

Young-Ji Han

List of Publications by Year in descending order

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38
papers

1,874
citations

361413
20
h-index

345221
36
g-index

38
all docs

38
docs citations

38
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	Mercury Contamination in Forest and Freshwater Ecosystems in the Northeastern United States. <i>BioScience</i> , 2007, 57, 17-28.	4.9	459
2	Biological Mercury Hotspots in the Northeastern United States and Southeastern Canada. <i>BioScience</i> , 2007, 57, 29-43.	4.9	289
3	Characteristics of atmospheric speciated mercury concentrations (TGM, Hg(II) and Hg(p)) in Seoul, Korea. <i>Atmospheric Environment</i> , 2009, 43, 3267-3274.	4.1	94
4	Atmospheric particulate mercury: Concentrations and size distributions. <i>Atmospheric Environment</i> , 2012, 61, 94-102.	4.1	85
5	Comparison between Back-Trajectory Based Modeling and Lagrangian Backward Dispersion Modeling for Locating Sources of Reactive Gaseous Mercury. <i>Environmental Science & Technology</i> , 2005, 39, 1715-1723.	10.0	80
6	Atmospheric gaseous mercury concentrations in New York State: relationships with meteorological data and other pollutants. <i>Atmospheric Environment</i> , 2004, 38, 6431-6446.	4.1	73
7	Ionic constituents and source analysis of PM _{2.5} in three Korean cities. <i>Atmospheric Environment</i> , 2008, 42, 4735-4746.	4.1	64
8	Metallic elements in PM _{2.5} in different functional areas of Korea: Concentrations and source identification. <i>Atmospheric Research</i> , 2015, 153, 416-428.	4.1	63
9	Estimation of source locations of total gaseous mercury measured in New York State using trajectory-based models. <i>Atmospheric Environment</i> , 2007, 41, 6033-6047.	4.1	57
10	Factors influencing atmospheric wet deposition of trace elements in rural Korea. <i>Atmospheric Research</i> , 2012, 116, 185-194.	4.1	57
11	General trends of atmospheric mercury concentrations in urban and rural areas in Korea and characteristics of high-concentration events. <i>Atmospheric Environment</i> , 2014, 94, 754-764.	4.1	53
12	Source contributions to carbonaceous aerosol concentrations in Korea. <i>Atmospheric Environment</i> , 2011, 45, 1116-1125.	4.1	52
13	Identification of source locations for atmospheric dry deposition of heavy metals during yellow-sand events in Seoul, Korea in 1998 using hybrid receptor models. <i>Atmospheric Environment</i> , 2004, 38, 5353-5361.	4.1	50
14	Characteristics of total mercury (TM) wet deposition: Scavenging of atmospheric mercury species. <i>Atmospheric Environment</i> , 2012, 49, 69-76.	4.1	44
15	Epidemiological study of PM _{2.5} and risk of COPD-related hospital visits in association with particle constituents in Chuncheon, Korea. <i>International Journal of COPD</i> , 2018, Volume 13, 299-307.	2.3	44
16	Atmospheric speciated mercury concentrations on an island between China and Korea: sources and transport pathways. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4119-4133.	4.9	35
17	Mercury wet deposition in rural Korea: concentrations and fluxes. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2748.	2.1	29
18	Factors influencing concentrations of dissolved gaseous mercury (DGM) and total mercury (TM) in an artificial reservoir. <i>Environmental Pollution</i> , 2010, 158, 347-355.	7.5	27

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19	Long-term measurements of atmospheric PM _{2.5} and its chemical composition in rural Korea. <i>Journal of Atmospheric Chemistry</i> , 2011, 68, 281-298.	3.2	26
20	Laboratory investigation of factors affecting mercury emissions from soils. <i>Environmental Earth Sciences</i> , 2014, 72, 2711-2721.	2.7	22
21	Estimating fractional green vegetation cover of Mongolian grasslands using digital camera images and MODIS satellite vegetation indices. <i>GIScience and Remote Sensing</i> , 2020, 57, 49-59.	5.9	20
22	Long-term exposure to PM ₁₀ and NO ₂ in relation to lung function and imaging phenotypes in a COPD cohort. <i>Respiratory Research</i> , 2020, 21, 247.	3.6	20
23	Study on Characteristics of PM _{2.5} and Its Ionic Constituents in Chuncheon, Korea. <i>Journal of Korean Society for Atmospheric Environment</i> , 2008, 24, 682-692.	1.1	18
24	Factors influencing concentrations of atmospheric speciated mercury measured at the farthest island West of South Korea. <i>Atmospheric Environment</i> , 2019, 213, 239-249.	4.1	17
25	Characteristics of Ionic and Carbonaceous Compounds in PM _{2.5} and High Concentration Events in Chuncheon, Korea. <i>Journal of Korean Society for Atmospheric Environment</i> , 2016, 32, 435-447.	1.1	14
26	Mercury concentrations in environmental media at a hazardous solid waste landfill site and mercury emissions from the site. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	13
27	Reduced mercury deposition in New Hampshire from 1996 to 2002 due to changes in local sources. <i>Environmental Pollution</i> , 2008, 156, 1348-1356.	7.5	11
28	Mercury wet deposition in the eastern United States: characteristics and scavenging ratios. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2321.	3.5	10
29	High PM _{2.5} Concentrations in a Small Residential City with Low Anthropogenic Emissions in South Korea. <i>Atmosphere</i> , 2020, 11, 1159.	2.3	8
30	Characteristics of Carbonaceous PM _{2.5} in a Small Residential City in Korea. <i>Atmosphere</i> , 2018, 9, 490.	2.3	7
31	Characteristics of Locally Occurring High PM _{2.5} Concentration Episodes in a Small City in South Korea. <i>Atmosphere</i> , 2021, 12, 86.	2.3	7
32	Different Characteristics of PM _{2.5} Measured in Downtown and Suburban Areas of a Medium-Sized City in South Korea. <i>Atmosphere</i> , 2021, 12, 832.	2.3	6
33	Mercury Exchange Flux from Two Different Soil Types and Affecting Parameters. <i>Asian Journal of Atmospheric Environment</i> , 2013, 7, 199-208.	1.1	6
34	Long-term Characteristics of PM _{2.5} and Its Metallic Components in Chuncheon, Korea. <i>Journal of Korean Society for Atmospheric Environment</i> , 2018, 34, 406-417.	1.1	6
35	Effects of organic carbon and UV wavelength on the formation of dissolved gaseous mercury in water under a controlled environment. <i>Environmental Engineering Research</i> , 2019, 24, 54-62.	2.5	5
36	A Review for the Long-Term Trend and Spatial Distribution of Soil Mercury Concentration in South Korea. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2019, 41, 346-355.	1.1	3

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37	An Analysis of Asthma Exacerbations and Weather Conditions in Chuncheon. Journal of Allergy and Clinical Immunology, 2013, 131, AB162.	2.9	0
38	Mercury Wet Deposition in Chuncheon, Korea: Concentration in Rain and Washout Ratio. Journal of Korean Society for Atmospheric Environment, 2021, 37, 729-743.	1.1	0