

Artur J Badyda

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

525
citations

687363

13
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713466

21
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all docs

56
docs citations

56
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Particulate Matter in the Air of the Wieliczka Salt Mine and Related Health Benefits for Tourists. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 826.	2.6	9
2	Cement Mortars with Addition of Fly Ash from Thermal Transformation of Sewage Sludge and Zeolite. <i>Energies</i> , 2022, 15, 1399.	3.1	2
3	Financing Costs and Health Effects of Air Pollution in the Tri-City Agglomeration. <i>Frontiers in Public Health</i> , 2022, 10, 831312.	2.7	4
4	Improving the Quality of Measurements Made by Alphasense NO ₂ Non-Reference Sensors Using the Mathematical Methods. <i>Sensors</i> , 2022, 22, 3619.	3.8	6
5	Ambient Air Pollution and Risk of Admission Due to Asthma in the Three Largest Urban Agglomerations in Poland: A Time-Stratified, Case-Crossover Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5988.	2.6	6
6	Influence of Selected Air Pollutants on Mortality and Pneumonia Burden in Three Polish Cities over the Years 2011–2018. <i>Journal of Clinical Medicine</i> , 2022, 11, 3084.	2.4	5
7	Health-Based Approach to Determine Alert and Information Thresholds for Particulate Matter Air Pollution. <i>Sustainability</i> , 2021, 13, 1345.	3.2	1
8	Air Pollution Increases the Incidence of Upper Respiratory Tract Symptoms among Polish Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 2150.	2.4	28
9	Impact of Air Pollution on Lung Function among Preadolescent Children in Two Cities in Poland. <i>Journal of Clinical Medicine</i> , 2021, 10, 2375.	2.4	12
10	Air Pollution Observations in Selected Locations in Poland during the Lockdown Related to COVID-19. <i>Atmosphere</i> , 2021, 12, 806.	2.3	9
11	Air Pollutants' Concentrations Are Associated with Increased Number of RSV Hospitalizations in Polish Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 3224.	2.4	18
12	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
13	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
14	Investigation of Low-Cost and Optical Particulate Matter Sensors for Ambient Monitoring. <i>Atmosphere</i> , 2020, 11, 1040.	2.3	16
15	A Preliminary Attempt at the Identification and Financial Estimation of the Negative Health Effects of Urban and Industrial Air Pollution Based on the Agglomeration of Gdańsk. <i>Sustainability</i> , 2020, 12, 42.	3.2	16
16	Exposure to PM _{2.5} and PM _{2.5} -bound PAHs and its influence on respiratory tract function and cytokines concentrations changes in healthy adults. , 2020, , .		0
17	Upper respiratory symptoms in children (3-12 years old) exposed on different levels of ambient particulate matter. , 2020, , .		0
18	Current trends in network based air quality monitoring systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 214, 012085.	0.3	0

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19	Fine particulate matter (PM2.5) influence on respiratory tract function and systemic inflammation parameters in healthy adults. , 2019, , .		0
20	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
21	Air quality health indices - review. MATEC Web of Conferences, 2018, 247, 00002.	0.2	10
22	Children exposure to PM2.5 in kindergarten classrooms equipped with air purifiers - a pilot study. MATEC Web of Conferences, 2018, 247, 00016.	0.2	9
23	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
24	Business insurances as an element of sustainable development of small and medium enterprises in Poland. SHS Web of Conferences, 2018, 57, 01024.	0.2	1
25	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
26	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
27	Experimental investigation and comparison of energy consumption of electric and conventional vehicles due to the driving pattern. International Journal of Green Energy, 2018, 15, 773-779.	3.8	22
28	Respiratory diseases admissions due to the smog episode in Warsaw in January 2017. , 2018, , .		3
29	Cardiopulmonary diseases and lung cancer mortality due to PM2.5 exposure in 11 Polish Agglomerations in 2006-2015. , 2018, , .		1
30	Indoor Exposure to Volatile Organic Compounds in Children: Health Risk Assessment in the Context of Physiological Development. Advances in Experimental Medicine and Biology, 2017, 1021, 43-53.	1.6	2
31	Inhalation Exposure to PM-Bound Polycyclic Aromatic Hydrocarbons Released from Barbecue Grills Powered by Gas, Lump Charcoal, and Charcoal Briquettes. Advances in Experimental Medicine and Biology, 2017, 1023, 11-27.	1.6	14
32	Providing high-quality measurement data in analytical system of air pollution monitoring and their key importance for smart cities residents. Annals of Warsaw University of Life Sciences, Land Reclamation, 2017, 49, 241-253.	0.2	1
33	PM and PM-bound PAHs exposure from barbecues powered by gas, lump charcoal and charcoal briquettes as a risk factor of lung cancer. , 2017, , .		2
34	Coal and wood burning products as a risk factor of respiratory and cardiovascular diseases – preliminary results of household PM2.5 emissions on health risk. , 2017, , .		0
35	Smog episode in Poland in January 2017 as a risk factor of increased hospital admissions due to respiratory and cardiovascular exacerbations. , 2017, , .		0
36	Pulmonary Function and Incidence of Selected Respiratory Diseases Depending on the Exposure to Ambient PM10. International Journal of Molecular Sciences, 2016, 17, 1954.	4.1	34

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37	Particulate Matter in the Air of the Underground Chamber Complex of the Wieliczka Salt Mine Health Resort. <i>Advances in Experimental Medicine and Biology</i> , 2016, 955, 9-18.	1.6	14
38	Ambient PM2.5 Exposure and Mortality Due to Lung Cancer and Cardiopulmonary Diseases in Polish Cities. <i>Advances in Experimental Medicine and Biology</i> , 2016, 944, 9-17.	1.6	75
39	Polish and World spirometry days – Three years of research experience on causes and consequences of obstructive diseases in Poland. , 2016, , .		0
40	Influence of fine particulate matter from household emissions on selected respiratory and cardiovascular diseases – Initial results. , 2016, , .		0
41	Socioeconomic Effects of Chronic Obstructive Pulmonary Disease from the Public Payer’s Perspective in Poland. <i>Advances in Experimental Medicine and Biology</i> , 2015, 885, 53-66.	1.6	3
42	The Impact of Selected Parameters on Visibility: First Results from a Long-Term Campaign in Warsaw, Poland. <i>Atmosphere</i> , 2015, 6, 1154-1174.	2.3	34
43	Risk of bronchi obstruction among non-smokers – Review of environmental factors affecting bronchoconstriction. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 39-46.	1.6	26
44	Assessment of Air Pollution Effects on the Respiratory System Based on Pulmonary Function Tests Performed During Spirometry Days. <i>Advances in Experimental Medicine and Biology</i> , 2015, 873, 43-52.	1.6	8
45	Respiratory efficiency and incidence of selected pulmonary diseases depending on exposure to ambient particulate matter (PM10). , 2015, , .		0
46	Obstructive diseases - Epidemiology and public awareness of the causes, course and effects. Selected results of the Polish Spirometry Day 2013 and World Spirometry Day 2014. , 2015, , .		0
47	The Influence of Particulate Matter on Respiratory Morbidity and Mortality in Children and Infants. <i>Advances in Experimental Medicine and Biology</i> , 2014, 849, 39-48.	1.6	27
48	Traffic-Related Air Pollution and Respiratory Tract Efficiency. <i>Advances in Experimental Medicine and Biology</i> , 2014, 834, 31-38.	1.6	12
49	Relative Risk of Lung Obstruction in Relation to PM10 Concentration as assessed by Pulmonary Function Tests. <i>Advances in Experimental Medicine and Biology</i> , 2014, 849, 83-91.	1.6	4
50	Disability-Adjusted Life Years in the Assessment of Health Effects of Traffic-Related Air Pollution. <i>Advances in Experimental Medicine and Biology</i> , 2014, 834, 15-20.	1.6	13
51	Data Mining System for Air Quality Monitoring Networks. <i>Archives of Environmental Protection</i> , 2013, 39, 123-147.	1.1	7
52	Exposure to Traffic-Related Air Pollutants as a Risk of Airway Obstruction. <i>Advances in Experimental Medicine and Biology</i> , 2013, 755, 35-45.	1.6	15
53	Spirometry Day: A Means to Enhance Social Knowledge on Respiratory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2013, 788, 213-219.	1.6	3
54	Influence of Traffic-Related Air Pollutants on Lung Function. <i>Advances in Experimental Medicine and Biology</i> , 2013, 788, 229-235.	1.6	14

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55	The influence of traffic-related air pollution on the ventilation efficiency of persons living in the proximity of main roads. , 2010, , 15-23.		0