Shi Kai

List of Publications by Year
in descending order

18	272	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on methodology in O3-NOx-VOC sensitivity study. Environmental Pollution, 2021, 291, 118249.	7.5	46
2	Multifractal Processes and Self-Organized Criticality of PM2.5 during a Typical Haze Period in Chengdu, China. Aerosol and Air Quality Research, 2015, 15, 926-934.	2.1	30
3	Multifractal detrended cross-correlation analysis on NO, NOx<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml9" display="inline" overflow="scroll" altimg="si9.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mi mathvariant="bold">2</mml:mi></mml:mrow></mml:msub></mml:math>and O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml10" display="inline" overflow="scroll" altimg="si10.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mi mathvariant="bold">3</mml:mi></mml:mrow></mml:msub></mml:math>	2.6	28
4	Self-organized criticality of air pollution. Atmospheric Environment, 2009, 43, 3301-3304.	4.1	27
5	The multifractal evaluation of PM2.5-O3 coordinated control capability in China. Ecological Indicators, 2021, 129, 107877.	6.3	24
6	Self-organized criticality of climate change. Theoretical and Applied Climatology, 2014, 115, 685-691.	2.8	23
7	Sensitivity analysis of O3 formation to its precursors-Multifractal approach. Atmospheric Environment, 2021, 251, 118275.	4.1	19
8	Coupling detrended fluctuation analysis of the relationship between O3 and its precursors â€“a case study in Taiwan. Atmospheric Environment, 2018, 188, 18-24.	4.1	18
9	Role of PM2.5 in the photodegradation of the atmospheric benzene. Environmental Pollution, 2019, 247, 447-456.	7.5	15
10	LONG-TERM CORRELATIONS AND MULTIFRACTALITY OF TRAFFIC FLOW MEASURED BY GIS FOR CONGESTED AND FREE-FLOW ROADS. Fractals, 2016, 24, 1650012.	3.7	10
11	Spatialâ€“Temporal Variability of Land Surface Temperature Spatial Pattern: Multifractal Detrended Fluctuation Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2010-2018.	4.9	9
12	MONOFRACTAL AND MULTIFRACTAL SCALING ANALYSIS OF pH TIME SERIES FROM DONGTING LAKE INLET AND OUTLET. Fractals, 2010, 18, 309-317.	3.7	6
13	Response of air quality to short-duration high-strength human tourism activities at a natural scenic spot: a case study in Zhangjiajie, China. Environmental Monitoring and Assessment, 2021, 193, 697.	2.7	5
14	A study of cross-correlations between PM<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e657" altimg="si122.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mi mathvariant="normal">2.5</mml:mi></mml:mrow></mml:msub></mml:math> and O3 based on Copula and Multifractal methods. Physica A: Statistical Mechanics and Its Applications, 2022, 589, 126651.	2.6	5
15	Assessing the Wet Deposition Mechanism of Benzo(a)pyrene in the Atmosphere by MF-DCCA. Atmosphere, 2019, 10, 331.	2.3	3
16	The difference of multifractality of black carbon, NOx and CO at traffic site and its implications for air pollution sources. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1715.	4.0	3
17	Comparative analysis of contributions of wet deposition and photodegradation to the removal of atmospheric BaP by MFDCCA. Scientific Reports, 2021, 11, 5515.	3.3	1
18	Time-scaling Differences between Poyang Lake Inlet and Outlet COD Series: Monofractal and Multifractal Aspects. , 2010, , .		0