

Artur J Badyda

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

525
citations

687220

13
h-index

713332

21
g-index

56
all docs

56
docs citations

56
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient PM _{2.5} 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.	0.8	75
2	The Impact of Selected Parameters on Visibility: First Results from a Long-Term Campaign in Warsaw, Poland. <i>Atmosphere</i> , 2015, 6, 1154-1174.	1.0	34
3	Pulmonary Function and Incidence of Selected Respiratory Diseases Depending on the Exposure to Ambient PM ₁₀ . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1954.	1.8	34
4	Air Pollution Increases the Incidence of Upper Respiratory Tract Symptoms among Polish Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 2150.	1.0	28
5	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.	0.8	27
6	Risk of bronchi obstruction among non-smokers – Review of environmental factors affecting bronchoconstriction. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 39-46.	0.7	26
7	Experimental investigation and comparison of energy consumption of electric and conventional vehicles due to the driving pattern. <i>International Journal of Green Energy</i> , 2018, 15, 773-779.	2.1	22
8	Air Pollutants – Concentrations Are Associated with Increased Number of RSV Hospitalizations in Polish Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 3224.	1.0	18
9	Investigation of Low-Cost and Optical Particulate Matter Sensors for Ambient Monitoring. <i>Atmosphere</i> , 2020, 11, 1040.	1.0	16
10	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.	1.6	16
11	Exposure to Traffic-Related Air Pollutants as a Risk of Airway Obstruction. <i>Advances in Experimental Medicine and Biology</i> , 2013, 755, 35-45.	0.8	15
12	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.	0.8	14
13	Inhalation Exposure to PM-Bound Polycyclic Aromatic Hydrocarbons Released from Barbecue Grills Powered by Gas, Lump Charcoal, and Charcoal Briquettes. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1023, 11-27.	0.8	14
14	Influence of Traffic-Related Air Pollutants on Lung Function. <i>Advances in Experimental Medicine and Biology</i> , 2013, 788, 229-235.	0.8	14
15	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.	0.8	13
16	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.	1.6	13
17	Traffic-Related Air Pollution and Respiratory Tract Efficiency. <i>Advances in Experimental Medicine and Biology</i> , 2014, 834, 31-38.	0.8	12
18	Impact of Air Pollution on Lung Function among Preadolescent Children in Two Cities in Poland. <i>Journal of Clinical Medicine</i> , 2021, 10, 2375.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Air quality health indices - review. MATEC Web of Conferences, 2018, 247, 00002.	0.1	10
20	Children exposure to PM2.5 in kindergarten classrooms equipped with air purifiers - a pilot study. MATEC Web of Conferences, 2018, 247, 00016.	0.1	9
21	Are BBQs Significantly Polluting Air in Poland? A Simple Comparison of Barbecues vs. Domestic Stoves and Boilers Emissions. Energies, 2020, 13, 6245.	1.6	9
22	Air Pollution Observations in Selected Locations in Poland during the Lockdown Related to COVID-19. Atmosphere, 2021, 12, 806.	1.0	9
23	Properties of Particulate Matter in the Air of the Wieliczka Salt Mine and Related Health Benefits for Tourists. International Journal of Environmental Research and Public Health, 2022, 19, 826.	1.2	9
24	Assessment of Air Pollution Effects on the Respiratory System Based on Pulmonary Function Tests Performed During Spirometry Days. Advances in Experimental Medicine and Biology, 2015, 873, 43-52.	0.8	8
25	Data Mining System for Air Quality Monitoring Networks. Archives of Environmental Protection, 2013, 39, 123-147.	1.1	7
26	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.	0.2	6
27	Improving the Quality of Measurements Made by Alphasense NO2 Non-Reference Sensors Using the Mathematical Methods. Sensors, 2022, 22, 3619.	2.1	6
28	Ambient Air Pollution and Risk of Admission Due to Asthma in the Three Largest Urban Agglomerations in Poland: A Time-Stratified, Case-Crossover Study. International Journal of Environmental Research and Public Health, 2022, 19, 5988.	1.2	6
29	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.	0.2	5
30	Influence of Selected Air Pollutants on Mortality and Pneumonia Burden in Three Polish Cities over the Years 2011–2018. Journal of Clinical Medicine, 2022, 11, 3084.	1.0	5
31	Relative Risk of Lung Obstruction in Relation to PM10 Concentration as assessed by Pulmonary Function Tests. Advances in Experimental Medicine and Biology, 2014, 849, 83-91.	0.8	4
32	Financing Costs and Health Effects of Air Pollution in the Tri-City Agglomeration. Frontiers in Public Health, 2022, 10, 831312.	1.3	4
33	Socioeconomic Effects of Chronic Obstructive Pulmonary Disease from the Public Payer's Perspective in Poland. Advances in Experimental Medicine and Biology, 2015, 885, 53-66.	0.8	3
34	Spirometry Day: A Means to Enhance Social Knowledge on Respiratory Diseases. Advances in Experimental Medicine and Biology, 2013, 788, 213-219.	0.8	3
35	Respiratory diseases admissions due to the smog episode in Warsaw in January 2017. , 2018, , .		3
36	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.	0.5	3

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37	Indoor Exposure to Volatile Organic Compounds in Children: Health Risk Assessment in the Context of Physiological Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1021, 43-53.	0.8	2
38	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
39	Cement Mortars with Addition of Fly Ash from Thermal Transformation of Sewage Sludge and Zeolite. <i>Energies</i> , 2022, 15, 1399.	1.6	2
40	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.	0.1	1
41	Business insurances as an element of sustainable development of small and medium enterprises in Poland. <i>SHS Web of Conferences</i> , 2018, 57, 01024.	0.1	1
42	Health-Based Approach to Determine Alert and Information Thresholds for Particulate Matter Air Pollution. <i>Sustainability</i> , 2021, 13, 1345.	1.6	1
43	Cardiopulmonary diseases and lung cancer mortality due to PM2.5 exposure in 11 Polish Agglomerations in 2006-2015. , 2018, , .		1
44	Providing high-quality measurement data in analytical system of air pollution monitoring and their key importance for smart cities residents. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2017, 49, 241-253.	0.2	1
45	Current trends in network based air quality monitoring systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 214, 012085.	0.2	0
46	The influence of traffic-related air pollution on the ventilation efficiency of persons living in the proximity of main roads. , 2010, , 15-23.		0
47	Respiratory efficiency and incidence of selected pulmonary diseases depending on exposure to ambient particulate matter (PM10). , 2015, , .		0
48	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
49	Polish and World spirometry days â€œ Three years of research experience on causes and consequences of obstructive diseases in Poland. , 2016, , .		0
50	Influence of fine particulate matter from household emissions on selected respiratory and cardiovascular diseases â€œ Initial results. , 2016, , .		0
51	Coal and wood burning products as a risk factor of respiratory and cardiovascular diseases â€œ preliminary results of household PM2.5 emissions on health risk. , 2017, , .		0
52	Smog episode in Poland in January 2017 as a risk factor of increased hospital admissions due to respiratory and cardiovascular exacerbations. , 2017, , .		0
53	Fine particulate matter (PM2.5) influence on respiratory tract function and systemic inflammation parameters in healthy adults. , 2019, , .		0
54	Exposure to PM2.5 and PM2.5-bound PAHs and its influence on respiratory tract function and cytokines concentrations changes in healthy adults. , 2020, , .		0

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55	Upper respiratory symptoms in children (3-12 years old) exposed on different levels of ambient particulate matter. , 2020, , .		0