Mikalai Filonchyk

List of Publications by Year
in descending order

25 papers	699 citations	623188 14 h-index	676716 22 g-index
31 all docs	31 docs citations	31 times ranked	759 citing authors

#	Article	IF	Citations
1	Impact Assessment of COVID-19 on Variations of SO2, NO2, CO and AOD over East China. Aerosol and Air Quality Research, 2020, 20, 1530-1540.	0.9	114
2	Impact of Covid-19 lockdown on air quality in the Poland, Eastern Europe. Environmental Research, 2021, 198, 110454.	3.7	75
3	Characteristics of the severe March 2021 Gobi Desert dust storm and its impact on air pollution in China. Chemosphere, 2022, 287, 132219.	4.2	62
4	Combined use of satellite and surface observations to study aerosol optical depth in different regions of China. Scientific Reports, 2019, 9, 6174.	1.6	58
5	Air Quality Changes in Shanghai, China, and the Surrounding Urban Agglomeration During the COVID-19 Lockdown. Journal of Geovisualization and Spatial Analysis, 2020, 4, 1.	2.1	51
6	The characteristics of air pollutants during different seasons in the urban area of Lanzhou, Northwest China. Environmental Earth Sciences, 2018, 77, 1.	1.3	35
7	Temporal and spatial variation of particulate matter and its correlation with other criteria of air pollutants in Lanzhou, China, in spring-summer periods. Atmospheric Pollution Research, 2018, 9, 1100-1110.	1.8	33
8	Validation of MODIS Aerosol Products with AERONET Measurements of Different Land Cover Types in Areas over Eastern Europe and China. Journal of Geovisualization and Spatial Analysis, 2020, 4, 1.	2.1	32
9	A study of PM2.5 and PM10 concentrations in the atmosphere of large cities in Gansu Province, China, in summer period. Journal of Earth System Science, 2016, 125, 1175-1187.	0.6	28
10	Analysis of spatial and temporal variability of aerosol optical depth over China using MODIS combined Dark Target and Deep Blue product. Theoretical and Applied Climatology, 2019, 137, 2271-2288.	1.3	28
11	Trends in aerosol optical properties over Eastern Europe based on MODIS-Aqua. Geoscience Frontiers, 2020, 11, 2169-2181.	4.3	28
12	Deterioration of air quality associated with the 2020 US wildfires. Science of the Total Environment, 2022, 826, 154103.	3.9	23
13	Atmospheric pollution assessment near potential source of natural aerosols in the South Gobi Desert region, China. GIScience and Remote Sensing, 2020, 57, 227-244.	2.4	21
14	Detection of aerosol pollution sources during sandstorms in Northwestern China using remote sensed and model simulated data. Advances in Space Research, 2018, 61, 1035-1046.	1.2	19
15	Aerosol contamination survey during dust storm process in Northwestern China using ground, satellite observations and atmospheric modeling data. Theoretical and Applied Climatology, 2019, 135, 119-133.	1.3	15
16	Air pollution in the Gobi Desert region: Analysis of dustâ€storm events. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 1097-1111.	1.0	15
17	Climatology of aerosol optical depth over Eastern Europe based on 19â€‰years (2000â€“2018) MODIS TERRA data. International Journal of Climatology, 2020, 40, 3531-3549.	1.5	13
18	Development, progression, and impact on urban air quality of the dust storm in Asia in March 15â€“18, 2021. Urban Climate, 2022, 41, 101080.	2.4	13

#	Article	IF	Citations
19	Spatial distribution and temporal variation of atmospheric pollution in the South Gobi Desert, China, during 2016â€“2019. Environmental Science and Pollution Research, 2020, 27, 26579-26593.	2.7	9
20	Columnar optical characteristics and radiative properties of aerosols of the AERONET site in Minsk, Belarus. Atmospheric Environment, 2021, 249, 118237.	1.9	7
21	Temporalâ€spatial variations of air pollutants in Lanzhou, Gansu Province, China, during the springâ€“summer periods, 2014â€“2016. Environmental Quality Management, 2017, 26, 65-74.	1.0	6
22	Urban Air Pollution Monitoring by Ground-Based Stations and Satellite Data. , 2019, , .		5
23	Analysis of the Causes of Influencing Factors of Air Pollution in Lanzhou. , 2019, , 97-126.		2
24	Impact of COVID-19 pandemic on air quality changes in Shanghai, China. Environmental Forensics, 0, , 1-6.	1.3	2
25	Level of Pollutants Concentration in the Atmosphere of Lanzhou. , 2019, , 73-95.		0