

# Wioletta Rogula-Kozłowska

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

1,870  
citations

279487  
23  
h-index

301761  
39  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor air quality in sports center: Assessment of gaseous pollutants. <i>Building and Environment</i> , 2022, 208, 108589.	3.0	21
2	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.	1.2	9
3	OCENA TOKSYCZNOŚCI WYMYWANEGO MIEJSKIEGO PYŁU DROGOWEGO Z WYKORZYSTANIEM TESTU MICROTOX – BADANIE PORÓWNAWCZE DLA DOLNEGO I GÓRNEGO ŚŁĄSKA. <i>Zeszyty Naukowe SGSP</i> , 2022, 81, 63-76.	0.8	1
4	Characteristics of Particles Emitted from Waste Fires – A Construction Materials Case Study. <i>Materials</i> , 2022, 15, 152.	1.3	2
5	Comparative Study of PM10 Concentrations and Their Elemental Composition Using Two Different Techniques during Winter – Spring Field Observation in Polish Village. <i>Energies</i> , 2022, 15, 4769.	1.6	2
6	Ammonia Dispersion in the Closed Space of an Ammonia Engine Room with Forced Ventilation in an Industrial Plant. <i>Atmosphere</i> , 2022, 13, 1062.	1.0	3
7	New insights into submicron particles impact on visibility. <i>Environmental Science and Pollution Research</i> , 2022, 29, 87969-87981.	2.7	1
8	Predicting the Number of Days With Visibility in a Specific Range in Warsaw (Poland) Based on Meteorological and Air Quality Data. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	9
9	Contribution of landfill fires to air pollution – An assessment methodology. <i>Waste Management</i> , 2021, 125, 182-191.	3.7	30
10	Impact of Municipal, Road Traffic, and Natural Sources on PM10: The Hourly Variability at a Rural Site in Poland. <i>Energies</i> , 2021, 14, 2654.	1.6	5
11	Site environment type – The main factor of urban road dust toxicity?. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112290.	2.9	6
12	Air Pollution Research Based on Spider Web and Parallel Continuous Particulate Monitoring – A Comparison Study Coupled with Identification of Sources. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 812.	0.8	10
13	The critical factors of landfill fire impact on air quality. <i>Environmental Research Letters</i> , 2021, 16, 104026.	2.2	6
14	Przykłady wykorzystania testu OSTRACODTOXKIT F&#228; do oceny zanieczyszczenia pył&#223;w drogowych metalami w aglomeracji wroc&#228;awskiej. <i>Scientific Review Engineering and Environmental Sciences</i> , 2021, 29, 27-36.	0.2	2
15	Relationship between Visibility, Air Pollution Index and Annual Mortality Rate in Association with the Occurrence of Rainfall – A Probabilistic Approach. <i>Energies</i> , 2021, 14, 8397.	1.6	2
16	Respirable particles and polycyclic aromatic hydrocarbons at two Polish fire stations. <i>Building and Environment</i> , 2020, 184, 107255.	3.0	15
17	Magnetic Susceptibility of Spider Webs and Dust: Preliminary Study in Wroc&#228;aw, Poland. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1018.	0.8	5
18	Geochemical and Mineralogical Characteristics of Airborne Particulate Matter in Relation to Human Health Risk. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 866.	0.8	6

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19	Strongly and Loosely Bound Water in Ambient Particulate Matter – Qualitative and Quantitative Determination by Karl Fischer Coulometric Method. Sustainability, 2020, 12, 6196.	1.6	4
20	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
21	Tropospheric ozone assessment in urban environment – Warsaw case study of selected heat waves. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 209, 105418.	0.6	4
22	Health exposure of users of indoor sports centers related to the physico-chemical properties of particulate matter. Building and Environment, 2020, 180, 106935.	3.0	13
23	BTEXS Concentrations and Exposure Assessment in a Fire Station. Atmosphere, 2020, 11, 470.	1.0	5
24	Soluble Inorganic Arsenic Species in Atmospheric Submicron Particles in Two Polish Urban Background Sites. Sustainability, 2020, 12, 837.	1.6	1
25	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. Sustainability, 2020, 12, 42.	1.6	16
26	Selected Metals in Urban Road Dust: Upper and Lower Silesia Case Study. Atmosphere, 2020, 11, 290.	1.0	14
27	Speciation of arsenic: a case study of PM1 in Zabrze. SN Applied Sciences, 2019, 1, 1.	1.5	4
28	Mutagenicity of indoor air pollutants adsorbed on spider webs. Ecotoxicology and Environmental Safety, 2019, 171, 549-557.	2.9	15
29	Size-Segregated Particulate Matter in a Selected Sports Facility in Poland. Sustainability, 2019, 11, 6911.	1.6	11
30	Analysis of Particulate Matter Concentration Variability and Origin in Selected Urban Areas in Poland. Sustainability, 2019, 11, 5735.	1.6	23
31	The concentration of Cu and Pb in the funnel spider <i>Eratigena atrica</i> (C. L. Koch 1843) (Araneae: Tj ETQq1 1 0.784314 rgBT <sub>6</sub> /Overlo	0.6	6
32	Seasonal variations of PM1-bound water concentration in urban areas in Poland. Atmospheric Pollution Research, 2019, 10, 267-273.	1.8	13
33	Air pollution of beauty salons by cosmetics from the analysis of suspended particulate matter. Environmental Chemistry Letters, 2019, 17, 551-558.	8.3	24
34	Monitoring of indoor polycyclic aromatic hydrocarbons using spider webs. Chemosphere, 2019, 218, 758-766.	4.2	14
35	Knowledge Gaps and Recommendations for Future Research of Indoor Particulate Matter in Poland. Polish Journal of Environmental Studies, 2019, 28, 3043-3062.	0.6	4
36	Silica Dust as an Additive in Concrete with Proven Impact on Human Health. Polish Journal of Environmental Studies, 2019, 28, 4057-4071.	0.6	3

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37	A preliminary study of the concentrations and mass size distributions of particulate matter in indoor sports facilities before and during athlete training. Environmental Protection Engineering, 2019, 45, .	0.1	4
38	Research on chromium and arsenic speciation in atmospheric particulate matter: short review. E3S Web of Conferences, 2018, 28, 01026.	0.2	7
39	Magnetic susceptibility of spider webs as a proxy of airborne metal pollution. Environmental Pollution, 2018, 234, 543-551.	3.7	19
40	Submicron particle-bound polycyclic aromatic hydrocarbons in the Polish teaching rooms: Concentrations, origin and health hazard. Journal of Environmental Sciences, 2018, 64, 235-244.	3.2	23
41	Urban environment as a factor modulating metals deposition in the respiratory track and associated cancer risk. Atmospheric Pollution Research, 2018, 9, 399-410.	1.8	9
42	Seasonal variation in health exposure to PM-bound Polycyclic Aromatic Hydrocarbons in selected sport facility. MATEC Web of Conferences, 2018, 247, 00047.	0.1	2
43	The application of stand-off infrared detection to identify air pollutants. E3S Web of Conferences, 2018, 44, 00104.	0.2	14
44	Inhalation exposure to particulate matter in a work environment of firefighters. MATEC Web of Conferences, 2018, 247, 00039.	0.1	1
45	Short review on PM-bound water. Its presence in the atmosphere, forms of occurrence and determination by Karl Fischer coulometric titration. E3S Web of Conferences, 2018, 44, 00187.	0.2	1
46	Polycyclic aromatic hydrocarbons in the firefighter workplace: The results from the first in Poland short-term measuring campaign. E3S Web of Conferences, 2018, 45, 00075.	0.2	5
47	Traffic-generated changes in the elemental profile of urban coarse dust at a highway and crossroads. E3S Web of Conferences, 2018, 45, 00074.	0.2	1
48	Spider webs in monitoring of air pollution. SHS Web of Conferences, 2018, 57, 02011.	0.1	5
49	Factors determining the concentration and chemical composition of particulate matter in the air of selected service facilities. E3S Web of Conferences, 2018, 28, 01032.	0.2	2
50	Particulate matter and polycyclic aromatic hydrocarbons in a selected athletic hall: ambient concentrations, origin and effects on human health. E3S Web of Conferences, 2018, 28, 01020.	0.2	5
51	Particulate Matter from the Road Surface Abrasion as a Problem of Non-Exhaust Emission Control. Environments - MDPI, 2018, 5, 9.	1.5	64
52	PM Origin or Exposure Duration? Health Hazards from PM-Bound Mercury and PM-Bound PAHs among Students and Lecturers. International Journal of Environmental Research and Public Health, 2018, 15, 316.	1.2	9
53	Health Risk Impacts of Exposure to Airborne Metals and Benzo(a)Pyrene during Episodes of High PM10 Concentrations in Poland. Biomedical and Environmental Sciences, 2018, 31, 23-36.	0.2	22
54	Concentration, Chemical Composition and Origin of PM1: Results from the First Long-term Measurement Campaign in Warsaw (Poland). Aerosol and Air Quality Research, 2018, 18, 636-654.	0.9	44

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55	Implications of the aerosol size distribution modal structure of trace and major elements on human exposure, inhaled dose and relevance to the PM <sub>2.5</sub> and PM <sub>10</sub> metrics in a European pollution hotspot urban area. <i>Journal of Aerosol Science</i> , 2017, 103, 38-52.	1.8	67
56	Ionic Composition of Fine Particulate Matter from Urban and Regional Background Sites in Poland. <i>Environmental Engineering Science</i> , 2017, 34, 236-250.	0.8	4
57	A simple method for determination of total water in PM <sub>1</sub> on quartz fiber filters. <i>Microchemical Journal</i> , 2017, 132, 327-332.	2.3	8
58	Polycyclic aromatic hydrocarbons bound to outdoor and indoor airborne particles (PM <sub>2.5</sub> ) and their mutagenicity and carcinogenicity in Silesian kindergartens, Poland. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 389-400.	1.5	83
59	Lung Cancer Risk Associated with Exposure to Benzo(A)Pyrene in Polish Agglomerations, Cities, and Other Areas. <i>International Journal of Environmental Research</i> , 2017, 11, 685-693.	1.1	20
60	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
61	PM <sub>1</sub> and PM <sub>1</sub> -Bound Metals During Dry and Wet Periods: Ambient Concentration and Health Effects. <i>Environmental Engineering Science</i> , 2017, 34, 312-320.	0.8	6
62	Co-occurrence of PM <sub>2.5</sub> -bound mercury and carbon in rural areas affected by coal combustion. <i>Atmospheric Pollution Research</i> , 2017, 8, 127-135.	1.8	12
63	Indoor air quality in urban and rural kindergartens: short-term studies in Silesia, Poland. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 1207-1220.	1.5	56
64	Organic and elemental carbon bound to particulate matter in the air of printing office and beauty salon. <i>E3S Web of Conferences</i> , 2017, 22, 00147.	0.2	2
65	Exposure of urban agglomeration population to the selected components of PM <sub>1</sub> emitted from low emission sources. <i>E3S Web of Conferences</i> , 2017, 17, 00071.	0.2	2
66	Analysis of the data set from a two-year observation of the ambient water-soluble ions bound to four particulate matter fractions in an urban background site in Southern Poland. <i>Environmental Protection Engineering</i> , 2017, 43, .	0.1	6
67	Badania nad występowaniem węgla w powietrzu wewnątrz wybranych uczelni w Polsce. <i>Scientific Review Engineering and Environmental Sciences</i> , 2017, 26, 108-124.	0.2	0
68	Chemical Compositions of PM <sub>2.5</sub> at Two Non-Urban Sites from the Polluted Region in Europe. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2333-2348.	0.9	17
69	Origin-Oriented Elemental Profile of Fine Ambient Particulate Matter in Central European Suburban Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 715.	1.2	21
70	Submicron Particle-Bound Mercury in University Teaching Rooms: A Summer Study from Two Polish Cities. <i>Atmosphere</i> , 2016, 7, 117.	1.0	15
71	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
72	Cancer risk from arsenic and chromium species bound to PM <sub>2.5</sub> and PM <sub>1</sub> – Polish case study. <i>Atmospheric Pollution Research</i> , 2016, 7, 884-894.	1.8	36

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73	The elemental composition and origin of fine ambient particles in the largest Polish conurbation: first results from the short-term winter campaign. <i>Theoretical and Applied Climatology</i> , 2016, 125, 79-92.	1.3	37
74	Size-segregated urban particulate matter: mass closure, chemical composition, and primary and secondary matter content. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 533-550.	1.5	68
75	Determination of mercury in size-segregated ambient particulate matter using CVAAS. <i>Microchemical Journal</i> , 2016, 124, 76-81.	2.3	22
76	Particulate matter in indoor spaces: known facts and the knowledge gaps. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2015, 47, 43-54.	0.2	2
77	Seasonal Variations in Health Hazards from Polycyclic Aromatic Hydrocarbons Bound to Submicrometer Particles at Three Characteristic Sites in the Heavily Polluted Polish Region. <i>Atmosphere</i> , 2015, 6, 1-20.	1.0	25
78	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
79	Optical Properties of Fine Particulate Matter in Upper Silesia, Poland. <i>Atmosphere</i> , 2015, 6, 1521-1538.	1.0	5
80	Metals distribution on the surface of quartz fiber filters used for particulate matter collection. <i>Archives of Environmental Protection</i> , 2015, 41, 3-10.	1.1	1
81	The size distribution and origin of elements bound to ambient particles: a case study of a Polish urban area. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 240.	1.3	57
82	Chemical composition and mass closure of ambient particulate matter at a crossroads and a highway in Katowice, Poland. <i>Environmental Protection Engineering</i> , 2015, 41, .	0.1	9
83	Traffic-Generated Changes in the Chemical Characteristics of Size-Segregated Urban Aerosols. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 493-502.	1.3	29
84	Spatial and seasonal variability of the mass concentration and chemical composition of PM <sub>2.5</sub> in Poland. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 41-58.	1.5	141
85	Concentration, Origin and Health Hazard from Fine Particle-Bound PAH at Three Characteristic Sites in Southern Poland. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 349-355.	1.3	65
86	Submicrometer Aerosol in Rural and Urban Backgrounds in Southern Poland: Primary and Secondary Components of PM <sub>1</sub> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 103-109.	1.3	35
87	PM <sub>2.5</sub> in the central part of Upper Silesia, Poland: concentrations, elemental composition, and mobility of components. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 581-601.	1.3	62
88	Traffic emission effects on ambient air pollution by PM <sub>2.5</sub> -related PAH in Upper Silesia, Poland. <i>International Journal of Environment and Pollution</i> , 2013, 53, 245.	0.2	11
89	Hazardous Compounds in Urban Pm in the Central Part of Upper Silesia (Poland) in Winter. <i>Archives of Environmental Protection</i> , 2013, 39, 53-65.	1.1	55
90	Number Size Distribution of Ambient Particles in a Typical Urban Site: The First Polish Assessment Based on Long-Term (9 Months) Measurements. <i>Scientific World Journal, The</i> , 2013, 2013, 1-13.	0.8	19

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91	Effects of road traffic on the ambient concentrations of three PM fractions and their main components in a large Upper Silesian city. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2013, 45, 243-253.	0.2	5
92	Size-Resolved Water-Soluble Ionic Composition of Ambient Particles in an Urban Area in Southern Poland. <i>Journal of Environmental Protection</i> , 2013, 04, 371-379.	0.3	13
93	A Study on the Seasonal Mass Closure of Ambient Fine and Coarse Dusts in Zabrze, Poland. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 722-729.	1.3	69
94	Mass Size Distribution and Chemical Composition of the Surface Layer of Summer and Winter Airborne Particles in Zabrze, Poland. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 255-259.	1.3	52
95	Characterization of PM <sub>10</sub> and PM <sub>2.5</sub> and associated heavy metals at the crossroads and urban background site in Zabrze, Upper Silesia, Poland, during the smog episodes. <i>Environmental Monitoring and Assessment</i> , 2010, 168, 613-627.	1.3	111
96	PAH Concentrations Inside a Wood Processing Plant and the Indoor Effects of Outdoor Industrial Emissions. <i>Polish Journal of Environmental Studies</i> , 0, 24, 1867-1873.	0.6	5