Seongmin Kang

List of Publications by Year
in descending order

48 papers	269 citations	1039880 9 h-index	1058333 14 g-index
49 all docs	49 docs citations	49 times ranked	297 citing authors

#	Article	IF	Citations
1	Development of Ammonia Emission Factor for Industrial Waste Incineration Facilities Considering Incinerator Type. International Journal of Environmental Research and Public Health, 2022, 19, 5949.	1.2	1
2	Ammonia Emissions from NPK Fertilizer Production Plants: Emission Characteristics and Emission Factor Estimation. International Journal of Environmental Research and Public Health, 2022, 19, 6703.	1.2	1
3	Estimate of Ammonia Emission Factor in the Oil Refining Industry. Journal of Climate Change Research, 2022, 13, 305-309.	0.1	0
4	Comparative Study of Sampling and Measurement Methods for the Development of CH4 Emission Factors at MSW Incinerators. International Journal of Environmental Research and Public Health, 2022, 19, 8647.	1.2	0
5	Major Elements to Consider in Developing Ammonia Emission Factor at Municipal Solid Waste (MSW) Incinerators. Sustainability, 2021, 13, 2197.	1.6	3
6	Estimating the Characteristics and Emission Factor of Ammonia from Sewage Sludge Incinerator. International Journal of Environmental Research and Public Health, 2021, 18, 2539.	1.2	3
7	Development of the Coke Oven Gas Carbon Emission Factor and Calculation of Uncertainty. Journal of Climate Change Research, 2021, 12, 137-142.	0.1	2
8	Mixed Use of Bio-Oil in Oil Power Plants: Should It Be Considered When Developing NH3 Emission Factors?. International Journal of Environmental Research and Public Health, 2021, 18, 4235.	1.2	0
9	Emission Factor Development and Characteristic Analysis of SRF. Journal of Climate Change Research, 2021, 12, 281-287.	0.1	0
10	Study on Enhanced Methods for Calculating NH3 Emissions from Fertilizer Application in Agriculture Sector. International Journal of Environmental Research and Public Health, 2021, 18, 11551.	1.2	1
11	Characteristics of N2O Emissions from Urea Fertilizer Application to Cabbage Fields. Journal of Climate Change Research, 2021, 12, 515-522.	0.1	0
12	Method and Characterization of Ammonia Emission Estimation in Open Houses. Journal of Climate Change Research, 2021, 12, 505-513.	0.1	1
13	Estimation of appropriate CO_2 concentration sampling cycle for MSW incinerators. Energy and Environment, 2020, 31, 535-544.	2.7	2
14	Fossil carbon fraction of industrial waste incineration and optimal cycle for measurement. Energy and Environment, 2020, 31, 1191-1199.	2.7	1
15	Ammonia Emission Characteristics and Emission Factor of Municipal Solid Waste Incineration Plant. Sustainability, 2020, 12, 7309.	1.6	6
16	Key Factors in Measuring Ammonia Emissions with Dynamic Flux Chamber in Barns. Sustainability, 2020, 12, 6276.	1.6	1
17	Analysis of Main Factors for CH4 Emission Factor Development in Manufacturing Industries and Construction Sector. Energies, 2020, 13, 1220.	1.6	1
18	Seasonal Variation Analysis Method of GHG at Municipal Solid Waste Incinerator. Sustainability, 2020, 12, 7425.	1.6	3

#	Article	IF	Citations
19	Ammonia Emission Factors and Uncertainties of Coke Oven Gases in Iron and Steel Industries. Sustainability, 2020, 12, 3518.	1.6	13
20	Ammonia Emission Sources Characteristics and Emission Factor Uncertainty at Liquefied Natural Gas Power Plants. International Journal of Environmental Research and Public Health, 2020, 17, 3758.	1.2	12
21	Emission Characteristics of Ammonia at Bituminous Coal Power Plant. Energies, 2020, 13, 1534.	1.6	10
22	CO2 Reduction Potential due to Expansion of Ultra Super-Critical Power Plants. Journal of Climate Change Research, 2020, 11, 713-717.	0.1	0
23	Comparison of GHG Emission Methods Calculated by Applying Biomass Fraction at Sewage Sludge Incinerators in Korea. Sustainability, 2019, 11, 3419.	1.6	0
24	Application of biomass fraction at industrial waste incinerator. Energy and Environment, 2019, 30, 707-718.	2.7	1
25	Analysis of Factors for Emission Change in the Waste Incineration Sector caused by Change of Guidance in the Greenhouse Gas Emissions Estimate Method. Journal of Climate Change Research, 2019, 10, 35-46.	0.1	4
26	Estimation of optimal biomass fraction measuring cycle for municipal solid waste incineration facilities in Korea. Waste Management, 2018, 71, 176-180.	3.7	9
27	Uncertainty Analysis for the CH4 Emission Factor of Thermal Power Plant by Monte Carlo Simulation. Sustainability, 2018, 10, 3448.	1.6	5
28	Fossil Carbon Fraction and Measuring Cycle for Sewage Sludge Waste Incineration. Sustainability, 2018, 10, 2790.	1.6	3
29	Short and Long-Term Temporal Changes in Air Quality in a Seoul Urban Area: The Weekday/Sunday Effect. Sustainability, 2018, 10, 1248.	1.6	8
30	The Promotion of Environmental Management in the South Korean Health Sectorâ€"Case Study. Sustainability, 2018, 10, 2081.	1.6	8
31	Long-term trends in airborne SO2 in an air quality monitoring station in Seoul, Korea, from 1987 to 2013. Journal of the Air and Waste Management Association, 2017, 67, 923-932.	0.9	13
32	Study on the Variance of N_2O Concentration after Air Pollution Prevention Facility in Bituminous Coal-Firing Power Plant. Energy & Fuels, 2017, 31, 4173-4178.	2.5	8
33	The Study on Biomass Fraction Estimation for Waste Incinerated in Korea: A Case Study. Sustainability, 2017, 9, 511.	1.6	5
34	A Study on Applying Biomass Fraction for Greenhouse Gases Emission Estimation of a Sewage Sludge Incinerator in Korea: A Case Study. Sustainability, 2017, 9, 557.	1.6	6
35	The comparison of fossil carbon fraction and greenhouse gas emissions through an analysis of exhaust gases from urban solid waste incineration facilities. Journal of the Air and Waste Management Association, 2016, 66, 978-987.	0.9	15
36	The study on biomass fraction estimate methodology of municipal solid waste incinerator in Korea. Journal of the Air and Waste Management Association, 2016, 66, 971-977.	0.9	7

#	ARTICLE	IF	CITATIONS
37	Long term trends of methane, non methane hydrocarbons, and carbon monoxide in urban atmosphere. Science of the Total Environment, 2015, 518-519, 595-604.	3.9	8
38	Development of municipal solid waste classification in Korea based on fossil carbon fraction. Journal of the Air and Waste Management Association, 2015, 65, 1256-1260.	0.9	6
39	A Study on N2O Measurement Characteristics Using Photoacoustic Spectroscopy (PAS). Sensors, 2014, 14, 14399-14410.	2.1	13
40	A study on the evaluations of emission factors and uncertainty ranges for methane and nitrous oxide from combined-cycle power plant in Korea. Environmental Science and Pollution Research, 2013, 20, 461-468.	2.7	6
41	Development of a country-specific CO2 emission factor for domestic anthracite in Korea, 2007–2009. Environmental Science and Pollution Research, 2012, 19, 2722-2727.	2.7	4
42	A Study on Methane and Nitrous Oxide Emissions Characteristics from Anthracite Circulating Fluidized Bed Power Plant in Korea. Scientific World Journal, The, 2012, 2012, 1-6.	0.8	3
43	Development of Methane and Nitrous Oxide Emission Factors for the Biomass Fired Circulating Fluidized Bed Combustion Power Plant. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	7
44	Greenhouse gas emission factor development for coal-fired power plants in Korea. Applied Energy, 2010, 87, 205-210.	5.1	23
45	Estimation of Ammonia Flux and Emission Factor from Cattle Housing Using Dynamic Flux Chamber. Korean Journal of Environmental Health Sciences, 2010, 36, 33-43.	0.1	3
46	Emission Characteristics and Factors of Selected Odorous Compounds at a Wastewater Treatment Plant. Sensors, 2009, 9, 311-326.	2.1	37
47	Development of Greenhouse Gas (CH4 and N2O) Emission Factors for Anthracite Fired Power Plants in Korea. Journal of Korean Society for Atmospheric Environment, 2009, 25, 562-570.	0.2	2
48	Analysis Methods for Measurement of Ammonia Concentration. Journal of Korean Society for Atmospheric Environment, 2008, 24, 43-54.	0.2	4