Mariusz Rogulski

List of Publications by Year
in descending order

21	131	1307594 7	1281871 11
papers	citations	h-index	g-index

21	21	21	140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the Quality of Measurements Made by Alphasense NO2 Non-Reference Sensors Using the Mathematical Methods. Sensors, 2022, 22, 3619.	3.8	6
2	Air Pollution Observations in Selected Locations in Poland during the Lockdown Related to COVID-19. Atmosphere, 2021, 12, 806.	2.3	9
3	The Share of Pollution from Land Sources in PM Levels in the Region of Danish Straits, North and Baltic Seas. Environmental and Climate Technologies, 2021, 25, 764-773.	1.4	3
4	Equivalent Celerity in Water Hammer for Serially Connected Pipelines. Journal of Pipeline Systems Engineering and Practice, 2020, 11, 04019039.	1.6	2
5	Assessment of the Equivalence of Low-Cost Sensors with the Reference Method in Measuring PM10 Concentration Using Selected Correction Functions. Sustainability, 2020, 12, 5368.	3.2	3
6	Are BBQs Significantly Polluting Air in Poland? A Simple Comparison of Barbecues vs. Domestic Stoves and Boilers Emissions. Energies, 2020, 13, 6245.	3.1	9
7	Investigation of Low-Cost and Optical Particulate Matter Sensors for Ambient Monitoring. Atmosphere, 2020, 11, 1040.	2.3	16
8	Current trends in network based air quality monitoring systems. IOP Conference Series: Earth and Environmental Science, 2019, 214, 012085.	0.3	0
9	Application of the Correction Function to Improve the Quality of PM Measurements with Low-Cost Devices. SHS Web of Conferences, 2018, 57, 02009.	0.2	1
10	The use of low-cost measuring devices for testing air quality in hard-to-reach locations. E3S Web of Conferences, 2018, 44, 00151.	0.5	0
11	The Influence of Marine Traffic on Particulate Matter (PM) Levels in the Region of Danish Straits, North and Baltic Seas. Sustainability, 2018, 10, 4231.	3.2	13
12	Uncertainty of PM₁₀ concentration measurement on the example of an optical measuring device. SHS Web of Conferences, 2018, 57, 02008.	0.2	1
13	Indoor PM10 concentration measurements using low-cost monitors in selected locations in Warsaw. Energy Procedia, 2018, 147, 137-144.	1.8	8
14	Preliminary comparative assessment and elements of equivalence of air pollution measurement results of portable monitoring stations with using stochastic models. E3S Web of Conferences, 2018, 28, 01028.	0.5	6
15	Preliminary comparative assessment of PM10 hourly measurement results from new monitoring stations type using stochastic and exploratory methodology and models. E3S Web of Conferences, 2018, 28, 01010.	0.5	5
16	Displacements of the pipe system caused by a transient phenomenon using the dynamic forces measured in the laboratory. Measurement and Control, 2018, 51, 443-452.	1.8	5
17	Using Low-Cost PM Monitors to Detect Local Changes of Air Quality. Polish Journal of Environmental Studies, 2018, 27, 1699-1705.	1.2	18
18	Use of equivalent celerity to estimate maximum pressure increase in serial pipes during water hammer - numerical simulations in MATLAB. International Journal of Computational Methods and Experimental Measurements, 2018, 7, 22-32.	0.2	2

#	Article	IF	Citations
19	Low-cost PM monitors as an opportunity to increase the spatiotemporal resolution of measurements of air quality. Energy Procedia, 2017, 128, 437-444.	1.8	22
20	Application of SensorML in the Description of the Prototype Air Monitoring Network. , 2017, , .		2
21	The Applicability Of SWE In Polish Spatial Data Infrastructures - The Example Of The SensorML Language. Foundations of Computing and Decision Sciences, 2015, 40, 187-201.	1.2	0