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## List of Publications by Citations

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126  
papers

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51  
g-index

203  
ext. papers

4,075  
ext. citations

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5.36  
L-index

#	Paper	IF	Citations
126	Alkali-metal-promoted Pt/TiO <sub>2</sub> opens a more efficient pathway to formaldehyde oxidation at ambient temperatures. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9628-32	16.4	481
125	Synergistic reaction between SO <sub>2</sub> and NO <sub>2</sub> on mineral oxides: a potential formation pathway of sulfate aerosol. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 1668-76	3.6	109
124	Degradation kinetics of levoglucosan initiated by hydroxyl radical under different environmental conditions. <i>Atmospheric Environment</i> , <b>2014</b> , 91, 32-39	5.3	104
123	Photocatalytic Removal of NO <sub>x</sub> over Visible Light Responsive Oxygen-Deficient TiO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 7434-7441	3.8	104
122	Synergistic effect between NO <sub>2</sub> and SO <sub>2</sub> in their adsorption and reaction on gamma-alumina. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 6630-5	2.8	93
121	Influence of calcination temperature on iron titanate catalyst for the selective catalytic reduction of NO <sub>x</sub> with NH <sub>3</sub> . <i>Catalysis Today</i> , <b>2011</b> , 164, 520-527	5.3	83
120	Heterogeneous OH initiated oxidation: a possible explanation for the persistence of organophosphate flame retardants in air. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1041-8	10.3	72
119	Structural and hygroscopic changes of soot during heterogeneous reaction with O(3). <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 10896-903	3.6	69
118	NO promotion of SO conversion to sulfate: An important mechanism for the occurrence of heavy haze during winter in Beijing. <i>Environmental Pollution</i> , <b>2018</b> , 233, 662-669	9.3	68
117	Synergetic formation of secondary inorganic and organic aerosol: effect of SO <sub>2</sub> and NH <sub>3</sub> on particle formation and growth. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 14219-14230	6.8	61
116	Heterogeneous reaction of acetic acid on MgO, Al <sub>2</sub> O <sub>3</sub> , and CaCO <sub>3</sub> and the effect on the hygroscopic behaviour of these particles. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 8403-9	3.6	58
115	Role of organic carbon in heterogeneous reaction of NO <sub>2</sub> with soot. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 3174-81	10.3	57
114	Reactive uptake of ammonia to secondary organic aerosols: kinetics of organonitrogen formation. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 13569-13584	6.8	56
113	Exploring the nitrous acid (HONO) formation mechanism in winter Beijing: direct emissions and heterogeneous production in urban and suburban areas. <i>Faraday Discussions</i> , <b>2016</b> , 189, 213-30	3.6	53
112	In situ DRIFTS study of hygroscopic behavior of mineral aerosol. <i>Journal of Environmental Sciences</i> , <b>2010</b> , 22, 555-60	6.4	53
111	Synergistic formation of sulfate and ammonium resulting from reaction between SO <sub>2</sub> and NH <sub>3</sub> on typical mineral dust. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 956-64	3.6	45
110	Heterogeneous reaction of SO <sub>2</sub> with soot: The roles of relative humidity and surface composition of soot in surface sulfate formation. <i>Atmospheric Environment</i> , <b>2017</b> , 152, 465-476	5.3	44

109	Key role of organic carbon in the sunlight-enhanced atmospheric aging of soot by O <sub>2</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 21250-5	11.5	43
108	Heterogeneous photochemical aging of soot by NO <sub>2</sub> under simulated sunlight. <i>Atmospheric Environment</i> , <b>2013</b> , 64, 270-276	5.3	41
107	Influence of combustion conditions on hydrophilic properties and microstructure of flame soot. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 4129-36	2.8	41
106	Heterogeneous Reaction of SO on Manganese Oxides: the Effect of Crystal Structure and Relative Humidity. <i>Scientific Reports</i> , <b>2017</b> , 7, 4550	4.9	39
105	Seasonal Characteristics of New Particle Formation and Growth in Urban Beijing. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 8547-8557	10.3	35
104	Degradation kinetics of anthracene by ozone on mineral oxides. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 4446-4453	4.5	34
103	Influence of relative humidity on heterogeneous kinetics of NO <sub>2</sub> on kaolin and hematite. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 19424-31	3.6	33
102	Structure-activity relationship of surface hydroxyl groups during NO <sub>2</sub> adsorption and transformation on TiO <sub>2</sub> nanoparticles. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 2388-2394	7.1	32
101	Variation of size-segregated particle number concentrations in wintertime Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 1201-1216	6.8	32
100	Mesoporous transition alumina with uniform pore structure synthesized by alumisol spray pyrolysis. <i>Chemical Engineering Journal</i> , <b>2010</b> , 163, 133-142	14.7	32
99	Is reducing new particle formation a plausible solution to mitigate particulate air pollution in Beijing and other Chinese megacities?. <i>Faraday Discussions</i> , <b>2021</b> , 226, 334-347	3.6	32
98	A case study of Asian dust storm particles: chemical composition, reactivity to SO <sub>2</sub> and hygroscopic properties. <i>Journal of Environmental Sciences</i> , <b>2012</b> , 24, 62-71	6.4	31
97	Heterogeneous reactivity of carbonyl sulfide on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> and $\alpha$ -Al <sub>2</sub> O <sub>3</sub> . <i>Atmospheric Environment</i> , <b>2008</b> , 42, 960-969	5.3	31
96	Chemical and toxicological evolution of carbon nanotubes during atmospherically relevant aging processes. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 2806-14	10.3	30
95	Heterogeneous uptake of amines by citric acid and humic acid. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 11112-8	10.3	30
94	Heterogeneous reactions between NO <sub>2</sub> and anthracene adsorbed on SiO <sub>2</sub> and MgO. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 917-924	5.3	30
93	Comparisons of measured nitrous acid (HONO) concentrations in a pollution period at urban and suburban Beijing, in autumn of 2014. <i>Science China Chemistry</i> , <b>2015</b> , 58, 1393-1402	7.9	29
92	Effect of mineral dust on secondary organic aerosol yield and aerosol size in $\alpha$ -pinene/NO <sub>x</sub> photo-oxidation. <i>Atmospheric Environment</i> , <b>2013</b> , 77, 781-789	5.3	29

91	Mechanism of heterogeneous reaction of carbonyl sulfide on magnesium oxide. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 4333-9	2.8	29
90	Significant source of secondary aerosol: formation from gasoline evaporative emissions in the presence of SO <sub>2</sub> and NH <sub>3</sub> . <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 8063-8081	6.8	28
89	The utilization of physisorption analyzer for studying the hygroscopic properties of atmospheric relevant particles. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 4232-7	2.8	28
88	A proxy for atmospheric daytime gaseous sulfuric acid concentration in urban Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 1971-1983	6.8	26
87	Temperature dependence of the heterogeneous reaction of carbonyl sulfide on magnesium oxide. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 2820-6	2.8	26
86	Review of heterogeneous photochemical reactions of NO <sub>y</sub> on aerosol - A possible daytime source of nitrous acid (HONO) in the atmosphere. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 326-34	6.4	25
85	Differences in the reactivity of ammonium salts with methylamine. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 4855-4865	6.8	25
84	Sulfuric acid–amine nucleation in urban Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 2457-2468	6.8	25
83	The Synergistic Role of Sulfuric Acid, Bases, and Oxidized Organics Governing New-Particle Formation in Beijing. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091944	4.9	23
82	Heterogeneous and multiphase formation pathways of gypsum in the atmosphere. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 19196-204	3.6	22
81	Experimental and theoretical study of hydrogen thiocarbonate for heterogeneous reaction of carbonyl sulfide on magnesium oxide. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 3387-94	2.8	22
80	Effect of soot microstructure on its ozonization reactivity. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 084503	3.9	22
79	Sources and sinks driving sulfuric acid concentrations in contrasting environments: implications on proxy calculations. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 11747-11766	6.8	20
78	Secondary organic aerosol formation from the OH-initiated oxidation of guaiacol under different experimental conditions. <i>Atmospheric Environment</i> , <b>2019</b> , 207, 30-37	5.3	19
77	Decreasing effect and mechanism of FeSO <sub>4</sub> seed particles on secondary organic aerosol in pinene photooxidation. <i>Environmental Pollution</i> , <b>2014</b> , 193, 88-93	9.3	19
76	Important role of aromatic hydrocarbons in SOA formation from unburned gasoline vapor. <i>Atmospheric Environment</i> , <b>2019</b> , 201, 101-109	5.3	18
75	Heterogeneous Kinetics of cis-Pinonic Acid with Hydroxyl Radical under Different Environmental Conditions. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 6583-93	2.8	18
74	Continuous and comprehensive atmospheric observations in Beijing: a station to understand the complex urban atmospheric environment. <i>Big Earth Data</i> , <b>2020</b> , 4, 295-321	4.1	18

73	Effects of Adding CeO <sub>2</sub> to Ag/Al <sub>2</sub> O <sub>3</sub> Catalyst for Ammonia Oxidation at Low Temperatures. <i>Chinese Journal of Catalysis</i> , <b>2011</b> , 32, 727-735	11.3	17
72	Size-resolved particle number emissions in Beijing determined from measured particle size distributions. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 11329-11348	6.8	17
71	Size-segregated particle number and mass concentrations from different emission sources in urban Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 12721-12740	6.8	17
70	Responses of gaseous sulfuric acid and particulate sulfate to reduced SO concentration: A perspective from long-term measurements in Beijing. <i>Science of the Total Environment</i> , <b>2020</b> , 721, 137700	10.2	16
69	The photoenhanced aging process of soot by the heterogeneous ozonization reaction. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 24401-7	3.6	16
68	Role of NH in the Heterogeneous Formation of Secondary Inorganic Aerosols on Mineral Oxides. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 6311-6320	2.8	16
67	OH-initiated heterogeneous oxidation of tris-2-butoxyethyl phosphate: implications for its fate in the atmosphere. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 12195-12207	6.8	16
66	The effect of water on the heterogeneous reactions of SO <sub>2</sub> and NH <sub>3</sub> on the surfaces of Fe <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> . <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 2749-2758	7.1	15
65	Influence of sulfur in fuel on the properties of diffusion flame soot. <i>Atmospheric Environment</i> , <b>2016</b> , 142, 383-392	5.3	15
64	Ozone and SOA formation potential based on photochemical loss of VOCs during the Beijing summer. <i>Environmental Pollution</i> , <b>2021</b> , 285, 117444	9.3	15
63	Rate constant and secondary organic aerosol formation from the gas-phase reaction of eugenol with hydroxyl radicals. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 2001-2013	6.8	14
62	Oxygen Poisoning Mechanism of Catalytic Hydrolysis of OCS over Al <sub>2</sub> O <sub>3</sub> at Room Temperature. <i>Acta Physico-chimica Sinica</i> , <b>2007</b> , 23, 997-1002		14
61	The promotion effect of nitrous acid on aerosol formation in wintertime in Beijing: the possible contribution of traffic-related emissions. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 13023-13040	6.8	14
60	Unprecedented Ambient Sulfur Trioxide (SO <sub>2</sub> ) Detection: Possible Formation Mechanism and Atmospheric Implications. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 809-818	11	14
59	Differences of the oxidation process and secondary organic aerosol formation at low and high precursor concentrations. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 79, 256-263	6.4	14
58	Enhancement of secondary organic aerosol formation and its oxidation state by SO <sub>2</sub> during photooxidation of 2-methoxyphenol. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 2687-2700	6.8	13
57	Heterogeneous photochemical reaction of ozone with anthracene adsorbed on mineral dust. <i>Atmospheric Environment</i> , <b>2013</b> , 72, 165-170	5.3	13
56	A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , <b>2021</b> , 4,	8	13

55	Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China. <i>Science of the Total Environment</i> , <b>2021</b> , 753, 142207	10.2	13
54	Influence of metal-mediated aerosol-phase oxidation on secondary organic aerosol formation from the ozonolysis and OH-oxidation of $\alpha$ -pinene. <i>Scientific Reports</i> , <b>2017</b> , 7, 40311	4.9	12
53	Influence of functional groups on toxicity of carbon nanomaterials. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 8175-8187	6.8	12
52	Heterogeneous uptake of carbonyl sulfide onto kaolinite within a temperature range of 220–30 K. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		12
51	Heterogeneous reactions of carbonyl sulfide on mineral oxides: mechanism and kinetics study. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 10335-10344	6.8	12
50	Secondary aerosol formation and oxidation capacity in photooxidation in the presence of Al <sub>2</sub> O <sub>3</sub> seed particles and SO <sub>2</sub> . <i>Science China Chemistry</i> , <b>2015</b> , 58, 1426-1434	7.9	11
49	Chemical characterization of submicron aerosol in summertime Beijing: A case study in southern suburbs in 2018. <i>Chemosphere</i> , <b>2020</b> , 247, 125918	8.4	11
48	Heterogeneous reaction of NO with soot at different relative humidity. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 21248-21255	5.1	11
47	Laboratory study on OH-initiated degradation kinetics of dehydroabiatic acid. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 10953-62	3.6	11
46	Distinct potential aerosol masses under different scenarios of transport at a suburban site of Beijing. <i>Journal of Environmental Sciences</i> , <b>2016</b> , 39, 52-61	6.4	10
45	Heterogeneous oxidation of carbonyl sulfide on mineral oxides. <i>Science Bulletin</i> , <b>2007</b> , 52, 2063-2071		10
44	Influence of Chinese New Year overlapping COVID-19 lockdown on HONO sources in Shijiazhuang. <i>Science of the Total Environment</i> , <b>2020</b> , 745, 141025	10.2	10
43	Stability of polycyclic aromatic compounds in polyurethane foam-type passive air samplers upon O <sub>3</sub> exposure. <i>Atmospheric Environment</i> , <b>2015</b> , 120, 200-204	5.3	9
42	An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. <i>Atmospheric Measurement Techniques</i> , <b>2020</b> , 13, 6325-6341	4	9
41	Ozonolysis of Trimethylamine Exchanged with Typical Ammonium Salts in the Particle Phase. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 11076-11084	10.3	9
40	Acid-Base Clusters during Atmospheric New Particle Formation in Urban Beijing. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	9
39	Oxidation Potential Reduction of Carbon Nanomaterials during Atmospheric-Relevant Aging: Role of Surface Coating. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 10454-10461	10.3	8
38	Technical Note: Application of positive matrix factor analysis in heterogeneous kinetics studies utilizing the mixed-phase relative rates technique. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 9201-9211	6.8	8

37	Intelligent and Scalable Air Quality Monitoring With 5G Edge. <i>IEEE Internet Computing</i> , <b>2021</b> , 25, 35-44	2.4	8
36	A direct sulfation method for introducing the transition metal cation Co <sup>2+</sup> into ZrO <sub>2</sub> with little change in the Brønsted acid sites. <i>Journal of Catalysis</i> , <b>2011</b> , 279, 301-309	7.3	7
35	Assessment of particle size magnifier inversion methods to obtain the particle size distribution from atmospheric measurements. <i>Atmospheric Measurement Techniques</i> , <b>2020</b> , 13, 4885-4898	4	7
34	Effects of NO <sub>2</sub> and C <sub>3</sub> H <sub>6</sub> on the heterogeneous oxidation of SO <sub>2</sub> on TiO <sub>2</sub> in the presence or absence of UV <sub>A</sub> irradiation. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 14777-14790	6.8	7
33	Measurement report: Effects of photochemical aging on the formation and evolution of summertime secondary aerosol in Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 1341-1356	6.8	7
32	Effects of ultrasonic treatment on dithiothreitol (DTT) assay measurements for carbon materials. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 84, 51-58	6.4	6
31	Effect of aluminium dust on secondary organic aerosol formation in m-xylene/NO <sub>x</sub> photo-oxidation. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 245-254	4.6	6
30	Alumina with Various Pore Structures Prepared by Spray Pyrolysis of Inorganic Aluminum Precursors. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 13377-13383	3.9	6
29	Formation of nighttime sulfuric acid from the ozonolysis of alkenes in Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 5499-5511	6.8	5
28	An indicator for sulfuric acid–amine nucleation in atmospheric environments. <i>Aerosol Science and Technology</i> , <b>2021</b> , 55, 1059-1069	3.4	5
27	Ammonium nitrate promotes sulfate formation through uptake kinetic regime. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 13269-13286	6.8	5
26	Contribution of Atmospheric Oxygenated Organic Compounds to Particle Growth in an Urban Environment. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 13646-13656	10.3	5
25	Evolution of organic carbon during COVID-19 lockdown period: Possible contribution of nocturnal chemistry. <i>Science of the Total Environment</i> , <b>2021</b> , 808, 152191	10.2	4
24	Ageing remarkably alters the toxicity of carbon black particles towards susceptible cells: determined by differential changes of surface oxygen groups. <i>Environmental Science: Nano</i> , <b>2020</b> , 7, 1633-1641	7.1	4
23	Atmospheric gaseous hydrochloric and hydrobromic acid in urban Beijing, China: detection, source identification and potential atmospheric impacts. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 11437-11452	6.8	4
22	Rapid mass growth and enhanced light extinction of atmospheric aerosols during the heating season haze episodes in Beijing revealed by aerosol–chemistry–radiation boundary layer interaction. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 12173-12187	6.8	4
21	Molecular Composition of Oxygenated Organic Molecules and Their Contributions to Organic Aerosol in Beijing. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	3
20	Application of smog chambers in atmospheric process studies.. <i>National Science Review</i> , <b>2022</b> , 9, nwab1033	10.8	3

19	Chemistry of new particle formation and growth events during wintertime in suburban area of Beijing: Insights from highly polluted atmosphere. <i>Atmospheric Research</i> , <b>2021</b> , 255, 105553	5.4	3
18	A large-scale outdoor atmospheric simulation smog chamber for studying atmospheric photochemical processes: Characterization and preliminary application. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 102, 185-197	6.4	3
17	Formation of Nighttime Sulfuric Acid from the Ozonolysis of Alkenes in Beijing <b>2020</b> ,		2
16	N-nitration of secondary aliphatic amines in the particle phase.. <i>Chemosphere</i> , <b>2022</b> , 133639	8.4	2
15	Reactive uptake of ammonia to secondary organic aerosols: kinetics of organonitrogen formation		2
14	Enhanced secondary organic aerosol formation from the photo-oxidation of mixed anthropogenic volatile organic compounds. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 7773-7789	6.8	2
13	Influence of organic aerosol composition determined by offline FIGAERO-CIMS on particle absorptive properties in autumn Beijing		2
12	Size segregated particle number and mass emissions in urban Beijing <b>2020</b> ,		1
11	Highly oxidized organic aerosols in Beijing: Possible contribution of aqueous-phase chemistry. <i>Atmospheric Environment</i> , <b>2022</b> , 273, 118971	5.3	1
10	Retrieval of Multiple Atmospheric Environmental Parameters from Images with Deep Learning. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2022</b> , 1-1	4.1	1
9	Identification, Quantification, and Imaging of the Biodistribution of Soot Particles by Mass Spectral Fingerprinting. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6665-6672	7.8	1
8	Ozone formation sensitivity study using machine learning coupled with the reactivity of volatile organic compound species. <i>Atmospheric Measurement Techniques</i> , <b>2022</b> , 15, 1511-1520	4	1
7	Influence of photochemical loss of volatile organic compounds on understanding ozone formation mechanism. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 4841-4851	6.8	1
6	Influence of organic aerosol molecular composition on particle absorptive properties in autumn Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 1251-1269	6.8	0
5	The impact of ammonium on the distillation of organic carbon in PM. <i>Science of the Total Environment</i> , <b>2022</b> , 803, 150012	10.2	0
4	Long-term winter observation of nitrous acid in the urban area of Beijing.. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 114, 334-342	6.4	0
3	Amplified role of potential HONO sources in O&lt;sub&gt;3&lt;/sub&gt; formation in North China Plain during autumn haze aggravating processes. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 3275-3302	6.8	0
2	Measurement report: New particle formation characteristics at an urban and a mountain station in northern China. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 17885-17906	6.8	0



- 1 Influence of Aerosol Chemical Composition on Condensation Sink Efficiency and New Particle Formation in Beijing.. *Environmental Science and Technology Letters*, **2022**, 9, 375-382 11 ○