

Kiyoung Lee

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,264
citations

394421

19
h-index

414414

32
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81
all docs

81
docs citations

81
times ranked

1769
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Children's exposures to boron and biocides from slime products in Asian regions. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 103-111. | 3.9 | 6 |
| 2 | Identifying low-PM2.5 exposure commuting routes for cyclists through modeling with the random forest algorithm based on low-cost sensor measurements in three Asian cities. <i>Environmental Pollution</i> , 2022, 294, 118597. | 7.5 | 10 |
| 3 | Characteristics of ultrafine particles emitted from 3D printers and effect of partition on children's exposure during 3D printer operation. <i>Indoor Air</i> , 2022, 32, . | 4.3 | 3 |
| 4 | Filtration Efficiencies of Commercial Face Masks in Korea for Biological Aerosols. <i>Korean Journal of Environmental Health Sciences</i> , 2022, 48, 116-122. | 0.3 | 0 |
| 5 | Estimation of multi-route exposures to various chemicals during Children's clay toy use. <i>Environmental Research</i> , 2022, 212, 113500. | 7.5 | 5 |
| 6 | Review of Exposure Assessment Methodology for Future Directions. <i>Korean Journal of Environmental Health Sciences</i> , 2022, 48, 131-137. | 0.3 | 0 |
| 7 | Prediction models using outdoor environmental data for real-time PM10 concentrations in daycare centers, kindergartens, and elementary schools. <i>Building and Environment</i> , 2021, 187, 107371. | 6.9 | 7 |
| 8 | Quantification of Outdoor Tobacco Smoke Exposure at Outdoor Smoking Facilities. <i>Nicotine and Tobacco Research</i> , 2021, 23, 1507-1511. | 2.6 | 1 |
| 9 | Personal PM2.5 exposures of husband and wife by residential characteristics in Ulaanbaatar, Mongolia. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1849-1856. | 3.3 | 4 |
| 10 | A model for population exposure to PM2.5: Identification of determinants for high population exposure in Seoul. <i>Environmental Pollution</i> , 2021, 285, 117406. | 7.5 | 7 |
| 11 | Potentially Toxic Element Levels in Atmospheric Particulates and Health Risk Estimation around Industrial Areas of Maros, Indonesia. <i>Toxics</i> , 2021, 9, 328. | 3.7 | 14 |
| 12 | Consumer exposure and risk assessment to selected chemicals of mold stain remover use in Korea. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 888-897. | 3.9 | 4 |
| 13 | Characteristics of exposure factors and inhalation exposure to selected spray consumer products in Korean population. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 110, 104513. | 2.7 | 4 |
| 14 | Changes in urinary cotinine concentrations in non-smoking adults from the Korean National Environmental Health Survey (KoNEHS) II (2012-2014) after implementation of partial smoke-free regulations. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 224, 113419. | 4.3 | 10 |
| 15 | Aggregate exposure assessment using cosmetic co-use scenarios: I. Establishment of aggregate exposure scenarios. <i>Food and Chemical Toxicology</i> , 2020, 142, 111486. | 3.6 | 4 |
| 16 | Aggregate exposure assessment using cosmetic co-use scenarios: II. Application and validation for phthalates. <i>Food and Chemical Toxicology</i> , 2020, 144, 111583. | 3.6 | 2 |
| 17 | Physicochemical characteristics of colloidal nanomaterial suspensions and aerosolized particulates from nano-enabled consumer spray products. <i>Indoor Air</i> , 2020, 30, 925-941. | 4.3 | 2 |
| 18 | Behavioral characteristics to airborne particles generated from commercial spray products. <i>Environment International</i> , 2020, 140, 105747. | 10.0 | 6 |

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|----|---|------|-----------|
| 19 | Evaluation of Short-Term Exposure Levels on Ammonia and Hydrogen Sulfide During Manure-Handling Processes at Livestock Farms. <i>Safety and Health at Work</i> , 2020, 11, 109-117. | 0.6 | 20 |
| 20 | Mapping urban air quality using mobile sampling with low-cost sensors and machine learning in Seoul, South Korea. <i>Environment International</i> , 2019, 131, 105022. | 10.0 | 117 |
| 21 | Receptor-based aggregate exposure assessment of phthalates based on individual's simultaneous use of multiple cosmetic products. <i>Food and Chemical Toxicology</i> , 2019, 127, 163-172. | 3.6 | 18 |
| 22 | Web-based Korean maximum residue limit evaluation tools: an applied example of maximum residue limit evaluation for trichlorfon in fishery products. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7284-7299. | 5.3 | 11 |
| 23 | Uncertainty estimation of exposure factors for consumer products based on various sample sizes. <i>Food and Chemical Toxicology</i> , 2019, 134, 110874. | 3.6 | 1 |
| 24 | Relationships Between Secondhand Smoke Incursion and Wheeze, Rhinitis, and Eczema Symptoms in Children Living in Homes Without Smokers in Multi-Unit Housing. <i>Nicotine and Tobacco Research</i> , 2019, 21, 424-429. | 2.6 | 8 |
| 25 | Characteristics of Lifestyle and Living Environment of Ger District Residents in Ulaanbaatar, Mongolia. <i>The Korean Journal of Public Health</i> , 2019, 55, 12-21. | 0.2 | 7 |
| 26 | Determinants of Indoor PM2.5 Concentrations in Ger, a Traditional Residence, in Mongolia. <i>The Korean Journal of Public Health</i> , 2019, 55, 22-30. | 0.2 | 2 |
| 27 | Impact of exposure factor selection on deterministic consumer exposure assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 240-244. | 2.7 | 6 |
| 28 | Different relationships between personal exposure and ambient concentration by particle size. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16945-16950. | 5.3 | 13 |
| 29 | Contribution of microenvironments to personal exposures to PM10 and PM2.5 in summer and winter. <i>Atmospheric Environment</i> , 2018, 175, 192-198. | 4.1 | 29 |
| 30 | Characterization of a High PM2.5 Exposure Group in Seoul Using the Korea Simulation Exposure Model for PM2.5 (KoSEM-PM) Based on Time-Activity Patterns and Microenvironmental Measurements. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2808. | 2.6 | 8 |
| 31 | Characteristics of Indoor PM2.5 Concentration in Gers Using Coal Stoves in Ulaanbaatar, Mongolia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2524. | 2.6 | 17 |
| 32 | Hospital-Acquired Pneumonia among Inpatients via the Emergency Department: A Propensity-Score Matched Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1178. | 2.6 | 3 |
| 33 | Emission Characteristics of Particulate Matter, Volatile Organic Compounds, and Trace Elements from the Combustion of Coals in Mongolia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1706. | 2.6 | 14 |
| 34 | Comparison of modeled estimates of inhalation exposure to aerosols during use of consumer spray products. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 941-950. | 4.3 | 15 |
| 35 | Change of Outdoor Tobacco Smoke Exposure Before and After Moving Outdoor Smoking Facility in Dong-Seoul Station. <i>Journal of the Korean Society for Research on Nicotine and Tobacco</i> , 2018, 9, 80-85. | 0.3 | 0 |
| 36 | Application of the GPS technology to assess time-location pattern of undergraduate students at a private medical university in Karachi, Pakistan: A pilot study. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2018, 68, 1094-1096. | 0.2 | 0 |

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|----|--|------|-----------|
| 37 | Comparison of data analysis procedures for real-time nanoparticle sampling data using classical regression and ARIMA models. <i>Journal of Applied Statistics</i> , 2017, 44, 685-699. | 1.3 | 3 |
| 38 | Korean Ministry of Environment's web-based visual consumer product exposure and risk assessment system (COPER). <i>Environmental Science and Pollution Research</i> , 2017, 24, 13142-13148. | 5.3 | 6 |
| 39 | Spatial-Temporal Dispersion of Aerosolized Nanoparticles During the Use of Consumer Spray Products and Estimates of Inhalation Exposure. <i>Environmental Science & Technology</i> , 2017, 51, 7624-7638. | 10.0 | 36 |
| 40 | Phototoxicity and chronic toxicity of methyl paraben and 1,2-hexanediol in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2017, 26, 81-89. | 2.4 | 20 |
| 41 | Exposure factors for cleaning, automotive care, and surface protection products for exposure assessments. <i>Food and Chemical Toxicology</i> , 2017, 99, 128-134. | 3.6 | 10 |
| 42 | Determination of secondhand smoke leakage from the smoking room of an Internet cafe. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 1061-1065. | 1.9 | 5 |
| 43 | Effect of a fuel activation device (FAD) on particulate matter and black carbon emissions from a diesel locomotive engine. <i>Science of the Total Environment</i> , 2017, 575, 97-102. | 8.0 | 9 |
| 44 | Seasonal Differences in Determinants of Time Location Patterns in an Urban Population: A Large Population-Based Study in Korea. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 672. | 2.6 | 12 |
| 45 | Factors associated with secondhand smoke incursion into the homes of non-smoking residents in a multi-unit housing complex: a cross-sectional study in Seoul, Korea. <i>BMC Public Health</i> , 2017, 17, 739. | 2.9 | 14 |
| 46 | Daytime profile of residential PM _{2.5} concentrations in a ger, a traditional residence in Mongolia. <i>The Korean Journal of Public Health</i> , 2017, 54, 23-30. | 0.2 | 5 |
| 47 | Impact of Partial and Comprehensive Smoke-Free Regulations on Indoor Air Quality in Bars. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 754. | 2.6 | 4 |
| 48 | Association between Secondhand Smoke in Hospitality Venues and Urinary 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol Concentrations in Non-Smoking Staff. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1101. | 2.6 | 3 |
| 49 | Characterization of urinary cotinine in non-smoking residents in smoke-free homes in the Korean National Environmental Health Survey (KoNEHS). <i>BMC Public Health</i> , 2016, 16, 538. | 2.9 | 13 |
| 50 | Comparison of Real Time Nanoparticle Monitoring Instruments in the Workplaces. <i>Safety and Health at Work</i> , 2016, 7, 381-388. | 0.6 | 9 |
| 51 | Effects of the biocides on the culturable house dust-borne bacterial compositions and diversities. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1133-1146. | 3.4 | 2 |
| 52 | Compliance of Indoor Smoke-free Regulation in Internet Cafes of Seoul, Korea. <i>Journal of the Korean Society for Research on Nicotine and Tobacco</i> , 2016, 7, 12-18. | 0.3 | 1 |
| 53 | Determination of Similar Exposure Groups Using Weekday Time Activity Patterns of Urban Populations. <i>Korean Journal of Environmental Health Sciences</i> , 2016, 42, 353-364. | 0.3 | 3 |
| 54 | The Relationship Between Indoor and Outdoor Temperature in Two Types Of Residence. <i>Energy Procedia</i> , 2015, 78, 2851-2856. | 1.8 | 28 |

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|----|--|------|-----------|
| 55 | Short-Term Impact of a Comprehensive Smoke-Free Law Following a Partial Smoke-Free Law on PM2.5 Concentration Levels at Hospitality Venues on the Peripheries of College Campuses. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 14034-14042. | 2.6 | 2 |
| 56 | Determining the exposure factors of personal and home care products for exposure assessment. <i>Food and Chemical Toxicology</i> , 2015, 77, 105-110. | 3.6 | 45 |
| 57 | Secondhand smoke exposure is associated with smoke-free laws but not urban/rural status. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 624-627. | 1.9 | 11 |
| 58 | Air Quality, Biomarker Levels, and Health Effects on Staff in Korean Restaurants and Pubs Before and After a Smoking Ban. <i>Nicotine and Tobacco Research</i> , 2015, 17, 1337-1346. | 2.6 | 17 |
| 59 | Indoor PM2.5 Concentrations in Different Sizes of Pubs with Non-comprehensive Smoke-free Regulation. <i>Korean Journal of Environmental Health Sciences</i> , 2015, 41, 126-132. | 0.3 | 3 |
| 60 | Outdoor tobacco smoke exposure at the perimeter of a tobacco-free university. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 863-866. | 1.9 | 15 |
| 61 | Determination of Outdoor Tobacco Smoke Exposure by Distance From a Smoking Source. <i>Nicotine and Tobacco Research</i> , 2014, 16, 478-484. | 2.6 | 16 |
| 62 | Identification of the sources of PM ₁₀ in a subway tunnel using positive matrix factorization. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 1361-1368. | 1.9 | 27 |
| 63 | A new assessment method of outdoor tobacco smoke (OTS) exposure. <i>Atmospheric Environment</i> , 2014, 87, 41-46. | 4.1 | 9 |
| 64 | Emission Characteristics of Particulate Matter and Volatile Organic Compounds in Cow Dung Combustion. <i>Environmental Science & Technology</i> , 2013, 47, 12952-12957. | 10.0 | 33 |
| 65 | Task-based exposure assessment of nanoparticles in the workplace. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1. | 1.9 | 27 |
| 66 | Personal exposures to PM2.5 and their relationships with microenvironmental concentrations. <i>Atmospheric Environment</i> , 2012, 47, 407-412. | 4.1 | 45 |
| 67 | The effects of operating conditions on particulate matter exhaust from diesel locomotive engines. <i>Science of the Total Environment</i> , 2012, 419, 76-80. | 8.0 | 22 |
| 68 | Determinants of residential indoor and transportation activity times in Korea. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2011, 21, 310-316. | 3.9 | 70 |
| 69 | Interpersonal and temporal variability of urinary cotinine in elderly subjects. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 215, 46-50. | 4.3 | 4 |
| 70 | Impact of regulation on indoor volatile organic compounds in new unoccupied apartment in Korea. <i>Atmospheric Environment</i> , 2011, 45, 1994-2000. | 4.1 | 22 |
| 71 | Longitudinal variability of time-location/activity patterns of population at different ages: a longitudinal study in California. <i>Environmental Health</i> , 2011, 10, 80. | 4.0 | 30 |
| 72 | Secondhand smoke exposures in indoor public places in seven Asian countries. <i>International Journal of Hygiene and Environmental Health</i> , 2010, 213, 348-351. | 4.3 | 34 |

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|----|---|-----|-----------|
| 73 | Exposure to Particulate Matters (PM2.5) and Airborne Nicotine in Computer Game Rooms After Implementation of Smoke-Free Legislation in South Korea. <i>Nicotine and Tobacco Research</i> , 2010, 12, 1246-1253. | 2.6 | 17 |
| 74 | Air quality in and around airport enclosed smoking rooms. <i>Nicotine and Tobacco Research</i> , 2010, 12, 665-668. | 2.6 | 18 |
| 75 | In-Vehicle Exposures to Particulate Matter and Black Carbon. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 130-136. | 1.9 | 23 |
| 76 | Usage pattern of personal care products in California households. <i>Food and Chemical Toxicology</i> , 2010, 48, 3109-3119. | 3.6 | 101 |
| 77 | Strength of smoke-free air laws and indoor air quality. <i>Nicotine and Tobacco Research</i> , 2009, 11, 381-386. | 2.6 | 33 |
| 78 | Occupational paraquat exposure of agricultural workers in large Costa Rican farms. <i>International Archives of Occupational and Environmental Health</i> , 2009, 82, 455-462. | 2.3 | 33 |
| 79 | Differential impacts of smoke-free laws on indoor air quality. <i>Journal of Environmental Health</i> , 2008, 70, 24-30, 54. | 0.5 | 17 |
| 80 | Secondhand Smoke Exposure in a Rural High School. <i>Journal of School Nursing</i> , 2007, 23, 222-228. | 1.4 | 8 |
| 81 | Immediate Impact of Smoke-free Laws on Indoor Air Quality. <i>Southern Medical Journal</i> , 2007, 100, 885-889. | 0.7 | 21 |