

Mariusz Rogulski

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

131
citations

1307594

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1281871

11
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21
all docs

21
docs citations

21
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-cost PM monitors as an opportunity to increase the spatiotemporal resolution of measurements of air quality. <i>Energy Procedia</i> , 2017, 128, 437-444.	1.8	22
2	Using Low-Cost PM Monitors to Detect Local Changes of Air Quality. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 1699-1705.	1.2	18
3	Investigation of Low-Cost and Optical Particulate Matter Sensors for Ambient Monitoring. <i>Atmosphere</i> , 2020, 11, 1040.	2.3	16
4	The Influence of Marine Traffic on Particulate Matter (PM) Levels in the Region of Danish Straits, North and Baltic Seas. <i>Sustainability</i> , 2018, 10, 4231.	3.2	13
5	Are BBQs Significantly Polluting Air in Poland? A Simple Comparison of Barbecues vs. Domestic Stoves and Boilers Emissions. <i>Energies</i> , 2020, 13, 6245.	3.1	9
6	Air Pollution Observations in Selected Locations in Poland during the Lockdown Related to COVID-19. <i>Atmosphere</i> , 2021, 12, 806.	2.3	9
7	Indoor PM10 concentration measurements using low-cost monitors in selected locations in Warsaw. <i>Energy Procedia</i> , 2018, 147, 137-144.	1.8	8
8	Preliminary comparative assessment and elements of equivalence of air pollution measurement results of portable monitoring stations with using stochastic models. <i>E3S Web of Conferences</i> , 2018, 28, 01028.	0.5	6
9	Improving the Quality of Measurements Made by Alphasense NO2 Non-Reference Sensors Using the Mathematical Methods. <i>Sensors</i> , 2022, 22, 3619.	3.8	6
10	Preliminary comparative assessment of PM10 hourly measurement results from new monitoring stations type using stochastic and exploratory methodology and models. <i>E3S Web of Conferences</i> , 2018, 28, 01010.	0.5	5
11	Displacements of the pipe system caused by a transient phenomenon using the dynamic forces measured in the laboratory. <i>Measurement and Control</i> , 2018, 51, 443-452.	1.8	5
12	Assessment of the Equivalence of Low-Cost Sensors with the Reference Method in Measuring PM10 Concentration Using Selected Correction Functions. <i>Sustainability</i> , 2020, 12, 5368.	3.2	3
13	The Share of Pollution from Land Sources in PM Levels in the Region of Danish Straits, North and Baltic Seas. <i>Environmental and Climate Technologies</i> , 2021, 25, 764-773.	1.4	3
14	Equivalent Celerity in Water Hammer for Serially Connected Pipelines. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2020, 11, 04019039.	1.6	2
15	Application of SensorML in the Description of the Prototype Air Monitoring Network. , 2017, , .		2
16	Use of equivalent celerity to estimate maximum pressure increase in serial pipes during water hammer - numerical simulations in MATLAB. <i>International Journal of Computational Methods and Experimental Measurements</i> , 2018, 7, 22-32.	0.2	2
17	Application of the Correction Function to Improve the Quality of PM Measurements with Low-Cost Devices. <i>SHS Web of Conferences</i> , 2018, 57, 02009.	0.2	1
18	Uncertainty of PM ₁₀ concentration measurement on the example of an optical measuring device. <i>SHS Web of Conferences</i> , 2018, 57, 02008.	0.2	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Current trends in network based air quality monitoring systems. IOP Conference Series: Earth and Environmental Science, 2019, 214, 012085.	0.3	0