Jongbae Heo

List of Publications by Year in descending order

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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	Cardiovascular Effects of Longâ€Term Exposure to Air Pollution: A Populationâ€Based Study With 900Â845ÂPersonâ€Years of Followâ€up. Journal of the American Heart Association, 2017, 6, .	3.7	139
2	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. Atmospheric Chemistry and Physics, 2018, 18, 7149-7168.	4.9	105
3	Fine Particle Air Pollution and Mortality. Epidemiology, 2014, 25, 379-388.	2.7	101
4	Source apportionments of PM2.5 organic carbon using molecular marker Positive Matrix Factorization and comparison of results from different receptor models. Atmospheric Environment, 2013, 73, 51-61.	4.1	95
5	Reactive oxygen species (ROS) activity of ambient fine particles (PM2.5) measured in Seoul, Korea. Environment International, 2018, 117, 276-283.	10.0	69
6	Ambient air pollution and out-of-hospital cardiac arrest. International Journal of Cardiology, 2016, 203, 1086-1092.	1.7	66
7	Source apportionment of PM2.5 using positive matrix factorization (PMF) at a rural site in Korea. Journal of Environmental Management, 2018, 214, 325-334.	7.8	65
8	Risk assessment of total and bioavailable potentially toxic elements (PTEs) in urban soils of Baghdadâ€"Iraq. Science of the Total Environment, 2014, 494-495, 39-48.	8.0	54
9	ROS-generating/ARE-activating capacity of metals in roadway particulate matter deposited in urban environment. Environmental Research, 2016, 146, 252-262.	7.5	54
10	Source apportionment of PM2.5 in Seoul, South Korea and Beijing, China using dispersion normalized PMF. Science of the Total Environment, 2022, 833, 155056.	8.0	48
11	Heat, heat waves, and out-of-hospital cardiac arrest. International Journal of Cardiology, 2016, 221, 232-237.	1.7	37
12	Source apportionment of PM2.5 carbonaceous aerosol in Baghdad, Iraq. Atmospheric Research, 2015, 156, 80-90.	4.1	36
13	Evaluation of health risk associated with fireworks activity at Central London. Air Quality, Atmosphere and Health, 2016, 9, 735-741.	3.3	36
14	Assessing the role of chemical components in cellular responses to atmospheric particle matter (PM) through chemical fractionation of PM extracts. Analytical and Bioanalytical Chemistry, 2015, 407, 5953-5963.	3.7	28
15	Source apportionments of ambient fine particulate matter in Israeli, Jordanian, and Palestinian cities. Environmental Pollution, 2017, 225, 1-11.	7.5	27
16	Short-term Effects of Ambient PM2.5 and PM2.5-10 on Mortality in Major Cities of Korea. Aerosol and Air Quality Research, 2018, 18, 1853-1862.	2.1	25
17	An In Vitro alveolar macrophage assay for the assessment of inflammatory cytokine expression induced by atmospheric particulate matter. Environmental Toxicology, 2015, 30, 836-851.	4.0	24
18	Characteristics of PM2.5 and its chemical constituents in Beijing, Seoul, and Nagasaki. Air Quality, Atmosphere and Health, 2018, 11, 1167-1178.	3.3	23

#	Article	IF	Citations
19	Spatial and Temporal Variation in Fine Particulate Matter Mass and Chemical Composition: The Middle East Consortium for Aerosol Research Study. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	21
20	Fifteen-year trends in carbon species and PM2.5 in Seoul, South Korea (2003â€“2017). Chemosphere, 2020, 261, 127750.	8.2	21
21	The impact of organic extracts of seasonal PM2.5 on primary human lung epithelial cells and their chemical characterization. Environmental Science and Pollution Research, 2021, 28, 59868-59880.	5.3	17
22	The major chemical constituents of PM2.5 and airborne bacterial community phyla in Beijing, Seoul, and Nagasaki. Chemosphere, 2020, 254, 126870.	8.2	12
23	Understanding the sources and composition of the incremental excess of fine particles across multiple sampling locations in one air shed. Journal of Environmental Sciences, 2014, 26, 818-826.	6.1	10
24	Temporal Trend of the Major Contributors for the Particulate Polycyclic Aromatic Hydrocarbons (PAHs) in Seoul. Aerosol and Air Quality Research, 2019, 19, 318-330.	2.1	9
25	Estimation of the Source Contributions for Carbonaceous Aerosols at a Background Site in Korea. Asian Journal of Atmospheric Environment, 2018, 12, 311-325.	1.1	9
26	Source Apportionment of PM10 at Pyeongtaek Area Using Positive Matrix Factorization (PMF) Model. Journal of Korean Society for Atmospheric Environment, 2018, 34, 849-864.	1.1	8
27	Source attribution of air pollution using a generalized additive model and particle trajectory clusters. Science of the Total Environment, 2021, 780, 146458.	8.0	6