

Zang-Ho Shon

List of Publications by Year in descending order

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66
papers

1,451
citations

331670

21
h-index

361022

35
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67
all docs

67
docs citations

67
times ranked

1861
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of natural and anthropogenic emissions on the composition and toxicity of aerosols in the marine atmosphere. <i>Science of the Total Environment</i> , 2022, 806, 150928.	8.0	7
2	Impact of international Maritime Organization 2020 sulfur content regulations on port air quality at international hub port. <i>Journal of Cleaner Production</i> , 2022, 347, 131298.	9.3	13
3	Comprehensive study of a long-lasting severe haze in Seoul megacity and its impacts on fine particulate matter and health. <i>Chemosphere</i> , 2021, 268, 129369.	8.2	9
4	Assessment of long-range oriented source and oxidative potential on the South-west shoreline, Korea: Molecular marker receptor models during shipborne measurements. <i>Environmental Pollution</i> , 2021, 281, 116979.	7.5	8
5	Air Pollution and Its Association with the Greenland Ice Sheet Melt. <i>Sustainability</i> , 2021, 13, 65.	3.2	1
6	Impact of temporary emission reduction from a large-scale coal-fired power plant on air quality. <i>Atmospheric Environment: X</i> , 2020, 5, 100056.	1.4	6
7	Source apportionment of VOCs and their impact on air quality and health in the megacity of Seoul. <i>Environmental Pollution</i> , 2019, 247, 763-774.	7.5	89
8	Carbonaceous aerosol in ambient air: Parallel measurements between water cyclone and carbon analyzer. <i>Particuology</i> , 2019, 44, 153-158.	3.6	6
9	Global trend analysis in primary and secondary production of marine aerosol and aerosol optical depth during 2000â€“2015. <i>Chemosphere</i> , 2019, 224, 417-427.	8.2	11
10	Chemical Characteristics of Size-Resolved Aerosols in Coastal Areas during KORUS-AQ Campaign; Comparison of Ion Neutralization Model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 387-399.	2.3	8
11	Emission and Cytotoxicity of Surgical Smoke: Cholesta-3,5-Diene Released from Pyrolysis of Prostate Tissue. <i>Atmosphere</i> , 2018, 9, 381.	2.3	3
12	Contribution of Biomass Burning and Secondary Organic Carbon to Water Soluble Organic Carbon at a Suburban Site. <i>Journal of Korean Society for Atmospheric Environment</i> , 2018, 34, 259-268.	1.1	4
13	Diurnal and seasonal characteristics of the optical properties and direct radiative forcing of different aerosol components in Seoul megacity. <i>Science of the Total Environment</i> , 2017, 599-600, 400-412.	8.0	18
14	Relationship between reactive oxygen species and water-soluble organic compounds: Time-resolved benzene carboxylic acids measurement in the coastal area during the KORUS-AQ campaign. <i>Environmental Pollution</i> , 2017, 231, 1-12.	7.5	30
15	Comparison of source apportionment of PM 2.5 using receptor models in the main hub port city of East Asia: Busan. <i>Atmospheric Environment</i> , 2017, 148, 115-127.	4.1	62
16	Long-term variations in PM2.5 emission from open biomass burning in Northeast Asia derived from satellite-derived data for 2000â€“2013. <i>Atmospheric Environment</i> , 2015, 107, 342-350.	4.1	12
17	Characteristics of Atmospheric Metalliferous Particles during Large-Scale Fireworks in Korea. <i>Advances in Meteorology</i> , 2015, 2015, 1-13.	1.6	6
18	Comparison of impacts of aircraft emissions within the boundary layer on the regional ozone in South Korea. <i>Atmospheric Environment</i> , 2015, 117, 169-179.	4.1	9

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19	Long-term trend of airborne particulate matter in Seoul, Korea from 2004 to 2013. <i>Atmospheric Environment</i> , 2015, 101, 125-133.	4.1	64
20	Characteristics of Ozone Precursor Emissions and POCP in the Biggest Port City in Korea. <i>Asian Journal of Atmospheric Environment</i> , 2015, 9, 146-157.	1.1	2
21	National Emissions of Greenhouse Gases and Air Pollutants from Commercial Aircraft in the Troposphere over South Korea. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 61.	0.6	5
22	Current and future emission estimates of exhaust gases and particles from shipping at the largest port in Korea. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6612-6622.	5.3	72
23	An investigation into the relationship between the major chemical components of particulate matter in urban air. <i>Chemosphere</i> , 2014, 95, 387-394.	8.2	9
24	Long-term monitoring of airborne nickel (Ni) pollution in association with some potential source processes in the urban environment. <i>Chemosphere</i> , 2014, 111, 312-319.	8.2	23
25	Temporal Variations in Optical Properties and Direct Radiative Forcing of Different Aerosol Chemical Components in Seoul using Hourly Aerosol Sampling. <i>Journal of Korean Society for Atmospheric Environment</i> , 2014, 30, 1-17.	1.1	7
26	Demonstration of long-term increases in tropospheric O ₃ levels: Causes and potential impacts. <i>Chemosphere</i> , 2013, 92, 1520-1528.	8.2	21
27	Analysis of ammonia variation in the urban atmosphere. <i>Atmospheric Environment</i> , 2013, 65, 177-185.	4.1	71
28	Analysis of water-soluble ions and their precursor gases over diurnal cycle. <i>Atmospheric Research</i> , 2013, 132-133, 309-321.	4.1	32
29	Influence of an enhanced traffic volume around beaches in the short period of summer on ozone. <i>Atmospheric Environment</i> , 2013, 71, 376-388.	4.1	5
30	Emissions of Air Pollutants and Greenhouse Gases from Aircraft Activities at the Small Scale Airports. <i>Journal of Environmental Science International</i> , 2013, 22, 823-836.	0.2	3
31	Identification of control parameters for the sulfur gas storability with bag sampling methods. <i>Analytica Chimica Acta</i> , 2012, 738, 51-58.	5.4	19
32	Emissions of greenhouse gases and air pollutants from commercial aircraft at international airports in Korea. <i>Atmospheric Environment</i> , 2012, 61, 148-158.	4.1	55
33	Photochemical analyses of ozone and related compounds under various environmental conditions. <i>Atmospheric Environment</i> , 2012, 47, 446-458.	4.1	13
34	Fractionation of secondary organic carbon in aerosol in relation to the trafficborne emission of semivolatile organic compounds. <i>Atmospheric Environment</i> , 2012, 50, 225-233.	4.1	8
35	Relationship between water-soluble ions in PM _{2.5} and their precursor gases in Seoul megacity. <i>Atmospheric Environment</i> , 2012, 59, 540-550.	4.1	64
36	Characteristics of the Emissions and Concentrations of Air Pollutants with Change in Traffic Volume during the Beach Opening Period in Busan. <i>Journal of Environmental Science International</i> , 2012, 21, 1149-1162.	0.2	3

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37	The effect of man made source processes on the behavior of total gaseous mercury in air: A comparison between four urban monitoring sites in Seoul Korea. <i>Science of the Total Environment</i> , 2011, 409, 3801-3811.	8.0	17
38	Impact of emission control strategy on NO ₂ in urban areas of Korea. <i>Atmospheric Environment</i> , 2011, 45, 808-812.	4.1	32
39	An oil spill accident and its impact on ozone levels in the surrounding coastal regions. <i>Atmospheric Environment</i> , 2011, 45, 1312-1322.	4.1	17
40	Long-term trend in NO ₂ and NO levels and their emission ratio in relation to road traffic activities in East Asia. <i>Atmospheric Environment</i> , 2011, 45, 3120-3131.	4.1	59
41	Long-term changes in PM ₁₀ levels in urban air in relation with air quality control efforts. <i>Atmospheric Environment</i> , 2011, 45, 3309-3317.	4.1	48
42	Nationwide shift in CO concentration levels in urban areas of Korea after 2000. <i>Journal of Hazardous Materials</i> , 2011, 188, 235-246.	12.4	17
43	Temporal Variability of Reduced Sulfur Compounds (RSC) Collected in Tedlar Bag: Simulation of Sample Stability in the Emission Sources. <i>Journal of Korean Society for Atmospheric Environment</i> , 2011, 27, 281-290.	1.1	3
44	Meteorological and Chemical Behavior of Gaseous Sulfur Compounds in and around an Urban Valley. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2010, 21, 971.	0.6	0
45	Influence of ship emissions on ozone concentrations around coastal areas during summer season. <i>Atmospheric Environment</i> , 2010, 44, 713-723.	4.1	50
46	Rapid Changes in CO Concentration Levels at Seven Roadside Locations in Seoul before and after 2000. <i>Asian Journal of Atmospheric Environment</i> , 2010, 4, 26-32.	1.1	2
47	A Study of Ozone Photochemistry in Different Physico-chemical Properties of Air Masses around the Mexico City Metropolitan Area (MCMA) Using Aircraft Observations in 2006. <i>Journal of Korean Society for Atmospheric Environment</i> , 2010, 26, 118-136.	1.1	0
48	Photochemical oxidation and dispersion of gaseous sulfur compounds from natural and anthropogenic sources around a coastal location. <i>Atmospheric Environment</i> , 2009, 43, 3015-3023.	4.1	14
49	Reduced sulfur compounds in ambient air surrounding an industrial region in Korea. <i>Environmental Monitoring and Assessment</i> , 2009, 148, 109-125.	2.7	20
50	Characteristics of malodor pollutants and aromatic VOCs around an urban valley in Korea. <i>Environmental Monitoring and Assessment</i> , 2009, 157, 259-275.	2.7	7
51	A Review of Atmospheric Mercury in the Polar Environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2009, 39, 552-584.	12.8	20
52	Characteristics of Malodor Pollutants and Their Dispersion Measured in Several Industrial Source Regions in Yangsan. <i>Journal of Environmental Science International</i> , 2009, 18, 1103-1114.	0.2	0
53	Major aromatic VOC in the ambient air in the proximity of an urban landfill facility. <i>Journal of Hazardous Materials</i> , 2008, 150, 754-764.	12.4	59
54	Environmental fate of gaseous elemental mercury at an urban monitoring site based on long-term measurements in Korea (1997-2005). <i>Atmospheric Environment</i> , 2008, 42, 142-155.	4.1	17

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55	Dispersion and photochemical oxidation of reduced sulfur compounds in and around a large industrial complex in Korea. <i>Atmospheric Environment</i> , 2008, 42, 4269-4279.	4.1	13
56	Influence of meteorological conditions on trans-Pacific transport of Asian dust during spring season. <i>Journal of Aerosol Science</i> , 2008, 39, 1003-1017.	3.8	9
57	Monitoring of atmospheric reduced sulfur compounds and their oxidation in two coastal landfill areas. <i>Atmospheric Environment</i> , 2007, 41, 974-988.	4.1	31
58	Monitoring of Atmospheric Mercury at a Global Atmospheric Watch (GAW) Site on An-Myun Island, Korea. <i>Water, Air, and Soil Pollution</i> , 2007, 185, 149-164.	2.4	50
59	Photochemical oxidation of reduced sulfur compounds in an urban location based on short time monitoring data. <i>Chemosphere</i> , 2006, 63, 1859-1869.	8.2	18
60	Characteristics of Asian Dust Transport Based on Synoptic Meteorological Analysis over Korea. <i>Journal of the Air and Waste Management Association</i> , 2006, 56, 306-316.	1.9	30
61	Photochemistry of reduced sulfur compounds in a landfill environment. <i>Atmospheric Environment</i> , 2005, 39, 4803-4814.	4.1	34
62	DMS photochemistry during the Asian dust-storm period in the Spring of 2001: model simulations vs. field observations. <i>Chemosphere</i> , 2005, 58, 149-161.	8.2	5
63	Monitoring of reduced sulfur compounds in the atmosphere of Gosan, Jeju Island during the Spring of 2001. <i>Chemosphere</i> , 2004, 54, 515-526.	8.2	15
64	Assessment of the photochemistry of OH and NO ₃ on Jeju Island during the Asian-dust-storm period in the spring of 2001. <i>Chemosphere</i> , 2004, 55, 1127-1142.	8.2	22
65	A modeling study of halogen chemistry's role in marine boundary layer ozone. <i>Atmospheric Environment</i> , 2002, 36, 4289-4298.	4.1	21
66	Evaluation of the DMS flux and its conversion to SO ₂ over the southern ocean. <i>Atmospheric Environment</i> , 2001, 35, 159-172.	4.1	43