, 1644-1654	10.3	51
157	"New" Reactive Nitrogen Chemistry Reshapes the Relationship of Ozone to Its Precursors. *Environmental Science & Technology*, **2018**, 52, 2810-2818	10.3	30
156	Observations and Explicit Modeling of Summertime Carbonyl Formation in Beijing: Identification of Key Precursor Species and Their Impact on Atmospheric Oxidation Chemistry. *Journal of Geophysical Research D: Atmospheres*, **2018**, 123, 1426-1440	4.4	38
155	Nighttime NO loss and ClNO formation in the residual layer of a polluted region: Insights from field measurements and an iterative box model. *Science of the Total Environment*, **2018**, 622-623, 727-734	10.2	14
154	Abundance and origin of fine particulate chloride in continental China. *Science of the Total Environment*, **2018**, 624, 1041-1051	10.2	34
153	Radiative and heterogeneous chemical effects of aerosols on ozone and inorganic aerosols over East Asia. *Science of the Total Environment*, **2018**, 622-623, 1327-1342	10.2	54

152	Observations of fine particulate nitrated phenols in four sites in northern China: concentrations, source apportionment, and secondary formation. *Atmospheric Chemistry and Physics*, **2018**, 18, 4349-4359	6.8	43
151	Oxidizing capacity of the rural atmosphere in Hong Kong, Southern China. *Science of the Total Environment*, **2018**, 612, 1114-1122	10.2	35
150	Emerging investigator series: heterogeneous reactions of sulfur dioxide on mineral dust nanoparticles: from single component to mixed components. *Environmental Science: Nano*, **2018**, 5, 1821-1833	7.1	18
149	Severe Surface Ozone Pollution in China: A Global Perspective. *Environmental Science and Technology Letters*, **2018**, 5, 487-494	11	316
148	Heterogeneous N₂O₅ uptake coefficient and production yield of ClNO₂ in polluted northern China: Roles of aerosol water content and chemical composition **2018**,		4
147	Unmet care needs of advanced cancer patients and their informal caregivers: a systematic review. *BMC Palliative Care*, **2018**, 17, 96	3	178
146	Inter-comparison of the Regional Atmospheric Chemistry Mechanism (RACM2) and Master Chemical Mechanism (MCM) on the simulation of acetaldehyde. *Atmospheric Environment*, **2018**, 186, 144-149	5.3	6
145	Adsorption of SO2 on mineral dust particles influenced by atmospheric moisture. *Atmospheric Environment*, **2018**, 191, 153-161	5.3	14
144	The influence of temperature on the heterogeneous uptake of SO on hematite particles. *Science of the Total Environment*, **2018**, 644, 1493-1502	10.2	8
143	Tropospheric ozone assessment report: Global ozone metrics for climate change, human health, and crop/ecosystem research. *Elementa*, **2018**, 1, 1	3.6	115
142	Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China. *Atmospheric Chemistry and Physics*, **2018**, 18, 17515-17527	6.8	41
141	An in situ flow tube system for direct measurement of N₂O₅ heterogeneous uptake coefficients in polluted environments. *Atmospheric Measurement Techniques*, **2018**, 11, 5643-5655	4	3
140	Chlorine oxidation of VOCs at a semi-rural site in Beijing: Significant chlorine liberation from ClNO₂ and subsequent gas and particle phase Cl-VOC production **2018**,		1
139	Heterogeneous N₂O₅ uptake coefficient and production yield of ClNO₂ in polluted northern China: roles of aerosol water content and chemical composition. *Atmospheric Chemistry and Physics*, **2018**, 18, 13155-13171	6.8	49
138	Chlorine oxidation of VOCs at a semi-rural site in Beijing: significant chlorine liberation from ClNO₂ and subsequent gas- and particle-phase Cl-VOC production. *Atmospheric Chemistry and Physics*, **2018**, 18, 13013-13030	6.8	32
137	Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China **2018**,		1
136	Summertime fine particulate nitrate pollution in the North China Plain: increasing trends, formation mechanisms and implications for control policy. *Atmospheric Chemistry and Physics*, **2018**, 18, 11261-11275	6.8	62
135	Pathways of conversion of nitrogen oxides by nano TiO2 incorporated in cement-based materials. *Building and Environment*, **2018**, 144, 412-418	6.5	23

134	Current Research Status of Palliative Care in Mainland China. *Journal of Palliative Care*, **2018**, 33, 215-241	1.8	15
133	PM Exposure Suppresses Dendritic Maturation in Subgranular Zone in Aged Rats. *Neurotoxicity Research*, **2017**, 32, 50-57	4.3	15
132	SO Initiates the Efficient Conversion of NO to HONO on MgO Surface. *Environmental Science & Technology*, **2017**, 51, 3767-3775	10.3	50
131	Effectiveness of disease-specific self-management education on health outcomes in patients with chronic obstructive pulmonary disease: An updated systematic review and meta-analysis. *Patient Education and Counseling*, **2017**, 100, 1432-1446	3.1	43
130	Evolution of trace elements in the planetary boundary layer in southern China: Effects of dust storms and aerosol-cloud interactions. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 3492-3506	4.4	14
129	Increasing Ammonia Concentrations Reduce the Effectiveness of Particle Pollution Control Achieved via SO2 and NOX Emissions Reduction in East China. *Environmental Science and Technology Letters*, **2017**, 4, 221-227	11	99
128	Peroxyacetyl nitrate measurements by thermal dissociation□hemical ionization mass spectrometry in an urban environment: performance and characterizations. *Frontiers of Environmental Science and Engineering*, **2017**, 11, 1	5.8	3
127	Revisiting nitrous acid (HONO) emission from on-road vehicles: A tunnel study with a mixed fleet. *Journal of the Air and Waste Management Association*, **2017**, 67, 797-805	2.4	31
126	Carbonyl compounds at Mount Tai in the North China Plain: Characteristics, sources, and effects on ozone formation. *Atmospheric Research*, **2017**, 196, 53-61	5.4	33
125	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. *Atmospheric Environment*, **2017**, 156, 125-134	5.3	64
124	Responses of human health and vegetation exposure metrics to changes in ozone concentration distributions in the European Union, United States, and China. *Atmospheric Environment*, **2017**, 152, 123-145	5.3	55
123	Photochemical Smog in Southern China: A Synthesis of Observations and Model Investigations of the Sources and Effects of Nitrous Acid **2017**, 69-85		
122	Nitrous acid in a street canyon environment: Sources and contributions to local oxidation capacity. *Atmospheric Environment*, **2017**, 167, 223-234	5.3	14
121	Photonic Sensing of Reactive Atmospheric Species **2017**, 1-60		3
120	Ozone pollution in China: A review of concentrations, meteorological influences, chemical precursors, and effects. *Science of the Total Environment*, **2017**, 575, 1582-1596	10.2	627
119	Combined impacts of nitrous acid and nitryl chloride on lower-tropospheric ozone: new module development in WRF-Chem and application to China. *Atmospheric Chemistry and Physics*, **2017**, 17, 9733-9750	6.8	22
118	Observations of aerosol optical properties at a coastal site in Hong Kong, South China. *Atmospheric Chemistry and Physics*, **2017**, 17, 2653-2671	6.8	13
117	Combined Impacts of Nitrous Acid and Nitryl Chloride on Lower Tropospheric Ozone: New Module Development in WRF-Chem and Application to China **2017**,		1

116	Tropospheric Ozone Assessment Report: Database and Metrics Data of Global Surface Ozone Observations. *Elementa*, **2017**, 5, 58	3.6	112
115	Fast heterogeneous N₂O₅ uptake and ClNO₂ production in power plant and industrial plumes observed in the nocturnal residual layer over the North China Plain. *Atmospheric Chemistry and Physics*, **2017**, 17, 12361-12378	6.8	65
114	Regional trend analysis of surface ozone observations from monitoring networks in eastern North America, Europe and East Asia. *Elementa*, **2017**, 5,	3.6	83
113	Mixed Chloride Aerosols and their Atmospheric Implications: A Review. *Aerosol and Air Quality Research*, **2017**, 17, 878-887	4.6	18
112	Significant increase of summertime ozone at Mt. Tai in Central Eastern China: 2003?2015 **2016**,		2
111	Observations of nitryl chloride and modeling its source and effect on ozone in the planetary boundary layer of southern China. *Journal of Geophysical Research D: Atmospheres*, **2016**, 121, 2476-2489	4.4	88
110	Oxidative capacity and radical chemistry in the polluted atmosphere of Hong Kong and Pearl River Delta region: analysis of a severe photochemical smog episode. *Atmospheric Chemistry and Physics*, **2016**, 16, 9891-9903	6.8	103
109	Significant increase of summertime ozone at Mount Tai in Central Eastern China. *Atmospheric Chemistry and Physics*, **2016**, 16, 10637-10650	6.8	132
108	Impacts of heterogeneous uptake of dinitrogen pentoxide and chlorine activation on ozone and reactive nitrogen partitioning: improvement and application of the WRF-Chem model in southern China. *Atmospheric Chemistry and Physics*, **2016**, 16, 14875-14890	6.8	41
107	Organic acids in cloud water and rainwater at a mountain site in acid rain areas of South China. *Environmental Science and Pollution Research*, **2016**, 23, 9529-39	5.1	32
106	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 **2016**,		3
105	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. *Atmospheric Chemistry and Physics*, **2016**, 16, 14959-14977	6.8	103
104	Impacts of heterogeneous uptake of dinitrogen pentoxide and chlorine activation on ozone and reactive nitrogen partitioning: Improvement and application of WRF-Chem model in southern China **2016**,		1
103	Acupoints Stimulation for Anxiety and Depression in Cancer Patients: A Quantitative Synthesis of Randomized Controlled Trials. *Evidence-based Complementary and Alternative Medicine*, **2016**, 2016, 5645632	2.3	3
102	Oxidative capacity and radical chemistry in the polluted atmosphere of Hong Kong and Pearl River Delta region: analysis of a severe photochemical smog episode **2016**,		2
101	Potential sources of nitrous acid (HONO) and their impacts on ozone: A WRF-Chem study in a polluted subtropical region. *Journal of Geophysical Research D: Atmospheres*, **2016**, 121, 3645-3662	4.4	59
100	Nighttime chemistry at a high altitude site above Hong Kong. *Journal of Geophysical Research D: Atmospheres*, **2016**, 121, 2457-2475	4.4	61
99	Photochemical smog in China: scientific challenges and implications for air-quality policies. *National Science Review*, **2016**, 3, 401-403	10.8	41

98	Cloud deposition of PAHs at Mount Lushan in southern China. *Science of the Total Environment*, **2015**, 526, 329-37	10.2	8
97	Modeling the reactive sputter deposition of Ti-doped VO x thin films. *Chinese Physics B*, **2015**, 24, 068104	1.2	0
96	Optical properties of size-resolved particles at a Hong Kong urban site during winter. *Atmospheric Research*, **2015**, 155, 1-12	5.4	19
95	Concentrations and solubility of trace elements in fine particles at a mountain site, southern China: regional sources and cloud processing. *Atmospheric Chemistry and Physics*, **2015**, 15, 8987-9002	6.8	51
94	Development of a chlorine chemistry module for the Master Chemical Mechanism. *Geoscientific Model Development*, **2015**, 8, 3151-3162	6.3	42
93	Sham Acupressure Controls Used in Randomized Controlled Trials: A Systematic Review and Critique. *PLoS ONE*, **2015**, 10, e0132989	3.7	38
92	Auricular therapy for chronic pain management in adults: A synthesis of evidence. *Complementary Therapies in Clinical Practice*, **2015**, 21, 68-78	3.5	28
91	Nitrous acid (HONO) in a polluted subtropical atmosphere: Seasonal variability, direct vehicle emissions and heterogeneous production at ground surface. *Atmospheric Environment*, **2015**, 106, 100-109	5.3	71
90	On the severe haze in Beijing during January 2013: Unraveling the effects of meteorological anomalies with WRF-Chem. *Atmospheric Environment*, **2015**, 104, 11-21	5.3	112
89	Measurements of Peroxyacetyl Nitrate at a Background Site in the Pearl River Delta Region: Production Efficiency and Regional Transport. *Aerosol and Air Quality Research*, **2015**, 15, 833-841	4.6	21
88	Presence of high nitryl chloride in Asian coastal environment and its impact on atmospheric photochemistry. *Science Bulletin*, **2014**, 59, 356-359		47
87	Role of water molecule in the gas-phase formation process of nitrated polycyclic aromatic hydrocarbons in the atmosphere: a computational study. *Environmental Science & Technology*, **2014**, 48, 5051-7	10.3	77
86	Increasing external effects negate local efforts to control ozone air pollution: a case study of Hong Kong and implications for other Chinese cities. *Environmental Science & Technology*, **2014**, 48, 10769-75	10.3	92
85	Development and deployment of a cavity enhanced UV-LED spectrometer for measurements of atmospheric HONO and NO2 in Hong Kong. *Atmospheric Environment*, **2014**, 95, 544-551	5.3	40
84	Atmospheric peroxides in a polluted subtropical environment: seasonal variation, sources and sinks, and importance of heterogeneous processes. *Environmental Science & Technology*, **2014**, 48, 1443-50	10.3	44
83	A 14-year measurement of toxic elements in atmospheric particulates in Hong Kong from 1995 to 2008. *Frontiers of Environmental Science and Engineering*, **2014**, 8, 553-560	5.8	4
82	Photochemical evolution of organic aerosols observed in urban plumes from Hong Kong and the Pearl River Delta of China. *Atmospheric Environment*, **2014**, 88, 219-229	5.3	28
81	Polluted dust promotes new particle formation and growth. *Scientific Reports*, **2014**, 4, 6634	4.9	104

80	Ground-level ozone in four Chinese cities: precursors, regional transport and heterogeneous processes. *Atmospheric Chemistry and Physics*, **2014**, 14, 13175-13188	6.8	212
79	Current evidence on auricular therapy for chemotherapy-induced nausea and vomiting in cancer patients: a systematic review of randomized controlled trials. *Evidence-based Complementary and Alternative Medicine*, **2014**, 2014, 430796	2.3	18
78	Large daytime signals of N₂O₅ and NO₃ inferred at 62 amu in a TD-CIMS: chemical interference or a real atmospheric phenomenon?. *Atmospheric Measurement Techniques*, **2014**, 7, 1-12	4	40
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