

Chang Ming

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2354228/chang-ming-publications-by-citations.pdf>

Version: 2024-04-27

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.

40
papers

329
citations

10
h-index

16
g-index

47
ext. papers

460
ext. citations

5.6
avg, IF

3.45
L-index

#	Paper	IF	Citations
40	Wet and dry deposition fluxes of heavy metals in Pearl River Delta Region (China): Characteristics, ecological risk assessment, and source apportionment. <i>Journal of Environmental Sciences</i> , 2018 , 70, 106-123	6.4	43
39	High-resolution sampling and analysis of ambient particulate matter in the Pearl River Delta region of southern China: source apportionment and health risk implications. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 2049-2064	6.8	27
38	Regional to Global Biogenic Isoprene Emission Responses to Changes in Vegetation From 2000 to 2015. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 3757-3771	4.4	25
37	Long-term atmospheric visibility, sunshine duration and precipitation trends in South China. <i>Atmospheric Environment</i> , 2015 , 107, 204-216	5.3	24
36	Photochemical indicators of ozone sensitivity: application in the Pearl River Delta, China. <i>Frontiers of Environmental Science and Engineering</i> , 2016 , 10, 1	5.8	24
35	Chemical Composition of PM _{2.5} and its Impact on Visibility in Guangzhou, Southern China. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 2349-2361	4.6	18
34	High time-resolved elemental components in fine and coarse particles in the Pearl River Delta region of Southern China: Dynamic variations and effects of meteorology. <i>Science of the Total Environment</i> , 2016 , 572, 634-648	10.2	17
33	Evidence of Rural and Suburban Sources of Urban Haze Formation in China: A Case Study From the Pearl River Delta Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 4712-4726	4.4	13
32	Properties of aerosols and formation mechanisms over southern China during the monsoon season. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 13271-13289	6.8	11
31	Stabilization for the secondary species contribution to PM _{2.5} in the Pearl River Delta (PRD) over the past decade, China: A meta-analysis. <i>Atmospheric Environment</i> , 2020 , 242, 117817	5.3	11
30	Impact of Land-Use Change on Atmospheric Environment Using Refined Land Surface Properties in the Pearl River Delta, China. <i>Advances in Meteorology</i> , 2016 , 2016, 1-15	1.7	10
29	Numerical model to quantify biogenic volatile organic compound emissions: The Pearl River Delta region as a case study. <i>Journal of Environmental Sciences</i> , 2016 , 46, 72-82	6.4	9
28	An optimal ensemble of the Noah-MP land surface model for simulating surface heat fluxes over a typical subtropical forest in South China. <i>Agricultural and Forest Meteorology</i> , 2020 , 281, 107815	5.8	9
27	Identification of pedestrian-level ventilation corridors in downtown Beijing using large-eddy simulations. <i>Building and Environment</i> , 2020 , 182, 107169	6.5	9
26	Evaluating the effects of ground-level O ₃ on rice yield and economic losses in Southern China. <i>Environmental Pollution</i> , 2020 , 267, 115694	9.3	9
25	The impact of inhomogeneous urban canopy parameters on meteorological conditions and implication for air quality in the Pearl River Delta region. <i>Urban Climate</i> , 2019 , 29, 100494	6.8	7
24	Evaluate dry deposition velocity of the nitrogen oxides using Noah-MP physics ensemble simulations for the Dinghushan Forest, Southern China. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017 , 53, 519-536	2.1	7

23	Impact of refined land surface properties on the simulation of a heavy convective rainfall process in the Pearl River Delta region, China. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014 , 50, 645-655	2.1	7
22	Aerosol optical depth assimilation for a modal aerosol model: Implementation and application in AOD forecasts over East Asia. <i>Science of the Total Environment</i> , 2020 , 719, 137430	10.2	6
21	Development of the Real-time On-road Emission (ROE v1.0) model for street-scale air quality modeling based on dynamic traffic big data. <i>Geoscientific Model Development</i> , 2020 , 13, 23-40	6.3	6
20	A new method for quantification of regional nitrogen emission - Deposition transmission in China. <i>Atmospheric Environment</i> , 2020 , 227, 117401	5.3	6
19	Dry deposition of reactive nitrogen to different ecosystems across eastern China: A comparison of three community models. <i>Science of the Total Environment</i> , 2020 , 720, 137548	10.2	5
18	A quantitative analysis of the driving factors affecting seasonal variation of aerosol pH in Guangzhou, China. <i>Science of the Total Environment</i> , 2020 , 725, 138228	10.2	5
17	Refined urban canopy parameters and their impacts on simulation of urbanization-induced climate change. <i>Urban Climate</i> , 2021 , 37, 100847	6.8	4
16	Temporal and spatial patterns of nitrogen wet deposition in different weather types in the Pearl River Delta (PRD), China. <i>Science of the Total Environment</i> , 2020 , 740, 139936	10.2	3
15	Identification of ventilation corridors using backward trajectory simulations in Beijing. <i>Sustainable Cities and Society</i> , 2021 , 70, 102889	10.1	3
14	A New Index Developed for Fast Diagnosis of Meteorological Roles in Ground-Level Ozone Variations.. <i>Advances in Atmospheric Sciences</i> , 2022 , 39, 1-12	2.9	2
13	High Contribution of South Asian Biomass Burning to Southeastern Tibetan Plateau Air: New Evidence from Radiocarbon Measurement. <i>Environmental Science and Technology Letters</i> ,	11	2
12	Long-term variability in base cation, sulfur and nitrogen deposition and critical load exceedance of terrestrial ecosystems in China. <i>Environmental Pollution</i> , 2021 , 289, 117974	9.3	2
11	Development of a real-time on-road emission (ROE v1.0) model for street-scale air quality modeling based on dynamic traffic big data 2019 ,		1
10	The regional nature of nitrate-dominant haze pollution during autumn over the Pearl River Delta area. <i>Atmospheric and Oceanic Science Letters</i> , 2020 , 13, 252-259	1.4	1
9	Are typhoon and marine eutrophication the possible missing sources of high dissolved organic nitrogen in wet deposition?. <i>Atmospheric and Oceanic Science Letters</i> , 2020 , 13, 182-187	1.4	1
8	Distribution of SO ₂ and the Meteorological Factors in Yantai Urban Areas from 2008 to 2010. <i>Advanced Materials Research</i> , 2011 , 356-360, 2118-2123	0.5	1
7	Improvement and Impacts of Forest Canopy Parameters on Noah-MP Land Surface Model from UAV-Based Photogrammetry. <i>Remote Sensing</i> , 2020 , 12, 4120	5	1
6	Effects of Meteorological Factors on PM ₁₀ Pollution in Yantai Urban Areas. <i>Applied Mechanics and Materials</i> , 2012 , 178-181, 328-331	0.3	

- 5 Research on Temporal and Spatial Distribution of PM10 in Yantai Urban Areas from 2006 to 2010. *Applied Mechanics and Materials*, **2012**, 178-181, 737-740 0.3
- 4 Study on Technology of Extracting Potassium with Alkaline Hydrothermal Method. *Advanced Materials Research*, **2012**, 512-515, 2325-2328 0.5
- 3 Improvement of stomatal resistance and photosynthesis mechanism of Noah-MP-WDDM (v1.42) in simulation of NO₂; dry deposition velocity in forests. *Geoscientific Model Development*, **2022**, 15, 787-801 6.3
- 2 Modelling Atmospheric Nitrogen Deposition in China **2020**, 67-85
- 1 Deposition of ambient particles in the human respiratory system based on single particle analysis: A case study in the Pearl River Delta, China. *Environmental Pollution*, **2021**, 283, 117056 9.3