

Pavel ÅŒupr

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,150
citations

218677

26
h-index

233421

45
g-index

60
all docs

60
docs citations

60
times ranked

2696
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Toxicity to bronchial cells and endocrine disruptive potentials of indoor air and dust extracts and their association with multiple chemical classes. <i>Journal of Hazardous Materials</i> , 2022, 424, 127306. | 12.4 | 3 |
| 2 | Genotoxic effects of transboundary pollutants in <i>Pinus mugo</i> in the high mountain habitats. <i>Ecological Indicators</i> , 2022, 140, 109009. | 6.3 | 1 |
| 3 | Atmospheric deposition of chlorinated and brominated polycyclic aromatic hydrocarbons in central Europe analyzed by GC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61360-61368. | 5.3 | 3 |
| 4 | Dynamics of PCB exposure in the past 50 years and recent high concentrations in human breast milk: Analysis of influencing factors using a physiologically based pharmacokinetic model. <i>Science of the Total Environment</i> , 2019, 690, 388-399. | 8.0 | 15 |
| 5 | Isomers of photo-unstable compounds should be evaluated as the individual substances due to their potential different exposure effects. <i>Science of the Total Environment</i> , 2019, 657, 902-903. | 8.0 | 2 |
| 6 | Bulk atmospheric deposition of persistent organic pollutants and polycyclic aromatic hydrocarbons in Central Europe. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23429-23441. | 5.3 | 18 |
| 7 | A novel screening method to identify air pollution by genotoxic compounds. <i>Environmental Pollution</i> , 2018, 234, 473-479. | 7.5 | 2 |
| 8 | Which Compounds Contribute Most to Elevated Soil Pollution and the Corresponding Health Risks in Floodplains in the Headwater Areas of the Central European Watershed?. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1146. | 2.6 | 6 |
| 9 | New probabilistic risk assessment of ethylhexyl methoxycinnamate: Comparing the genotoxic effects of <i>trans</i> - and <i>cis</i> -EHMC. <i>Environmental Toxicology</i> , 2017, 32, 569-580. | 4.0 | 15 |
| 10 | Parental heights and maternal education as predictors of length/height of children at birth, age 3 and 19 years, independently on diet: the ELSPAC study. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 1193-1199. | 2.9 | 9 |
| 11 | Different DNA damage response of <i>cis</i> and <i>trans</i> isomers of commonly used UV filter after the exposure on adult human liver stem cells and human lymphoblastoid cells. <i>Science of the Total Environment</i> , 2017, 593-594, 18-26. | 8.0 | 38 |
| 12 | Investigation of <i>cis-trans</i> isomer dependent dermatotoxicokinetics of UV filter ethylhexyl methoxycinnamate through stratum corneum in vivo. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25061-25070. | 5.3 | 9 |
| 13 | Long-term time trends in human intake of POPs in the Czech Republic indicate a need for continuous monitoring. <i>Environment International</i> , 2017, 108, 1-10. | 10.0 | 24 |
| 14 | Towards improved comparability of studies addressing atmospheric concentrations of semivolatile organic compounds based on their sequestration in pine needles. <i>Chemosphere</i> , 2017, 185, 47-55. | 8.2 | 4 |
| 15 | New experimental data on the human dermal absorption of Simazine and Carbendazim help to refine the assessment of human exposure. <i>Chemosphere</i> , 2016, 145, 148-156. | 8.2 | 16 |
| 16 | Pine needles and pollen grains of <i>Pinus mugo</i> Turra – A biomonitoring tool in high mountain habitats identifying environmental contamination. <i>Ecological Indicators</i> , 2016, 66, 132-142. | 6.3 | 37 |
| 17 | Bioavailability and mobility of organic contaminants in soil: new three-step ecotoxicological evaluation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4312-4319. | 5.3 | 16 |
| 18 | Pine Needles for the Screening of Perfluorinated Alkylated Substances (PFASs) along Ski Tracks. <i>Environmental Science & Technology</i> , 2016, 50, 9487-9496. | 10.0 | 21 |

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|----|---|------|-----------|
| 19 | Seasonality and indoor/outdoor relationships of flame retardants and PCBs in residential air. <i>Environmental Pollution</i> , 2016, 218, 392-401. | 7.5 | 34 |
| 20 | Pesticides in the atmosphere: a comparison of gas-particle partitioning and particle size distribution of legacy and current-use pesticides. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1531-1544. | 4.9 | 67 |
| 21 | Current implications of past DDT indoor spraying in Oman. <i>Science of the Total Environment</i> , 2016, 550, 231-240. | 8.0 | 16 |
| 22 | An experimentally refined tool to assess the risks of the human dermal exposure to herbicide chlorotoluron. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10713-10720. | 5.3 | 4 |
| 23 | Composition and effects of inhalable size fractions of atmospheric aerosols in the polluted atmosphere. Part II. In vitro biological potencies. <i>Environment International</i> , 2014, 63, 64-70. | 10.0 | 34 |
| 24 | Composition and effects of inhalable size fractions of atmospheric aerosols in the polluted atmosphere: Part I. PAHs, PCBs and OCPs and the matrix chemical composition. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6188-6204. | 5.3 | 23 |
| 25 | Environment and human exposure to persistent organic pollutants (POPs) in India: A systematic review of recent and historical data. <i>Environment International</i> , 2014, 66, 48-64. | 10.0 | 121 |
| 26 | Particle Size Distribution of Halogenated Flame Retardants and Implications for Atmospheric Deposition and Transport. <i>Environmental Science & Technology</i> , 2014, 48, 14426-14434. | 10.0 | 71 |
| 27 | Evaluation and guidelines for using polyurethane foam (PUF) passive air samplers in double-dome chambers to assess semi-volatile organic compounds (SVOCs) in non-industrial indoor environments. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2617-2626. | 3.5 | 44 |
| 28 | Dispersion modeling of selected PAHs in urban air: A new approach combining dispersion model with GIS and passive air sampling. <i>Atmospheric Environment</i> , 2014, 96, 88-95. | 4.1 | 8 |
| 29 | Size specific distribution of the atmospheric particulate PCDD/Fs, dl-PCBs and PAHs on a seasonal scale: Implications for cancer risks from inhalation. <i>Atmospheric Environment</i> , 2014, 98, 410-416. | 4.1 | 55 |
| 30 | Comparison of approaches towards ecotoxicity evaluation for the application of dredged sediment on soil. <i>Journal of Soils and Sediments</i> , 2013, 13, 906-915. | 3.0 | 11 |
| 31 | Mineralogical, chemical and toxicological characterization of urban air particles. <i>Environment International</i> , 2013, 54, 26-34. | 10.0 | 43 |
| 32 | Levels of persistent organic pollutants and polycyclic aromatic hydrocarbons in ambient air of Central and Eastern Europe. <i>Atmospheric Pollution Research</i> , 2012, 3, 494-505. | 3.8 | 45 |
| 33 | Fifteen years of monitoring of POPs in the breast milk, Czech Republic, 1994â€”2009: trends and factors. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1936-1943. | 5.3 | 26 |
| 34 | Obsolete pesticide storage sites and their POP release into the environmentâ€”an Armenian case study. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1944-1952. | 5.3 | 22 |
| 35 | Chemometric assessment of the semivolatile organic contaminants content in the atmosphere of the selected sites in the Republic of Macedonia. <i>Journal of Chemometrics</i> , 2011, 25, 262-274. | 1.3 | 26 |
| 36 | Distribution pattern of PCBs, HCB and PeCB using passive air and soil sampling in Estonia. <i>Environmental Science and Pollution Research</i> , 2010, 17, 740-749. | 5.3 | 30 |

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|----|---|------|-----------|
| 37 | Soil burdens of persistent organic pollutants â€” Their levels, fate and risks. <i>Science of the Total Environment</i> , 2010, 408, 486-494. | 8.0 | 14 |
| 38 | Seasonally and regionally determined indication potential of bioassays in contaminated river sediments. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 522-534. | 4.3 | 24 |
| 39 | Sources and Distributions of Polycyclic Aromatic Hydrocarbons and Toxicity of Polluted Atmosphere Aerosols. <i>Environmental Science and Engineering</i> , 2010, , 39-62. | 0.2 | 12 |
| 40 | The Effects of Sediments Burdened by Sewerage Water Originating in Car Batteries Production in the Klenice River (CZ). <i>Acta Veterinaria Brno</i> , 2009, 78, 535-548. | 0.5 | 0 |
| 41 | Gasâ€”particle partitioning of persistent organic pollutants in the Western Balkan countries affected by war conflicts. <i>Environmental Science and Pollution Research</i> , 2009, 16, 65-72. | 5.3 | 17 |
| 42 | Soil Burdens of Persistent Organic Pollutants: Their Levels, Fate, and Risks. Part IV. Quantification of Volatilization Fluxes of Organochlorine Pesticides and Polychlorinated Biphenyls from Contaminated Soil Surfaces. <i>Environmental Science & Technology</i> , 2009, 43, 3588-3595. | 10.0 | 52 |
| 43 | Which compounds contribute most to elevated airborne exposure and corresponding health risks in the Western Balkans?. <i>Environment International</i> , 2009, 35, 1066-1071. | 10.0 | 40 |
| 44 | Uptake of polychlorinated biphenyls and organochlorine pesticides from soil and air into radishes (<i>Raphanus sativus</i>). <i>Environmental Pollution</i> , 2009, 157, 488-496. | 7.5 | 90 |
| 45 | Can pine needles indicate trends in the air pollution levels at remote sites?. <i>Environmental Pollution</i> , 2009, 157, 3248-3254. | 7.5 | 65 |
| 46 | Soil burdens of persistent organic pollutants â€” Their levels, fate and risk. Part I. Variation of concentration ranges according to different soil uses and locations. <i>Environmental Pollution</i> , 2009, 157, 3207-3217. | 7.5 | 108 |
| 47 | Monitoring of persistent organic pollutants in Africa. Part 1: Passive air sampling across the continent in 2008. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1952. | 2.1 | 85 |
| 48 | Assessing the Influence of Meteorological Parameters on the Performance of Polyurethane Foam-Based Passive Air Samplers. <i>Environmental Science & Technology</i> , 2008, 42, 550-555. | 10.0 | 175 |
| 49 | An Assessment of Air~Soil Exchange of Polychlorinated Biphenyls and Organochlorine Pesticides Across Central and Southern Europe. <i>Environmental Science & Technology</i> , 2008, 42, 179-185. | 10.0 | 133 |
| 50 | Are the residents of former Yugoslavia still exposed to elevated PCB levels due to the Balkan wars? Part 2: Passive air sampling network. <i>Environment International</i> , 2007, 33, 727-735. | 10.0 | 17 |
| 51 | Evaluation of genotoxic and non-genotoxic effects of organic air pollution using in vitro bioassays. <i>Environment International</i> , 2007, 33, 859-866. | 10.0 | 49 |
| 52 | A combined approach to the evaluation of organic air pollution â€” A case study of urban air in Sarajevo and Tuzla(Bosnia and Herzegovina). <i>Science of the Total Environment</i> , 2007, 384, 182-193. | 8.0 | 36 |
| 53 | Redistribution of organic pollutants in river sediments and alluvial soils related to major floods. <i>Journal of Soils and Sediments</i> , 2007, 7, 167-177. | 3.0 | 100 |
| 54 | Passive air sampler as a tool for long-term air pollution monitoring: Part 2. Air genotoxic potency screening assessment. <i>Environmental Pollution</i> , 2006, 144, 406-413. | 7.5 | 30 |

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|----|--|-----|-----------|
| 55 | GFP assay as a sensitive eukaryotic screening model to detect toxic and genotoxic activity of azaarenes. <i>Environmental Toxicology</i> , 2006, 21, 343-348. | 4.0 | 19 |
| 56 | Web portal for management of bioindication methods and ecotoxicological tests in ecological risk assessment. <i>Ecotoxicology</i> , 2006, 15, 623-627. | 2.4 | 1 |
| 57 | Genotoxic activity of a technical toxaphene mixture and its photodegradation products in SOS genotoxicity tests. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 565, 113-120. | 1.7 | 12 |
| 58 | Assessment of Human Health Risk due to Inhalation Exposure in Cattle and Pig Farms in South Moravia. <i>Acta Veterinaria Brno</i> , 2005, 74, 305-312. | 0.5 | 10 |
| 59 | Photochemical activity of organic compounds in ice induced by sunlight irradiation: The Svalbard project. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 50 |
| 60 | Mobility, bioavailability, and toxic effects of cadmium in soil samples. <i>Environmental Research</i> , 2003, 91, 119-126. | 7.5 | 92 |