

Katarzyna Styszko

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,060
citations

430442

18
h-index

433756

31
g-index

45
all docs

45
docs citations

45
times ranked

1366
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120. | 1.7 | 154 |
| 2 | Characterization of the coal fly ash for the purpose of improvement of industrial on-line measurement of unburned carbon content. <i>Fuel</i> , 2004, 83, 1847-1853. | 3.4 | 87 |
| 3 | An analysis of the dust deposition on solar photovoltaic modules. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8393-8401. | 2.7 | 73 |
| 4 | The field experiments and model of the natural dust deposition effects on photovoltaic module efficiency. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8402-8417. | 2.7 | 64 |
| 5 | Occurrence of pharmaceutical residues, personal care products, lifestyle chemicals, illicit drugs and metabolites in wastewater and receiving surface waters of Krakow agglomeration in South Poland. <i>Science of the Total Environment</i> , 2021, 768, 144360. | 3.9 | 64 |
| 6 | Quantitative Assessment of PM2.5 Sources and Their Seasonal Variation in Krakow. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 290. | 1.1 | 49 |
| 7 | Seasonal contribution of assessed sources to submicron and fine particulate matter in a Central European urban area. <i>Environmental Pollution</i> , 2018, 241, 406-411. | 3.7 | 47 |
| 8 | Oxidative potential of PM10 and PM2.5 collected at high air pollution site related to chemical composition: Krakow case study. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 1123-1137. | 1.5 | 45 |
| 9 | European aerosol phenomenology â 8: Harmonised source apportionment of organic aerosol using 22 Year-long ACSM/AMS datasets. <i>Environment International</i> , 2022, 166, 107325. | 4.8 | 41 |
| 10 | Preliminary selection of clay minerals for the removal of pharmaceuticals, bisphenol A and triclosan in acidic and neutral aqueous solutions. <i>Comptes Rendus Chimie</i> , 2015, 18, 1134-1142. | 0.2 | 40 |
| 11 | New psychoactive substances in several European populations assessed by wastewater-based epidemiology. <i>Water Research</i> , 2021, 195, 116983. | 5.3 | 40 |
| 12 | Seasonal variations of chemical composition of PM2.5 fraction in the urban area of Krakow, Poland: PMF source attribution. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 89-96. | 1.5 | 24 |
| 13 | Impact of dust and temperature on energy conversion process in photovoltaic module. <i>Thermal Science</i> , 2019, 23, 1199-1210. | 0.5 | 23 |
| 14 | Leaching of biocides from polymer renders under wet/dry cycles â Rates and mechanisms. <i>Chemosphere</i> , 2015, 138, 609-615. | 4.2 | 22 |
| 15 | Characterization of non-refractory (NR) PM₁ and source apportionment of organic aerosol in KrakÃ³w, Poland. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14893-14906. | 1.9 | 21 |
| 16 | Combined method of solid-phase extraction and GC-MS for determination of acidic, neutral, and basic emerging contaminants in wastewater (Poland). <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 961-974. | 1.8 | 20 |
| 17 | Sorption of emerging organic micropollutants onto fine sediments in a water supply dam reservoir, Poland. <i>Journal of Soils and Sediments</i> , 2016, 16, 677-686. | 1.5 | 20 |
| 18 | Desorption of biocides from renders modified with acrylate and silicone. <i>Chemosphere</i> , 2014, 95, 188-192. | 4.2 | 19 |

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|----|---|-----|-----------|
| 19 | Adsorptive removal of pharmaceuticals and personal care products from aqueous solutions by chemically treated fly ash. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 493-506. | 1.8 | 19 |
| 20 | Mercury in atmospheric aerosols: A preliminary case study for the city of Krakow, Poland. <i>Comptes Rendus Chimie</i> , 2015, 18, 1183-1191. | 0.2 | 16 |
| 21 | The Presence of Stimulant Drugs in Wastewater from Krakow (Poland): A Snapshot. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 310-315. | 1.3 | 16 |
| 22 | The catenation and isomerisation effects on stability constants of complexes formed by some diprotic acids. <i>Talanta</i> , 2000, 52, 555-562. | 2.9 | 14 |
| 23 | Off-grid photovoltaic systems as a solution for the ambient pollution avoidance and Iraq's rural areas electrification. <i>E3S Web of Conferences</i> , 2016, 10, 00093. | 0.2 | 12 |
| 24 | Origin, distribution, and perspective health benefits of particulate matter in the air of underground salt mine: a case study from Bochnia, Poland. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3533-3556. | 1.8 | 12 |
| 25 | Environmental risk assessment of priority biocidal substances on Polish surface water sample. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1254-1266. | 2.7 | 11 |
| 26 | Comparison of PM10 Sources at Traffic and Urban Background Sites Based on Elemental, Chemical and Isotopic Composition: Case Study from Krakow, Southern Poland. <i>Atmosphere</i> , 2021, 12, 1364. | 1.0 | 11 |
| 27 | The impact of sewage sludge processing on the safety of its use. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 10 |
| 28 | Seasonal Variability of PM10 Chemical Composition Including 1,3,5-triphenylbenzene, Marker of Plastic Combustion and Toxicity in Wadowice, South Poland. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200223. | 0.9 | 9 |
| 29 | Improved chloride quantification in quadrupole aerosol chemical speciation monitors (Q-ACSMs). <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5293-5301. | 1.2 | 9 |
| 30 | Pollution from Transport: Detection of Tyre Particles in Environmental Samples. <i>Energies</i> , 2022, 15, 2816. | 1.6 | 9 |
| 31 | Carbonaceous species in atmospheric aerosols from the Krakow area (Malopolska District): carbonaceous species dry deposition analysis. <i>E3S Web of Conferences</i> , 2016, 10, 00092. | 0.2 | 8 |
| 32 | Application of Natural Carbon Isotopes for Emission Source Apportionment of Carbonaceous Particulate Matter in Urban Atmosphere: A Case Study from Krakow, Southern Poland. <i>Sustainability</i> , 2020, 12, 5777. | 1.6 | 8 |
| 33 | Complex Characterization of Fine Fraction and Source Contribution to PM2.5 Mass at an Urban Area in Central Europe. <i>Atmosphere</i> , 2020, 11, 1085. | 1.0 | 8 |
| 34 | Determination of diffusion coefficients of biocides on their passage through organic resin-based renders. <i>Chemosphere</i> , 2016, 160, 273-279. | 4.2 | 7 |
| 35 | Synthesis and Characterization of Halloysite/Carbon Nanocomposites for Enhanced NSAIDs Adsorption from Water. <i>Materials</i> , 2019, 12, 3754. | 1.3 | 7 |
| 36 | BPA – an endocrine disrupting compound in water used for drinking purposes, a snapshot from South Poland. <i>Geology Geophysics and Environment</i> , 2020, 46, 5. | 0.1 | 5 |

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|----|---|-----|-----------|
| 37 | The rate of biocide leaching from porous renders. <i>Chemical Engineering Research and Design</i> , 2018, 132, 69-76. | 2.7 | 4 |
| 38 | Polycyclic aromatic hydrocarbons and their nitrated derivatives associated with PM10 from Kraków city during heating season. <i>E3S Web of Conferences</i> , 2016, 10, 00091. | 0.2 | 3 |
| 39 | Sorption of pharmaceuticals residues from water to char (scrap tires) impregnated with amines. <i>E3S Web of Conferences</i> , 2017, 14, 02029. | 0.2 | 3 |
| 40 | An analysis of long term temperature measurement using laser induced fluorescence. <i>Journal of Physics: Conference Series</i> , 2016, 745, 032109. | 0.3 | 2 |
| 41 | Polycyclic aromatic hydrocarbons (PAHs) associated with PM10 collected in Wadowice, South Poland. <i>E3S Web of Conferences</i> , 2019, 108, 02007. | 0.2 | 2 |
| 42 | Chemical characterization of PM10 in two small towns located in South Poland. <i>Nukleonika</i> , 2021, 66, 29-34. | 0.3 | 1 |