

# 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  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1769  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Usage pattern of personal care products in California households. <i>Food and Chemical Toxicology</i> , 2010, 48, 3109-3119.	3.6	101
3	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
4	Personal exposures to PM <sub>2.5</sub> and their relationships with microenvironmental concentrations. <i>Atmospheric Environment</i> , 2012, 47, 407-412.	4.1	45
5	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
6	Spatial&#x2013;Temporal Dispersion of Aerosolized Nanoparticles During the Use of Consumer Spray Products and Estimates of Inhalation Exposure. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7624-7638.	10.0	36
7	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
8	Strength of smoke-free air laws and indoor air quality. <i>Nicotine and Tobacco Research</i> , 2009, 11, 381-386.	2.6	33
9	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
10	Emission Characteristics of Particulate Matter and Volatile Organic Compounds in Cow Dung Combustion. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12952-12957.	10.0	33
11	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
12	Contribution of microenvironments to personal exposures to PM <sub>10</sub> and PM <sub>2.5</sub> in summer and winter. <i>Atmospheric Environment</i> , 2018, 175, 192-198.	4.1	29
13	The Relationship Between Indoor and Outdoor Temperature in Two Types Of Residence. <i>Energy Procedia</i> , 2015, 78, 2851-2856.	1.8	28
14	Task-based exposure assessment of nanoparticles in the workplace. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	27
15	Identification of the sources of PM <sub>10</sub> 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
16	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
17	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
18	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

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19	Immediate Impact of Smoke-free Laws on Indoor Air Quality. <i>Southern Medical Journal</i> , 2007, 100, 885-889.	0.7	21
20	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
21	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
22	Air quality in and around airport enclosed smoking rooms. <i>Nicotine and Tobacco Research</i> , 2010, 12, 665-668.	2.6	18
23	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
24	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
25	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
26	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
27	Differential impacts of smoke-free laws on indoor air quality. <i>Journal of Environmental Health</i> , 2008, 70, 24-30, 54.	0.5	17
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	A new assessment method of outdoor tobacco smoke (OTS) exposure. <i>Atmospheric Environment</i> , 2014, 87, 41-46.	4.1	9
43	Comparison of Real Time Nanoparticle Monitoring Instruments in the Workplaces. <i>Safety and Health at Work</i> , 2016, 7, 381-388.	0.6	9
44	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
45	Secondhand Smoke Exposure in a Rural High School. <i>Journal of School Nursing</i> , 2007, 23, 222-228.	1.4	8
46	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
47	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
48	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
49	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
50	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
51	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
52	Impact of exposure factor selection on deterministic consumer exposure assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 240-244.	2.7	6
53	Behavioral characteristics to airborne particles generated from commercial spray products. <i>Environment International</i> , 2020, 140, 105747.	10.0	6
54	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

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55	Determination of secondhand smoke leakage from the smoking room of an Internet café. Journal of the Air and Waste Management Association, 2017, 67, 1061-1065.	1.9	5
56	Daytime profile of residential PM2.5 concentrations in a ger, a traditional residence in Mongolia. The Korean Journal of Public Health, 2017, 54, 23-30.	0.2	5
57	Estimation of multi-route exposures to various chemicals during Children's clay toy use. Environmental Research, 2022, 212, 113500.	7.5	5
58	Interpersonal and temporal variability of urinary cotinine in elderly subjects. International Journal of Hygiene and Environmental Health, 2011, 215, 46-50.	4.3	4
59	Impact of Partial and Comprehensive Smoke-Free Regulations on Indoor Air Quality in Bars. International Journal of Environmental Research and Public Health, 2016, 13, 754.	2.6	4
60	Consumer exposure and risk assessment to selected chemicals of mold stain remover use in Korea. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 888-897.	3.9	4
61	Characteristics of exposure factors and inhalation exposure to selected spray consumer products in Korean population. Regulatory Toxicology and Pharmacology, 2020, 110, 104513.	2.7	4
62	Aggregate exposure assessment using cosmetic co-use scenarios: I. Establishment of aggregate exposure scenarios. Food and Chemical Toxicology, 2020, 142, 111486.	3.6	4
63	Personal PM2.5 exposures of husband and wife by residential characteristics in Ulaanbaatar, Mongolia. Air Quality, Atmosphere and Health, 2021, 14, 1849-1856.	3.3	4
64	Association between Secondhand Smoke in Hospitality Venues and Urinary 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol Concentrations in Non-Smoking Staff. International Journal of Environmental Research and Public Health, 2016, 13, 1101.	2.6	3
65	Comparison of data analysis procedures for real-time nanoparticle sampling data using classical regression and ARIMA models. Journal of Applied Statistics, 2017, 44, 685-699.	1.3	3
66	Hospital-Acquired Pneumonia among Inpatients via the Emergency Department: A Propensity-Score Matched Analysis. International Journal of Environmental Research and Public Health, 2018, 15, 1178.	2.6	3
67	Determination of Similar Exposure Groups Using Weekday Time Activity Patterns of Urban Populations. Korean Journal of Environmental Health Sciences, 2016, 42, 353-364.	0.3	3
68	Indoor PM2.5 Concentrations in Different Sizes of Pubs with Non-comprehensive Smoke-free Regulation. Korean Journal of Environmental Health Sciences, 2015, 41, 126-132.	0.3	3
69	Characteristics of ultrafine particles emitted from 3D printers and effect of partition on children's exposure during 3D printer operation. Indoor Air, 2022, 32, .	4.3	3
70	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. International Journal of Environmental Research and Public Health, 2015, 12, 14034-14042.	2.6	2
71	Effects of the biocides on the culturable house dust-borne bacterial compositions and diversities. Human and Ecological Risk Assessment (HERA), 2016, 22, 1133-1146.	3.4	2
72	Aggregate exposure assessment using cosmetic co-use scenarios: II. Application and validation for phthalates. Food and Chemical Toxicology, 2020, 144, 111583.	3.6	2

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73	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
74	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
75	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
76	Quantification of Outdoor Tobacco Smoke Exposure at Outdoor Smoking Facilities. <i>Nicotine and Tobacco Research</i> , 2021, 23, 1507-1511.	2.6	1
77	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
78	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
79	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
80	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
81	Review of Exposure Assessment Methodology for Future Directions. <i>Korean Journal of Environmental Health Sciences</i> , 2022, 48, 131-137.	0.3	0