

Wioletta Rogula-Kozłowska

List of Publications by Citations

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88

papers

1,353

citations

19

h-index

33

g-index

96

ext. papers

1,602

ext. citations

3.2

avg, IF

5.24

L-index

#	Paper	IF	Citations
88	Spatial and seasonal variability of the mass concentration and chemical composition of PM in Poland. <i>Air Quality, Atmosphere and Health</i> , 2014 , 7, 41-58	5.6	126
87	Characterization of PM ₁₀ and PM _{2.5} 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, 613-27	3.1	85
86	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, 722-9	2.7	57
85	PM _{2.5} 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	3.1	56
84	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	5.6	54
83	Implications of the aerosol size distribution modal structure of trace and major elements on human exposure, inhaled dose and relevance to the PM _{2.5} and PM ₁₀ metrics in a European pollution hotspot urban area. <i>Journal of Aerosol Science</i> , 2017 , 103, 38-52	4.3	51
82	Polycyclic aromatic hydrocarbons bound to outdoor and indoor airborne particles (PM _{2.5}) and their mutagenicity and carcinogenicity in Silesian kindergartens, Poland. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 389-400	5.6	49
81	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, 349-55	2.7	49
80	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	3.1	46
79	Particulate Matter from the Road Surface Abrasion as a Problem of Non-Exhaust Emission Control. <i>Environments - MDPI</i> , 2018 , 5, 9	3.2	45
78	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		44
77	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, 255-9	2.7	42
76	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	5.6	39
75	Concentration, Chemical Composition and Origin of PM ₁ : Results from the First Long-term Measurement Campaign in Warsaw (Poland). <i>Aerosol and Air Quality Research</i> , 2018 , 18, 636-654	4.6	35
74	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 ³		32
73	Cancer risk from arsenic and chromium species bound to PM _{2.5} and PM ₁ [Polish case study. <i>Atmospheric Pollution Research</i> , 2016 , 7, 884-894	4.5	32
72	Submicrometer aerosol in rural and urban backgrounds in southern Poland: primary and secondary components of PM ₁ . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 103-9	2.7	31

71	The Impact of Selected Parameters on Visibility: First Results from a Long-Term Campaign in Warsaw, Poland. <i>Atmosphere</i> , 2015 , 6, 1154-1174	2.7	27
70	Traffic-generated changes in the chemical characteristics of size-segregated urban aerosols. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014 , 93, 493-502	2.7	21
69	Submicron particle-bound polycyclic aromatic hydrocarbons in the Polish teaching rooms: Concentrations, origin and health hazard. <i>Journal of Environmental Sciences</i> , 2018 , 64, 235-244	6.4	19
68	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	2.7	19
67	Determination of mercury in size-segregated ambient particulate matter using CVAAS. <i>Microchemical Journal</i> , 2016 , 124, 76-81	4.8	18
66	Health Risk Impacts of Exposure to Airborne Metals and Benzo(a)Pyrene during Episodes of High PM10 Concentrations in Poland. <i>Biomedical and Environmental Sciences</i> , 2018 , 31, 23-36	1.1	17
65	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,	4.6	17
64	Analysis of Particulate Matter Concentration Variability and Origin in Selected Urban Areas in Poland. <i>Sustainability</i> , 2019 , 11, 5735	3.6	16
63	Air pollution of beauty salons by cosmetics from the analysis of suspended particulate matter. <i>Environmental Chemistry Letters</i> , 2019 , 17, 551-558	13.3	15
62	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, 539568	2.2	14
61	Chemical Compositions of PM2.5 at Two Non-Urban Sites from the Polluted Region in Europe. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 2333-2348	4.6	14
60	The application of stand-off infrared detection to identify air pollutants. <i>E3S Web of Conferences</i> , 2018 , 44, 00104	0.5	13
59	Magnetic susceptibility of spider webs as a proxy of airborne metal pollution. <i>Environmental Pollution</i> , 2018 , 234, 543-551	9.3	12
58	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	2.9	12
57	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	0.6	12
56	Submicron Particle-Bound Mercury in University Teaching Rooms: A Summer Study from Two Polish Cities. <i>Atmosphere</i> , 2016 , 7, 117	2.7	12
55	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	3.6	11
54	Co-occurrence of PM2.5-bound mercury and carbon in rural areas affected by coal combustion. <i>Atmospheric Pollution Research</i> , 2017 , 8, 127-135	4.5	11

53	Contribution of landfill fires to air pollution - An assessment methodology. <i>Waste Management</i> , 2021 , 125, 182-191	8.6	10
52	Seasonal variations of PM1-bound water concentration in urban areas in Poland. <i>Atmospheric Pollution Research</i> , 2019 , 10, 267-273	4.5	10
51	A simple method for determination of total water in PM 1 on quartz fiber filters. <i>Microchemical Journal</i> , 2017 , 132, 327-332	4.8	8
50	Mutagenicity of indoor air pollutants adsorbed on spider webs. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 171, 549-557	7	8
49	PM Origin or Exposure Duration? Health Hazards from PM-Bound Mercury and PM-Bound PAHs among Students and Lecturers. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
48	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> , 2018 , 1023, 11-27	3.6	8
47	Traffic emission effects on ambient air pollution by PM2.5-related PAH in Upper Silesia, Poland. <i>International Journal of Environment and Pollution</i> , 2013 , 53, 245	0.7	8
46	Monitoring of indoor polycyclic aromatic hydrocarbons using spider webs. <i>Chemosphere</i> , 2019 , 218, 758-766	4.6	8
45	Health exposure of users of indoor sports centers related to the physico-chemical properties of particulate matter. <i>Building and Environment</i> , 2020 , 180, 106935	6.5	7
44	Urban environment as a factor modulating metals deposition in the respiratory track and associated cancer risk. <i>Atmospheric Pollution Research</i> , 2018 , 9, 399-410	4.5	7
43	Selected Metals in Urban Road Dust: Upper and Lower Silesia Case Study. <i>Atmosphere</i> , 2020 , 11, 290	2.7	6
42	PM1 and PM1-Bound Metals During Dry and Wet Periods: Ambient Concentration and Health Effects. <i>Environmental Engineering Science</i> , 2017 , 34, 312-320	2	6
41	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,	1.6	6
40	PAH Concentrations Inside a Wood Processing Plant and the Indoor Effects of Outdoor Industrial Emissions. <i>Polish Journal of Environmental Studies</i> , 2018 , 24, 1867-1873	2.3	5
39	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,	4.8	5
38	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> , 2017 , 955, 9-18	3.6	5
37	Size-Segregated Particulate Matter in a Selected Sports Facility in Poland. <i>Sustainability</i> , 2019 , 11, 6911	3.6	5
36	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	4

35	Research on chromium and arsenic speciation in atmospheric particulate matter: short review. <i>E3S Web of Conferences</i> , 2018 , 28, 01026	0.5	4
34	Optical Properties of Fine Particulate Matter in Upper Silesia, Poland. <i>Atmosphere</i> , 2015 , 6, 1521-1538	2.7	4
33	Knowledge Gaps and Recommendations for Future Research of Indoor Particulate Matter in Poland. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 3043-3062	2.3	4
32	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		4
31	The concentration of Cu and Pb in the funnel spider <i>Eratigena atrica</i> (C. L. Koch 1843) (Araneae: Agelenidae) and its web. <i>Chemistry and Ecology</i> , 2019 , 35, 179-190	2.3	4
30	Particulate matter and polycyclic aromatic hydrocarbons in a selected athletic hall: ambient concentrations, origin and effects on human health. <i>E3S Web of Conferences</i> , 2018 , 28, 01020	0.5	4
29	Ionic Composition of Fine Particulate Matter from Urban and Regional Background Sites in Poland. <i>Environmental Engineering Science</i> , 2017 , 34, 236-250	2	3
28	Geochemical and Mineralogical Characteristics of Airborne Particulate Matter in Relation to Human Health Risk. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 866	2.4	3
27	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	3.1	3
26	Polycyclic aromatic hydrocarbons in the firefighter workplace: The results from the first in Poland short-term measuring campaign. <i>E3S Web of Conferences</i> , 2018 , 45, 00075	0.5	3
25	Spider webs in monitoring of air pollution. <i>SHS Web of Conferences</i> , 2018 , 57, 02011	0.3	3
24	Air Pollution Research Based on Spider Web and Parallel Continuous Particulate Monitoring – Comparison Study Coupled with Identification of Sources. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 812	2.4	3
23	The critical factors of landfill fire impact on air quality. <i>Environmental Research Letters</i> , 2021 , 16, 1040266.2		3
22	Speciation of arsenic: a case study of PM1 in Zabrze. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	2
21	Exposure of urban agglomeration population to the selected components of PM1 emitted from low emission sources. <i>E3S Web of Conferences</i> , 2017 , 17, 00071	0.5	2
20	Indoor air quality in sports center: Assessment of gaseous pollutants. <i>Building and Environment</i> , 2021 , 208, 108589	6.5	2
19	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,	1.6	2
18	Respirable particles and polycyclic aromatic hydrocarbons at two Polish fire stations. <i>Building and Environment</i> , 2020 , 184, 107255	6.5	2

17	Magnetic Susceptibility of Spider Webs and Dust: Preliminary Study in Wrocław, Poland. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 1018	2.4	2
16	Strongly and Loosely Bound Water in Ambient Particulate Matter Qualitative and Quantitative Determination by Karl Fischer Coulometric Method. <i>Sustainability</i> , 2020 , 12, 6196	3.6	2
15	Site environment type - The main factor of urban road dust toxicity?. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 218, 112290	7	2
14	Soluble Inorganic Arsenic Species in Atmospheric Submicron Particles in Two Polish Urban Background Sites. <i>Sustainability</i> , 2020 , 12, 837	3.6	1
13	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	0.5	1
12	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		1
11	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
10	Seasonal variation in health exposure to PM-bound Polycyclic Aromatic Hydrocarbons in selected sport facility. <i>MATEC Web of Conferences</i> , 2018 , 247, 00047	0.3	1
9	Short review on PM-bound water. Its presence in the atmosphere, forms of occurrence and determination by Karl Fischer coulometric titration. <i>E3S Web of Conferences</i> , 2018 , 44, 00187	0.5	1
8	Traffic-generated changes in the elemental profile of urban coarse dust at a highway and crossroads. <i>E3S Web of Conferences</i> , 2018 , 45, 00074	0.5	1
7	Factors determining the concentration and chemical composition of particulate matter in the air of selected service facilities. <i>E3S Web of Conferences</i> , 2018 , 28, 01032	0.5	1
6	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	3.1	1
5	Tropospheric ozone assessment in urban environment Warsaw case study of selected heat waves. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020 , 209, 105418	2	0
4	BTEXS Concentrations and Exposure Assessment in a Fire Station. <i>Atmosphere</i> , 2020 , 11, 470	2.7	0
3	Inhalation exposure to particulate matter in a work environment of firefighters. <i>MATEC Web of Conferences</i> , 2018 , 247, 00039	0.3	0
2	OCENA TOKSYCZNOŚCI WYMYWANEGO MIEJSKIEGO PYŁU DROGOWEGO Z WYKORZYSTANIEM TESTU MICROTOX (BADANIE PORÓWNAWCZE DLA DOLNEGO I GÓRNEGO ŚŁĄKA. <i>Zeszyty Naukowe SGSP</i> , 2022 , 81, 63-76	0.4	0
1	Badania nad występowaniem węgla w powietrzu wewnętrznym wybranych uczelni w Polsce. <i>Scientific Review Engineering and Environmental Sciences</i> , 2017 , 26, 108-124	0.4	