

Seongmin Kang

List of Publications by Year in descending order

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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	Emission Characteristics and Factors of Selected Odorous Compounds at a Wastewater Treatment Plant. <i>Sensors</i> , 2009, 9, 311-326.	2.1	37
2	Greenhouse gas emission factor development for coal-fired power plants in Korea. <i>Applied Energy</i> , 2010, 87, 205-210.	5.1	23
3	The comparison of fossil carbon fraction and greenhouse gas emissions through an analysis of exhaust gases from urban solid waste incineration facilities. <i>Journal of the Air and Waste Management Association</i> , 2016, 66, 978-987.	0.9	15
4	A Study on N ₂ O Measurement Characteristics Using Photoacoustic Spectroscopy (PAS). <i>Sensors</i> , 2014, 14, 14399-14410.	2.1	13
5	Long-term trends in airborne SO ₂ in an air quality monitoring station in Seoul, Korea, from 1987 to 2013. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 923-932.	0.9	13
6	Ammonia Emission Factors and Uncertainties of Coke Oven Gases in Iron and Steel Industries. <i>Sustainability</i> , 2020, 12, 3518.	1.6	13
7	Ammonia Emission Sources Characteristics and Emission Factor Uncertainty at Liquefied Natural Gas Power Plants. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3758.	1.2	12
8	Emission Characteristics of Ammonia at Bituminous Coal Power Plant. <i>Energies</i> , 2020, 13, 1534.	1.6	10
9	Estimation of optimal biomass fraction measuring cycle for municipal solid waste incineration facilities in Korea. <i>Waste Management</i> , 2018, 71, 176-180.	3.7	9
10	Long term trends of methane, non methane hydrocarbons, and carbon monoxide in urban atmosphere. <i>Science of the Total Environment</i> , 2015, 518-519, 595-604.	3.9	8
11	Study on the Variance of N ₂ O Concentration after Air Pollution Prevention Facility in Bituminous Coal-Firing Power Plant. <i>Energy & Fuels</i> , 2017, 31, 4173-4178.	2.5	8
12	Short and Long-Term Temporal Changes in Air Quality in a Seoul Urban Area: The Weekday/Sunday Effect. <i>Sustainability</i> , 2018, 10, 1248.	1.6	8
13	The Promotion of Environmental Management in the South Korean Health Sector—Case Study. <i>Sustainability</i> , 2018, 10, 2081.	1.6	8
14	Development of Methane and Nitrous Oxide Emission Factors for the Biomass Fired Circulating Fluidized Bed Combustion Power Plant. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	0.8	7
15	The study on biomass fraction estimate methodology of municipal solid waste incinerator in Korea. <i>Journal of the Air and Waste Management Association</i> , 2016, 66, 971-977.	0.9	7
16	A study on the evaluations of emission factors and uncertainty ranges for methane and nitrous oxide from combined-cycle power plant in Korea. <i>Environmental Science and Pollution Research</i> , 2013, 20, 461-468.	2.7	6
17	Development of municipal solid waste classification in Korea based on fossil carbon fraction. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 1256-1260.	0.9	6
18	A Study on Applying Biomass Fraction for Greenhouse Gases Emission Estimation of a Sewage Sludge Incinerator in Korea: A Case Study. <i>Sustainability</i> , 2017, 9, 557.	1.6	6

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19	Ammonia Emission Characteristics and Emission Factor of Municipal Solid Waste Incineration Plant. Sustainability, 2020, 12, 7309.	1.6	6
20	The Study on Biomass Fraction Estimation for Waste Incinerated in Korea: A Case Study. Sustainability, 2017, 9, 511.	1.6	5
21	Uncertainty Analysis for the CH ₄ Emission Factor of Thermal Power Plant by Monte Carlo Simulation. Sustainability, 2018, 10, 3448.	1.6	5
22	Development of a country-specific CO ₂ emission factor for domestic anthracite in Korea, 2007-2009. Environmental Science and Pollution Research, 2012, 19, 2722-2727.	2.7	4
23	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
24	Analysis Methods for Measurement of Ammonia Concentration. Journal of Korean Society for Atmospheric Environment, 2008, 24, 43-54.	0.2	4
25	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
26	Fossil Carbon Fraction and Measuring Cycle for Sewage Sludge Waste Incineration. Sustainability, 2018, 10, 2790.	1.6	3
27	Seasonal Variation Analysis Method of GHG at Municipal Solid Waste Incinerator. Sustainability, 2020, 12, 7425.	1.6	3
28	Major Elements to Consider in Developing Ammonia Emission Factor at Municipal Solid Waste (MSW) Incinerators. Sustainability, 2021, 13, 2197.	1.6	3
29	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
30	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
31	Estimation of appropriate CO ₂ concentration sampling cycle for MSW incinerators. Energy and Environment, 2020, 31, 535-544.	2.7	2
32	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
33	Development of Greenhouse Gas (CH ₄ and N ₂ O) Emission Factors for Anthracite Fired Power Plants in Korea. Journal of Korean Society for Atmospheric Environment, 2009, 25, 562-570.	0.2	2
34	Application of biomass fraction at industrial waste incinerator. Energy and Environment, 2019, 30, 707-718.	2.7	1
35	Fossil carbon fraction of industrial waste incineration and optimal cycle for measurement. Energy and Environment, 2020, 31, 1191-1199.	2.7	1
36	Key Factors in Measuring Ammonia Emissions with Dynamic Flux Chamber in Barns. Sustainability, 2020, 12, 6276.	1.6	1

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37	Analysis of Main Factors for CH ₄ Emission Factor Development in Manufacturing Industries and Construction Sector. <i>Energies</i> , 2020, 13, 1220.	1.6	1
38	Study on Enhanced Methods for Calculating NH ₃ Emissions from Fertilizer Application in Agriculture Sector. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11551.	1.2	1
39	Method and Characterization of Ammonia Emission Estimation in Open Houses. <i>Journal of Climate Change Research</i> , 2021, 12, 505-513.	0.1	1
40	Development of Ammonia Emission Factor for Industrial Waste Incineration Facilities Considering Incinerator Type. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5949.	1.2	1
41	Ammonia Emissions from NPK Fertilizer Production Plants: Emission Characteristics and Emission Factor Estimation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6703.	1.2	1
42	Comparison of GHG Emission Methods Calculated by Applying Biomass Fraction at Sewage Sludge Incinerators in Korea. <i>Sustainability</i> , 2019, 11, 3419.	1.6	0
43	Mixed Use of Bio-Oil in Oil Power Plants: Should It Be Considered When Developing NH ₃ Emission Factors?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4235.	1.2	0
44	Emission Factor Development and Characteristic Analysis of SRF. <i>Journal of Climate Change Research</i> , 2021, 12, 281-287.	0.1	0
45	CO ₂ Reduction Potential due to Expansion of Ultra Super-Critical Power Plants. <i>Journal of Climate Change Research</i> , 2020, 11, 713-717.	0.1	0
46	Characteristics of N ₂ O Emissions from Urea Fertilizer Application to Cabbage Fields. <i>Journal of Climate Change Research</i> , 2021, 12, 515-522.	0.1	0
47	Estimate of Ammonia Emission Factor in the Oil Refining Industry. <i>Journal of Climate Change Research</i> , 2022, 13, 305-309.	0.1	0
48	Comparative Study of Sampling and Measurement Methods for the Development of CH ₄ Emission Factors at MSW Incinerators. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8647.	1.2	0