

Bo Hu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/557578/bo-hu-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

152
papers

3,700
citations

34
h-index

55
g-index

164
ext. papers

4,595
ext. citations

6.7
avg, IF

5.52
L-index

#	Paper	IF	Citations
152	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	6.4	0
151	Mass and number concentration distribution of marine aerosol in the Western Pacific and the influence of continental transport.. <i>Environmental Pollution</i> , 2022 , 298, 118827	9.3	1
150	The impact of the aerosol reduction on the worsening ozone pollution over the Beijing-Tianjin-Hebei region via influencing photolysis rates.. <i>Science of the Total Environment</i> , 2022 , 821, 153197	10.2	1
149	Oscillation cumulative volatile organic compounds on the northern edge of the North China Plain: Impact of mountain-plain breeze.. <i>Science of the Total Environment</i> , 2022 , 821, 153541	10.2	0
148	Air stagnation in China: Spatiotemporal variability and differing impact on PM and O ₃ during 2013-2018.. <i>Science of the Total Environment</i> , 2022 , 819, 152778	10.2	1
147	The dynamic multi-box algorithm of atmospheric environmental capacity. <i>Science of the Total Environment</i> , 2022 , 806, 150951	10.2	0
146	Vertical evolution of black and brown carbon during pollution events over North China Plain. <i>Science of the Total Environment</i> , 2022 , 806, 150950	10.2	0
145	Application of smog chambers in atmospheric process studies.. <i>National Science Review</i> , 2022 , 9, nwab103.8	10.8	3
144	Chemical characterization and source identification of PM in Luoyang after the clean air actions.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 265-276	6.4	1
143	Characterization and source identification of submicron aerosol during serious haze pollution periods in Beijing.. <i>Journal of Environmental Sciences</i> , 2022 , 112, 25-37	6.4	0
142	The environmental benefit of Beijing-Tianjin-Hebei coal banning area for North China.. <i>Journal of Environmental Management</i> , 2022 , 311, 114870	7.9	1
141	Significant reduction in atmospheric organic and elemental carbon in PM in 2+26 cities in northern China.. <i>Environmental Research</i> , 2022 , 113055	7.9	0
140	Intercomparison of global terrestrial carbon fluxes estimated by MODIS and Earth system models.. <i>Science of the Total Environment</i> , 2021 , 810, 152231	10.2	1
139	Effects of the sea-land breeze on coastal ozone pollution in the Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2021 , 807, 150306	10.2	3
138	Harnessing Ionic Power from Equilibrium Electrolyte Solution via Photoinduced Active Ion Transport through van-der-Waals-Like Heterostructures. <i>Advanced Materials</i> , 2021 , 33, e2007529	24	5
137	Application Potential of Satellite Thermal Anomaly Products in Updating Industrial Emission Inventory of China. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092997	4.9	1
136	Uncertainties of Simulated Aerosol Direct Radiative Effect Induced by Aerosol Chemical Components: A Measurement-Based Perspective From Urban-Forest Transition Region in East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033688	4.4	3

135	ROx Budgets and O ₃ Formation during Summertime at Xianghe Suburban Site in the North China Plain. <i>Advances in Atmospheric Sciences</i> , 2021 , 38, 1209-1222	2.9	1
134	Assessment of Atmospheric Oxidizing Capacity Over the Beijing-Tianjin-Hebei (BTH) Area, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033834	4.4	1
133	The influence of aerosols on the NO photolysis rate in a suburban site in North China. <i>Science of the Total Environment</i> , 2021 , 767, 144788	10.2	5
132	Exploring the inorganic and organic nitrate aerosol formation regimes at a suburban site on the North China Plain. <i>Science of the Total Environment</i> , 2021 , 768, 144538	10.2	10
131	Significant contribution of spring northwest transport to volatile organic compounds in Beijing. <i>Journal of Environmental Sciences</i> , 2021 , 104, 169-181	6.4	5
130	An unusual high ozone event over the North and Northeast China during the record-breaking summer in 2018. <i>Journal of Environmental Sciences</i> , 2021 , 104, 264-276	6.4	1
129	Mitigating NO emissions does not help alleviate wintertime particulate pollution in Beijing-Tianjin-Hebei, China. <i>Environmental Pollution</i> , 2021 , 279, 116931	9.3	9
128	Elucidating the quantitative characterization of atmospheric oxidation capacity in Beijing, China. <i>Science of the Total Environment</i> , 2021 , 771, 145306	10.2	5
127	Impact of residual layer transport on air pollution in Beijing, China. <i>Environmental Pollution</i> , 2021 , 271, 116325	9.3	11
126	Significant changes in autumn and winter aerosol composition and sources in Beijing from 2012 to 2018: Effects of clean air actions. <i>Environmental Pollution</i> , 2021 , 268, 115855	9.3	20
125	Surface Brightening in Eastern and Central China Since the Implementation of the Clean Air Action in 2013: Causes and Implications. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091105	4.9	6
124	Hygroscopicity of Organic Aerosols Linked to Formation Mechanisms. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091683	4.9	7
123	Insights into the chemistry of aerosol growth in Beijing: Implication of fine particle episode formation during wintertime. <i>Chemosphere</i> , 2021 , 274, 129776	8.4	4
122	Photolysis rate in the Beijing-Tianjin-Hebei region: Reconstruction and long-term trend. <i>Atmospheric Research</i> , 2021 , 256, 105568	5.4	4
121	Effects of different stagnant meteorological conditions on aerosol chemistry and regional transport changes in Beijing, China. <i>Atmospheric Environment</i> , 2021 , 258, 118483	5.3	2
120	Competition between Chain Extension and Crosslinking in Polyamide 1012 during High-Temperature Thermal Treatments as Revealed by Successive Self-Nucleation and Annealing Fractionation. <i>Macromolecules</i> , 2021 , 54, 7552-7563	5.5	1
119	Vertical Structure of Air Pollutant Transport Flux as Determined by Ground-Based Remote Sensing Observations in Fen-Wei Plain, China. <i>Remote Sensing</i> , 2021 , 13, 3664	5	1
118	Aggravated ozone pollution in the strong free convection boundary layer. <i>Science of the Total Environment</i> , 2021 , 788, 147740	10.2	9

117	Eddy covariance measurements of ozone flux above and below a southern subtropical forest canopy. <i>Science of the Total Environment</i> , 2021 , 791, 148338	10.2	1
116	Exploring the variation of black and brown carbon during COVID-19 lockdown in megacity Wuhan and its surrounding cities, China. <i>Science of the Total Environment</i> , 2021 , 791, 148226	10.2	3
115	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	9.3	0
114	Spatial and temporal variability of open biomass burning in Northeast China from 2003 to 2017. <i>Atmospheric and Oceanic Science Letters</i> , 2020 , 13, 240-247	1.4	9
113	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	10.2	10
112	A novel efficient broadband model to derive daily surface solar Ultraviolet radiation (0.280-0.400 μ m). <i>Science of the Total Environment</i> , 2020 , 735, 139513	10.2	6
111	Laterally Heterogeneous 2D Layered Materials as an Artificial Light-Harvesting Proton Pump. <i>Advanced Functional Materials</i> , 2020 , 30, 2001549	15.6	6
110	Contrasting trends of PM and surface-ozone concentrations in China from 2013 to 2017. <i>National Science Review</i> , 2020 , 7, 1331-1339	10.8	119
109	Long-term variation in CO emissions with implications for the interannual trend in PM over the last decade in Beijing, China. <i>Environmental Pollution</i> , 2020 , 266, 115014	9.3	3
108	Significant decreases in the volatile organic compound concentration, atmospheric oxidation capacity and photochemical reactivity during the National Day holiday over a suburban site in the North China Plain. <i>Environmental Pollution</i> , 2020 , 263, 114657	9.3	12
107	Different roles of nitrate and sulfate in air pollution episodes in the North China Plain. <i>Atmospheric Environment</i> , 2020 , 224, 117325	5.3	13
106	Reversal of Aerosol Properties in Eastern China with Rapid Decline of Anthropogenic Emissions. <i>Remote Sensing</i> , 2020 , 12, 523	5	7
105	Electric-Field-Induced Ionic Sieving at Planar Graphene Oxide Heterojunctions for Miniaturized Water Desalination. <i>Advanced Materials</i> , 2020 , 32, e1903954	24	34
104	Meteorological mechanism for a large-scale persistent severe ozone pollution event over eastern China in 2017. <i>Journal of Environmental Sciences</i> , 2020 , 92, 187-199	6.4	22
103	Photoinduced Directional Proton Transport through Printed Asymmetric Graphene Oxide Superstructures: A New Driving Mechanism under Full-Area Light Illumination. <i>Advanced Functional Materials</i> , 2020 , 30, 1907549	15.6	13
102	Emission characteristics of size distribution, chemical composition and light absorption of particles from field-scale crop residue burning in Northeast China. <i>Science of the Total Environment</i> , 2020 , 710, 136304	10.2	11
101	Exploring the regional pollution characteristics and meteorological formation mechanism of PM in North China during 2013-2017. <i>Environment International</i> , 2020 , 134, 105283	12.9	43
100	Highly time-resolved chemical characterization and implications of regional transport for submicron aerosols in the North China Plain. <i>Science of the Total Environment</i> , 2020 , 705, 135803	10.2	13

99	Light-Powered Directional Nanofluidic Ion Transport in Kirigami-Made Asymmetric Photonic-Ionic Devices. <i>Small</i> , 2020 , 16, e1905557	11	8
98	Wintertime nitrate formation pathways in the north China plain: Importance of NO heterogeneous hydrolysis. <i>Environmental Pollution</i> , 2020 , 266, 115287	9.3	13
97	Efficient Vertical Transport of Black Carbon in the Planetary Boundary Layer. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088858	4.9	10
96	Atmospheric reactivity and oxidation capacity during summer at a suburban site between Beijing and Tianjin. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8181-8200	6.8	9
95	Evaluating the size distribution characteristics and sources of atmospheric trace elements at two mountain sites: comparison of the clean and polluted regions in China. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 42713-42726	5.1	0
94	Different HONO Sources for Three Layers at the Urban Area of Beijing. <i>Environmental Science & Technology</i> , 2020 , 54, 12870-12880	10.3	17
93	Aerosol-photolysis interaction reduces particulate matter during wintertime haze events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9755-9761	11.5	34
92	Trends in particulate matter and its chemical compositions in China from 2013-2017. <i>Science China Earth Sciences</i> , 2019 , 62, 1857-1871	4.6	67
91	Mixing layer transport flux of particulate matter in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 9531-9540	6.8	15
90	Characteristics of fine particle explosive growth events in Beijing, China: Seasonal variation, chemical evolution pattern and formation mechanism. <i>Science of the Total Environment</i> , 2019 , 687, 1073-1086	10.3	42
89	Aerosol optical characteristics and radiative forcing in urban Beijing. <i>Atmospheric Environment</i> , 2019 , 212, 41-53	5.3	11
88	Characteristics of chemical composition and seasonal variations of PM in Shijiazhuang, China: Impact of primary emissions and secondary formation. <i>Science of the Total Environment</i> , 2019 , 677, 215-229	10.2	45
87	First Effort at Constructing a High-Density Photosynthetically Active Radiation Dataset during 1961-2014 in China. <i>Journal of Climate</i> , 2019 , 32, 2761-2780	4.4	22
86	Evolution of boundary layer ozone in Shijiazhuang, a suburban site on the North China Plain. <i>Journal of Environmental Sciences</i> , 2019 , 83, 152-160	6.4	27
85	Photo-induced ultrafast active ion transport through graphene oxide membranes. <i>Nature Communications</i> , 2019 , 10, 1171	17.4	82
84	Case study of the effects of aerosol chemical composition and hygroscopicity on the scattering coefficient in summer, Xianghe, southeast of Beijing, China. <i>Atmospheric Research</i> , 2019 , 225, 81-87	5.4	9
83	Characteristics and Source Apportionment of Metallic Elements in PM _{2.5} at Urban and Suburban Sites in Beijing: Implication of Emission Reduction. <i>Atmosphere</i> , 2019 , 10, 105	2.7	7
82	The carbonaceous aerosol levels still remain a challenge in the Beijing-Tianjin-Hebei region of China: Insights from continuous high temporal resolution measurements in multiple cities. <i>Environment International</i> , 2019 , 126, 171-183	12.9	44

81	Potential source regions of air pollutants at a regional background station in Northern China. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 3412-3421	2.6	6
80	Spatiotemporal characteristics of ultraviolet solar radiation in China. <i>Atmospheric and Oceanic Science Letters</i> , 2019 , 12, 302-304	1.4	2
79	Aerosol radiation feedback deteriorates the wintertime haze in the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 8703-8719	6.8	30
78	Secondary organic aerosols in Jinan, an urban site in North China: Significant anthropogenic contributions to heavy pollution. <i>Journal of Environmental Sciences</i> , 2019 , 80, 107-115	6.4	9
77	Atmospheric levels, variations, sources and health risk of PM-bound polycyclic aromatic hydrocarbons during winter over the North China Plain. <i>Science of the Total Environment</i> , 2019 , 655, 581-590	10.2	37
76	Morphology and electric conductivity controlling of in situ polymerized poly(decamethylene dodecanoamide)/polyaniline composites. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47041	2.9	1
75	Spatiotemporal variations of photosynthetically active radiation and the influencing factors in China from 1961 to 2016. <i>Theoretical and Applied Climatology</i> , 2019 , 137, 2049-2067	3	7
74	Characterization and source identification of fine particulate matter in urban Beijing during the 2015 Spring Festival. <i>Science of the Total Environment</i> , 2018 , 628-629, 430-440	10.2	42
73	Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses. <i>Chemosphere</i> , 2018 , 200, 191-200	8.4	37
72	Reversible Lamellar Periodic Structures Induced by Sequential Crystallization/Melting in PBS-co-PCL Multiblock Copolymer. <i>Macromolecules</i> , 2018 , 51, 1100-1109	5.5	14
71	Vertical characteristics of VOCs in the lower troposphere over the North China Plain during pollution periods. <i>Environmental Pollution</i> , 2018 , 236, 907-915	9.3	32
70	Radiative and heterogeneous chemical effects of aerosols on ozone and inorganic aerosols over East Asia. <i>Science of the Total Environment</i> , 2018 , 622-623, 1327-1342	10.2	54
69	Spatial-temporal characteristics of aerosol loading over the Yangtze River Basin during 2001-2015. <i>International Journal of Climatology</i> , 2018 , 38, 2138-2152	3.5	28
68	PM2.5 Characteristics and Regional Transport Contribution in Five Cities in Southern North China Plain, During 2013-2015. <i>Atmosphere</i> , 2018 , 9, 157	2.7	18
67	Thermal internal boundary layer and its effects on air pollutants during summer in a coastal city in North China. <i>Journal of Environmental Sciences</i> , 2018 , 70, 37-44	6.4	15
66	Trends of photosynthetically active radiation over China from 1961 to 2014. <i>International Journal of Climatology</i> , 2018 , 38, 4007-4024	3.5	4
65	Water-soluble ions in PM during spring haze and dust periods in Chengdu, China: Variations, nitrate formation and potential source areas. <i>Environmental Pollution</i> , 2018 , 243, 1740-1749	9.3	37
64	Typical polar organic aerosol tracers in PM over the North China Plain: Spatial distribution, seasonal variations, contribution and sources. <i>Chemosphere</i> , 2018 , 209, 758-766	8.4	14

63	Characterization of black carbon in an urban-rural fringe area of Beijing. <i>Environmental Pollution</i> , 2017 , 223, 524-534	9.3	42
62	Characterization of fine particles during the 2014 Asia-Pacific economic cooperation summit: Number concentration, size distribution and sources. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2017 , 69, 1303228	3.3	21
61	Self-Associated Polyamide Alloys with Tailored Polymorphism Transition and Lamellar Thickening for Advanced Mechanical Application. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19238-19247	9.5	11
60	Two ultraviolet radiation datasets that cover China. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 805-815	2.9	12
59	Size-resolved aerosol water-soluble ions during the summer and winter seasons in Beijing: Formation mechanisms of secondary inorganic aerosols. <i>Chemosphere</i> , 2017 , 183, 119-131	8.4	47
58	Prediction of diffuse photosynthetically active radiation using different soft computing techniques. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017 , 143, 2235-2244	6.4	18
57	Evaporation modelling using different machine learning techniques. <i>International Journal of Climatology</i> , 2017 , 37, 1076-1092	3.5	52
56	Quantification of the impact of aerosol on broadband solar radiation in North China. <i>Scientific Reports</i> , 2017 , 7, 44851	4.9	32
55	Double Crystalline Multiblock Copolymers with Controlling Microstructure for High Shape Memory Fixity and Recovery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30046-30055	9.5	28
54	Wet deposition and scavenging ratio of air pollutants during an extreme rainstorm in the North China Plain. <i>Atmospheric and Oceanic Science Letters</i> , 2017 , 10, 348-353	1.4	11
53	Validation of MODIS C6 AOD products retrieved by the Dark Target method in the Beijing-Tianjin-Hebei urban agglomeration, China. <i>Advances in Atmospheric Sciences</i> , 2017 , 34, 993-1002	2.9	15
52	Characteristics of aerosol size distributions and chemical compositions during wintertime pollution episodes in Beijing. <i>Atmospheric Research</i> , 2016 , 168, 1-12	5.4	72
51	The observation-based relationships between PM _{2.5} and AOD over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 10,701-10,716	4.4	35
50	Process analysis of characteristics of the boundary layer during a heavy haze pollution episode in an inland megacity, China. <i>Journal of Environmental Sciences</i> , 2016 , 40, 138-44	6.4	19
49	Analysis of photosynthetically active radiation and applied parameterization model for estimating of PAR in the North China Plain. <i>Journal of Atmospheric Chemistry</i> , 2016 , 73, 345-362	3.2	4
48	Change in diurnal variations of meteorological variables induced by anthropogenic aerosols over the North China Plain in summer 2008. <i>Theoretical and Applied Climatology</i> , 2016 , 124, 103-118	3	8
47	Source appointment of fine particle number and volume concentration during severe haze pollution in Beijing in January 2013. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 6845-60	5.1	40
46	The Variations and Trends of MODIS C5 & C6 Products[Errors in the Recent Decade over the Background and Urban Areas of North China. <i>Remote Sensing</i> , 2016 , 8, 754	5	21

45	Regional pollution and its formation mechanism over North China Plain: A case study with ceilometer observations and model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 14,574-14,588	4.4	62
44	Observation and estimation of photosynthetic photon flux density in Southern China. <i>Theoretical and Applied Climatology</i> , 2015 , 120, 701-712	3	8
43	Estimation of hourly and daily ultraviolet solar irradiation under various sky conditions at Sanya, Southern China. <i>Theoretical and Applied Climatology</i> , 2015 , 121, 187-198	3	0
42	The Campaign on Atmospheric Aerosol Research Network of China: CARE-China. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 1137-1155	6.1	98
41	Modeling and analysis of the spatiotemporal variations of photosynthetically active radiation in China during 1961-2012. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 49, 1019-1032	16.2	19
40	Superior shape memory properties and microstructure evolution of poly(ether-b-amide) elastomer enhanced by poly(ϵ -caprolactone). <i>RSC Advances</i> , 2015 , 5, 50628-50637	3.7	13
39	Seasonal and diurnal variation in particulate matter (PM ₁₀ and PM _{2.5}) at an urban site of Beijing: analyses from a 9-year study. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 627-42	5.1	151
38	Determination of magnetic anisotropy constants and domain wall pinning energy of Fe/MgO(001) ultrathin film by anisotropic magnetoresistance. <i>Scientific Reports</i> , 2015 , 5, 14114	4.9	13
37	Long-term variations of ultraviolet radiation in Tibetan Plateau from observation and estimation. <i>International Journal of Climatology</i> , 2015 , 35, 1245-1253	3.5	3
36	Estimation of hourly and daily photosynthetically active radiation in Inner Mongolia, China, from 1990 to 2012. <i>International Journal of Climatology</i> , 2015 , 35, 3120-3131	3.5	14
35	Phosphorylation and activation of ubiquitin-specific protease-14 by Akt regulates the ubiquitin-proteasome system. <i>ELife</i> , 2015 , 4, e10510	8.9	66
34	Long-range transport and regional sources of PM _{2.5} in Beijing based on long-term observations from 2005 to 2010. <i>Atmospheric Research</i> , 2015 , 157, 37-48	5.4	132
33	UV variability in an arid region of Northwest China from measurements and reconstructions. <i>International Journal of Climatology</i> , 2015 , 35, 1938-1947	3.5	3
32	Probing nonlinear magnetization dynamics in Fe/MgO(001) film by all optical pump-probe technique. <i>Applied Physics Letters</i> , 2014 , 104, 142405	3.4	7
31	Two-way shape memory property and its structural origin of cross-linked poly(ϵ -caprolactone). <i>RSC Advances</i> , 2014 , 4, 55483-55494	3.7	47
30	Reconstruction of daily ultraviolet radiation for nine observation stations in China. <i>Journal of Atmospheric Chemistry</i> , 2014 , 71, 303-319	3.2	5
29	Unsymmetrical magnetization switching in Fe/Si(001) single crystalline film induced by weak bias field. <i>Journal of Applied Physics</i> , 2014 , 115, 123910	2.5	1
28	Measurements and cloudiness influence on UV radiation in Central China. <i>International Journal of Climatology</i> , 2014 , 34, 3417-3425	3.5	11

27	Empirical studies of cloud effects on ultraviolet radiation in Central China. <i>International Journal of Climatology</i> , 2014 , 34, 2218-2228	3.5	17
26	The Influence of Climate Factors, Meteorological Conditions, and Boundary-Layer Structure on Severe Haze Pollution in the Beijing-Tianjin-Hebei Region during January 2013. <i>Advances in Meteorology</i> , 2014 , 2014, 1-14	1.7	74
25	Comparison of multi-empirical estimation models of photosynthetically active radiation under all sky conditions in Northeast China. <i>Theoretical and Applied Climatology</i> , 2014 , 116, 119-129	3	11
24	Mechanism for the formation of the January 2013 heavy haze pollution episode over central and eastern China. <i>Science China Earth Sciences</i> , 2014 , 57, 14-25	4.6	512
23	Variation characteristics of ultraviolet radiation over the north china plain. <i>Advances in Atmospheric Sciences</i> , 2014 , 31, 110-117	2.9	6
22	Systematic analysis of microfauna indicator values for treatment performance in a full-scale municipal wastewater treatment plant. <i>Journal of Environmental Sciences</i> , 2013 , 25, 1379-85	6.4	15
21	Measurement and estimation of photosynthetically active radiation from 1961 to 2011 in Central China. <i>Applied Energy</i> , 2013 , 111, 1010-1017	10.7	41
20	Dynamics of the microfauna community in a full-scale municipal wastewater treatment plant experiencing sludge bulking. <i>European Journal of Protistology</i> , 2013 , 49, 491-9	3.6	17
19	In situ measurement of PM1 organic aerosol in Beijing winter using a high-resolution aerosol mass spectrometer. <i>Science Bulletin</i> , 2012 , 57, 819-826		29
18	Reductions of PM2.5 in Beijing-Tianjin-Hebei urban agglomerations during the 2008 Olympic Games. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 1330-1342	2.9	42
17	Responses of protists with different feeding habits to the changes of activated sludge conditions: a study based on biomass data. <i>Journal of Environmental Sciences</i> , 2012 , 24, 2127-32	6.4	8
16	The climatological characteristics of photosynthetically active radiation in arid and semi-arid regions of China. <i>Journal of Atmospheric Chemistry</i> , 2012 , 69, 175-186	3.2	6
15	Relationship between net radiation and broadband solar radiation in the Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 135-143	2.9	10
14	Using synoptic classification and trajectory analysis to assess air quality during the winter heating period in Hq, China. <i>Advances in Atmospheric Sciences</i> , 2012 , 29, 307-319	2.9	4
13	Seasonal variations in aerosol optical properties over China. <i>Journal of Geophysical Research</i> , 2011 , 116,		72
12	Variation characteristics of ultraviolet radiation derived from measurement and reconstruction in Beijing, China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2010 , 62, 100-108	3.3	32
11	Size distributions and elemental compositions of particulate matter on clear, hazy and foggy days in Beijing, China. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 663-675	2.9	16
10	Long-term trends in photosynthetically active radiation in Beijing. <i>Advances in Atmospheric Sciences</i> , 2010 , 27, 1380-1388	2.9	20

9	Model analysis of aerosol optical depth distributions over East Asia. <i>Science China Earth Sciences</i> , 2010 , 53, 1079-1090	4.6	13
8	Variability and reduction of atmospheric pollutants in Beijing and its surrounding area during the Beijing 2008 Olympic Games. <i>Science Bulletin</i> , 2010 , 55, 1937-1944		67
7	The characteristics of ultraviolet radiation in arid and semi-arid regions of China. <i>Journal of Atmospheric Chemistry</i> , 2010 , 67, 141-155	3.2	3
6	Influences of the clearness index on UV solar radiation for two locations in the Tibetan Plateau-Lhasa and Haibei. <i>Advances in Atmospheric Sciences</i> , 2008 , 25, 885-896	2.9	23
5	Aerosol optical depth (AOD) and Ångström exponent of aerosols observed by the Chinese Sun Hazemeter Network from August 2004 to September 2005. <i>Journal of Geophysical Research</i> , 2007 , 112,		153
4	Spatiotemporal characteristics of photosynthetically active radiation in China. <i>Journal of Geophysical Research</i> , 2007 , 112,		39
3	Validation of MODIS aerosol products by CSHNET over China. <i>Science Bulletin</i> , 2007 , 52, 1708-1718		25
2	An Analysis for Vertical Distribution of O ₃ , NO _x and CO in the Atmosphere During a Serious Air Pollution in Beijing. <i>Chinese Journal of Geophysics</i> , 2006 , 49, 1475-1482		3
1	Evaluation of satellite land surface albedo products over China using ground-measurements. <i>International Journal of Digital Earth</i> , 1-21	3.9	0