

Jongbae Heo

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,145
citations

394421

19
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1971
citing authors

#	ARTICLE	IF	CITATIONS
1	Source apportionment of PM _{2.5} in Seoul, South Korea and Beijing, China using dispersion normalized PMF. <i>Science of the Total Environment</i> , 2022, 833, 155056.	8.0	48
2	The impact of organic extracts of seasonal PM _{2.5} on primary human lung epithelial cells and their chemical characterization. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59868-59880.	5.3	17
3	Source attribution of air pollution using a generalized additive model and particle trajectory clusters. <i>Science of the Total Environment</i> , 2021, 780, 146458.	8.0	6
4	Fifteen-year trends in carbon species and PM _{2.5} in Seoul, South Korea (2003–2017). <i>Chemosphere</i> , 2020, 261, 127750.	8.2	21
5	The major chemical constituents of PM _{2.5} and airborne bacterial community phyla in Beijing, Seoul, and Nagasaki. <i>Chemosphere</i> , 2020, 254, 126870.	8.2	12
6	Temporal Trend of the Major Contributors for the Particulate Polycyclic Aromatic Hydrocarbons (PAHs) in Seoul. <i>Aerosol and Air Quality Research</i> , 2019, 19, 318-330.	2.1	9
7	Source apportionment of PM _{2.5} using positive matrix factorization (PMF) at a rural site in Korea. <i>Journal of Environmental Management</i> , 2018, 214, 325-334.	7.8	65
8	Influence of intense secondary aerosol formation and long-range transport on aerosol chemistry and properties in the Seoul Metropolitan Area during spring time: results from KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7149-7168.	4.9	105
9	Reactive oxygen species (ROS) activity of ambient fine particles (PM _{2.5}) measured in Seoul, Korea. <i>Environment International</i> , 2018, 117, 276-283.	10.0	69
10	Characteristics of PM _{2.5} and its chemical constituents in Beijing, Seoul, and Nagasaki. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 1167-1178.	3.3	23
11	Short-term Effects of Ambient PM _{2.5} and PM _{2.5-10} on Mortality in Major Cities of Korea. <i>Aerosol and Air Quality Research</i> , 2018, 18, 1853-1862.	2.1	25
12	Estimation of the Source Contributions for Carbonaceous Aerosols at a Background Site in Korea. <i>Asian Journal of Atmospheric Environment</i> , 2018, 12, 311-325.	1.1	9
13	Source Apportionment of PM ₁₀ at Pyeongtaek Area Using Positive Matrix Factorization (PMF) Model. <i>Journal of Korean Society for Atmospheric Environment</i> , 2018, 34, 849-864.	1.1	8
14	Source apportionments of ambient fine particulate matter in Israeli, Jordanian, and Palestinian cities. <i>Environmental Pollution</i> , 2017, 225, 1-11.	7.5	27
15	Cardiovascular Effects of Long-Term Exposure to Air Pollution: A Population-Based Study With 900,845 Person-Years of Follow-Up. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	139
16	Heat, heat waves, and out-of-hospital cardiac arrest. <i>International Journal of Cardiology</i> , 2016, 221, 232-237.	1.7	37
17	ROS-generating/ARE-activating capacity of metals in roadway particulate matter deposited in urban environment. <i>Environmental Research</i> , 2016, 146, 252-262.	7.5	54
18	Ambient air pollution and out-of-hospital cardiac arrest. <i>International Journal of Cardiology</i> , 2016, 203, 1086-1092.	1.7	66

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19	Evaluation of health risk associated with fireworks activity at Central London. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 735-741.	3.3	36
20	Source apportionment of PM _{2.5} carbonaceous aerosol in Baghdad, Iraq. <i>Atmospheric Research</i> , 2015, 156, 80-90.	4.1	36
21	Assessing the role of chemical components in cellular responses to atmospheric particle matter (PM) through chemical fractionation of PM extracts. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5953-5963.	3.7	28
22	An <i>In Vitro</i> alveolar macrophage assay for the assessment of inflammatory cytokine expression induced by atmospheric particulate matter. <i>Environmental Toxicology</i> , 2015, 30, 836-851.	4.0	24
23	Spatial and Temporal Variation in Fine Particulate Matter Mass and Chemical Composition: The Middle East Consortium for Aerosol Research Study. <i>Scientific World Journal, The</i> , 2014, 2014, 1-16.	2.1	21
24	Fine Particle Air Pollution and Mortality. <i>Epidemiology</i> , 2014, 25, 379-388.	2.7	101
25	Risk assessment of total and bioavailable potentially toxic elements (PTEs) in urban soils of Baghdad, Iraq. <i>Science of the Total Environment</i> , 2014, 494-495, 39-48.	8.0	54
26	Understanding the sources and composition of the incremental excess of fine particles across multiple sampling locations in one air shed. <i>Journal of Environmental Sciences</i> , 2014, 26, 818-826.	6.1	10
27	Source apportionments of PM _{2.5} organic carbon using molecular marker Positive Matrix Factorization and comparison of results from different receptor models. <i>Atmospheric Environment</i> , 2013, 73, 51-61.	4.1	95