

Lin-Chi Wang

List of Publications by Year in descending order

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145
papers

4,337
citations

109264

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138417

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147
all docs

147
docs citations

147
times ranked

3120
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview: Energy saving and pollution reduction by using green fuel blends in diesel engines. <i>Applied Energy</i> , 2015, 159, 214-236.	5.1	197
2	Green energy: Water-containing acetone-butanol-ethanol diesel blends fueled in diesel engines. <i>Applied Energy</i> , 2013, 109, 182-191.	5.1	174
3	An overview of regional experiments on biomass burning aerosols and related pollutants in Southeast Asia: From BASE-ASIA and the Dongsha Experiment to 7-SEAS. <i>Atmospheric Environment</i> , 2013, 78, 1-19.	1.9	166
4	Distribution of polybrominated diphenyl ethers (PBDEs) and polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) in municipal solid waste incinerators. <i>Environmental Pollution</i> , 2010, 158, 1595-1602.	3.7	123
5	Emissions of polychlorinated dibenzo-p-dioxins and dibenzofurans from stack flue gases of sinter plants. <i>Chemosphere</i> , 2003, 50, 1123-1129.	4.2	122
6	Effect of chlorine content in feeding wastes of incineration on the emission of polychlorinated dibenzo-p-dioxins/dibenzofurans. <i>Science of the Total Environment</i> , 2003, 302, 185-198.	3.9	117
7	Source Identification of PCDD/Fs for Various Atmospheric Environments in a Highly Industrialized City. <i>Environmental Science & Technology</i> , 2004, 38, 4937-4944.	4.6	117
8	Assessment of energy performance and air pollutant emissions in a diesel engine generator fueled with water-containing ethanol-biodiesel-diesel blend of fuels. <i>Energy</i> , 2011, 36, 5591-5599.	4.5	114
9	Characterizing the Emissions of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans from Crematories and Their Impacts to the Surrounding Environment. <i>Environmental Science & Technology</i> , 2003, 37, 62-67.	4.6	96
10	Characterizing the Emissions of Polybrominated Diphenyl Ethers (PBDEs) and Polybrominated Dibenzo-p-dioxins and Dibenzofurans (PBDD/Fs) from Metallurgical Processes. <i>Environmental Science & Technology</i> , 2010, 44, 1240-1246.	4.6	95
11	An Overview: Polycyclic Aromatic Hydrocarbon Emissions from the Stationary and Mobile Sources and in the Ambient Air. <i>Aerosol and Air Quality Research</i> , 2015, 15, 2730-2762.	0.9	93
12	Characterizing the Emissions of Polybrominated Dibenzo-p-dioxins and Dibenzofurans from Municipal and Industrial Waste Incinerators. <i>Environmental Science & Technology</i> , 2007, 41, 1159-1165.	4.6	89
13	Inhibition of Polybrominated Dibenzo-p-dioxin and Dibenzofuran Formation from the Pyrolysis of Printed Circuit Boards. <i>Environmental Science & Technology</i> , 2007, 41, 957-962.	4.6	72
14	Emission estimation and congener-specific characterization of polybrominated diphenyl ethers from various stationary and mobile sources. <i>Environmental Pollution</i> , 2010, 158, 3108-3115.	3.7	71
15	Effects of waste cooking oil-based biodiesel on the toxic organic pollutant emissions from a diesel engine. <i>Applied Energy</i> , 2014, 113, 631-638.	5.1	63
16	Effects of biodiesel, engine load and diesel particulate filter on nonvolatile particle number size distributions in heavy-duty diesel engine exhaust. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 282-289.	6.5	61
17	Characterization of Polybrominated Dibenzo-p-Dioxins and Dibenzofurans in Different Atmospheric Environments. <i>Environmental Science & Technology</i> , 2008, 42, 75-80.	4.6	60
18	Persistent organic pollutants in the Antarctic coastal environment and their bioaccumulation in penguins. <i>Environmental Pollution</i> , 2016, 216, 924-934.	3.7	60

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19	Influence of memory effect caused by aged bag filters on the stack PCDD/F emissions. <i>Journal of Hazardous Materials</i> , 2011, 185, 1148-1155.	6.5	58
20	Production of hydrogen by plasma-reforming of methanol. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 9637-9640.	3.8	56
21	Polybrominated diphenyl ethers in various atmospheric environments of Taiwan: Their levels, source identification and influence of combustion sources. <i>Chemosphere</i> , 2011, 84, 936-942.	4.2	56
22	Emissions of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans from Stack Gases of Electric Arc Furnaces and Secondary Aluminum Smelters. <i>Journal of the Air and Waste Management Association</i> , 2005, 55, 219-226.	0.9	54
23	An Overview of PCDD/F Inventories and Emission Factors from Stationary and Mobile Sources: What We Know and What is Missing. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2965-2988.	0.9	52
24	The sorption of persistent organic pollutants in microplastics from the coastal environment. <i>Journal of Hazardous Materials</i> , 2021, 420, 126658.	6.5	50
25	Influence of start-up on PCDD/F emission of incinerators. <i>Chemosphere</i> , 2007, 67, 1346-1353.	4.2	49
26	Effect of Temperature and CaO Addition on the Removal of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Fly Ash from a Medical Waste Incinerator. <i>Aerosol and Air Quality Research</i> , 2012, 12, 191-199.	0.9	48
27	Chemical Characterization of Fine Particulate Matter in Gasoline and Diesel Vehicle Exhaust. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1439-1449.	0.9	46
28	Atmospheric dry deposition of polychlorinated dibenzo-p-dioxins and dibenzofurans in the vicinity of municipal solid waste incinerators. <i>Journal of Hazardous Materials</i> , 2009, 162, 521-529.	6.5	45
29	Removal characteristics of PCDD/Fs by the dual bag filter system of a fly ash treatment plant. <i>Journal of Hazardous Materials</i> , 2008, 153, 1015-1022.	6.5	43
30	Comparisons of levels of polychlorinated dibenzo-p-dioxins/dibenzofurans in the surrounding environment and workplace of two municipal solid waste incinerators. <i>Journal of Hazardous Materials</i> , 2006, 137, 1817-1830.	6.5	41
31	Dry deposition of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in ambient air. <i>Chemosphere</i> , 2006, 62, 411-416.	4.2	40
32	The Emission and Distribution of PCDD/Fs in Municipal Solid Waste Incinerators and Coal-fired Power Plant. <i>Aerosol and Air Quality Research</i> , 2010, 10, 519-532.	0.9	40
33	Thermal treatment of polychlorinated dibenzo-p-dioxins and dibenzofurans from contaminated soils. <i>Journal of Hazardous Materials</i> , 2008, 160, 220-227.	6.5	39
34	Impact of high soot-loaded and regenerated diesel particulate filters on the emissions of persistent organic pollutants from a diesel engine fueled with waste cooking oil-based biodiesel. <i>Applied Energy</i> , 2017, 191, 35-43.	5.1	39
35	Emissions of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans from an Electric Arc Furnace, Secondary Aluminum Smelter, Crematory and Joss Paper Incinerators. <i>Aerosol and Air Quality Research</i> , 2011, 11, 13-20.	0.9	39
36	Emission of polycyclic aromatic hydrocarbons (PAHs) from the liquid injection incineration of petrochemical industrial wastewater. <i>Journal of Hazardous Materials</i> , 2007, 148, 296-302.	6.5	35

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37	Dry and Wet Depositions of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in the Atmosphere in Taiwan. <i>Aerosol and Air Quality Research</i> , 2010, 10, 378-390.	0.9	33
38	Overview and Perspectives on Emissions of Polybrominated Diphenyl Ethers on a Global Basis: Evaporative and Fugitive Releases from Commercial PBDE Mixtures and Emissions from Combustion Sources. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1117-1131.	0.9	33
39	Reducing Emissions of Persistent Organic Pollutants from a Diesel Engine by Fueling with Water-Containing Butanol Diesel Blends. <i>Environmental Science & Technology</i> , 2014, 48, 6010-6018.	4.6	32
40	Emissions of polychlorinated-p-dibenzo dioxin, dibenzofurans (PCDD/Fs) and polybrominated diphenyl ethers (PBDEs) from rice straw biomass burning. <i>Atmospheric Environment</i> , 2014, 94, 573-581.	1.9	32
41	Air Pollution Profiles and Health Risk Assessment of Ambient Volatile Organic Compounds above a Municipal Wastewater Treatment Plant, Taiwan. <i>Aerosol and Air Quality Research</i> , 2019, 19, 375-382.	0.9	32
42	Characterizing polychlorinated dibenzo-p-dioxins and dibenzofurans in the surrounding environment and workplace of a secondary aluminum smelter. <i>Atmospheric Environment</i> , 2004, 38, 3729-3732.	1.9	31
43	Gas/Particle Partitioning of Dioxins in Exhaust Gases from Automobiles. <i>Aerosol and Air Quality Research</i> , 2010, 10, 489-496.	0.9	31
44	Site-specific health risk assessment of dioxins and furans in an industrial region with numerous emission sources. <i>Journal of Hazardous Materials</i> , 2007, 145, 471-481.	6.5	30
45	Carbonaceous composition changes of heavy-duty diesel engine particles in relation to biodiesels, aftertreatments and engine loads. <i>Journal of Hazardous Materials</i> , 2015, 297, 234-240.	6.5	30
46	Comparative investigation of coal- and oil-fired boilers based on emission factors, ozone and secondary organic aerosol formation potentials of VOCs. <i>Journal of Environmental Sciences</i> , 2020, 92, 245-255.	3.2	30
47	Distribution of Polybrominated Dibenzo-p-dioxins and Dibenzofurans and Polybrominated Diphenyl Ethers in a Coal-fired Power Plant and Two Municipal Solid Waste Incinerators. <i>Aerosol and Air Quality Research</i> , 2011, 11, 596-615.	0.9	30
48	Atmospheric concentrations of persistent organic pollutants over the Pacific Ocean near southern Taiwan and the northern Philippines. <i>Science of the Total Environment</i> , 2014, 491-492, 51-59.	3.9	29
49	Characteristics and Source Apportionment of Atmospheric PM _{2.5} at a Coastal City in Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1022-1034.	0.9	29
50	Exposure and health-risk assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) for sinter plant workers. <i>Environment International</i> , 2008, 34, 102-107.	4.8	28
51	Polychlorinated dibenzo-p-dioxins/dibenzofuran mass distribution in both start-up and normal condition in the whole municipal solid waste incinerator. <i>Journal of Hazardous Materials</i> , 2008, 160, 37-44.	6.5	28
52	Characteristics of Heavy Metals Emitted from a Heavy Oil-Fueled Power Plant in Northern Taiwan. <i>Aerosol and Air Quality Research</i> , 2010, 10, 111-118.	0.9	28
53	Emissions of polycyclic aromatic hydrocarbons from fluidized and fixed bed incinerators disposing petrochemical industrial biological sludge. <i>Journal of Hazardous Materials</i> , 2009, 168, 438-444.	6.5	27
54	The size distribution of polychlorinated dibenzo-p-dioxins and dibenzofurans in the bottom ash of municipal solid waste incinerators. <i>Chemosphere</i> , 2006, 65, 514-520.	4.2	26

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55	Emissions of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans from the Incinerations of Both Medical and Municipal Solid Wastes. <i>Aerosol and Air Quality Research</i> , 2003, 3, 1-6.	0.9	25
56	Dry and Wet Deposition of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans on the Drinking Water Treatment Plant. <i>Aerosol and Air Quality Research</i> , 2010, 10, 231-244.	0.9	25
57	Toxicity Evaluation of Fly Ash by Microtox [®] . <i>Aerosol and Air Quality Research</i> , 2013, 13, 1002-1008.	0.9	25
58	Characterization of dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in the atmosphere of different workplaces of a sinter plant. <i>Science of the Total Environment</i> , 2006, 366, 197-205.	3.9	23
59	Comparsion of PAH Emission from a Municipal Waste Incinerator and Mobile Sources. <i>Aerosol and Air Quality Research</i> , 2001, 1, 83-90.	0.9	23
60	Emissions of Polychlorinated Dibenzo-p-dioxin and Polychlorinated Dibenzofuran from Motorcycles. <i>Aerosol and Air Quality Research</i> , 2010, 10, 533-539.	0.9	23
61	Reduction of Toxic Pollutants Emitted from Heavy-duty Diesel Vehicles by Deploying Diesel Particulate Filters. <i>Aerosol and Air Quality Research</i> , 2011, 11, 709-715.	0.9	23
62	Atmospheric Dry Deposition of Polychlorinated Dibenzo-p-Dioxins/Dibenzofurans (PCDD/Fs) and Polychlorinated Biphenyls (PCBs) in Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2012, 12, 1016-1029.	0.9	23
63	Assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans contribution from different media to surrounding duck farms. <i>Journal of Hazardous Materials</i> , 2009, 163, 1185-1193.	6.5	22
64	Monitoring and Identification of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in the Ambient Central Taiwan. <i>Aerosol and Air Quality Research</i> , 2010, 10, 463-471.	0.9	22
65	Removal of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans in Flue Gases by Venturi Scrubber and Bag Filter. <i>Aerosol and Air Quality Research</i> , 2004, 4, 27-37.	0.9	21
66	Fate and Distribution of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in a Woodchip-fuelled Boiler. <i>Aerosol and Air Quality Research</i> , 2011, 11, 282-289.	0.9	21
67	Fate of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans during the Thermal Treatment of Electric Arc Furnace Fly Ash. <i>Aerosol and Air Quality Research</i> , 2011, 11, 584-595.	0.9	21
68	Particle size distributions and health-related exposures of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) of sinter plant workers. <i>Chemosphere</i> , 2009, 74, 1463-1470.	4.2	20
69	Influence of the Southeast Asian biomass burnings on the atmospheric persistent organic pollutants observed at near sources and receptor site. <i>Atmospheric Environment</i> , 2013, 78, 184-194.	1.9	20
70	The impact of low to high waste cooking oil-based biodiesel blends on toxic organic pollutant emissions from heavy-duty diesel engines. <i>Chemosphere</i> , 2019, 235, 726-733.	4.2	20
71	Effects of experimental parameters on NF3 decomposition fraction in an oxygen-based RF plasma environment. <i>Chemosphere</i> , 2004, 57, 1157-1163.	4.2	19
72	Energy Recovery and Emissions of PBDD/Fs and PBDEs from Co-combustion of Woodchip and Wastewater Sludge in an Industrial Boiler. <i>Environmental Science & Technology</i> , 2013, 47, 12600-12606.	4.6	19

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73	Ambient air concentrations of PCDD/Fs, coplanar PCBs, PBDD/Fs, and PBDEs and their impacts on vegetation and soil. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 2997-3008.	1.8	19
74	Validation and Characterization of Persistent Organic Pollutant Emissions from Stack Flue Gases of an Electric Arc Furnace by Using a Long-Term Sampling System (AMESAA®). <i>Aerosol and Air Quality Research</i> , 2014, 14, 185-196.	0.9	19
75	Effect of Exhaust Gas Recirculation Rate on the Emissions of Persistent Organic Pollutants from a Diesel Engine. <i>Aerosol and Air Quality Research</i> , 2019, 19, 812-819.	0.9	19
76	Atmospheric PM _{2.5} and Depositions of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Kaohsiung Area, Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1775-1791.	0.9	18
77	VOCs emission characteristics in motorcycle exhaust with different emission control devices. <i>Atmospheric Pollution Research</i> , 2019, 10, 1498-1506.	1.8	18
78	Validation of the CALUX bioassay as a screening and semi-quantitative method for PCDD/F levels in cow's milk. <i>Journal of Hazardous Materials</i> , 2008, 154, 1166-1172.	6.5	17
79	Emission factors and congener-specific characterization of PCDD/Fs, PCBs, PBDD/Fs and PBDEs from an off-road diesel engine using waste cooking oil-based biodiesel blends. <i>Journal of Hazardous Materials</i> , 2017, 339, 274-280.	6.5	17
80	Characterization of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans in the Stack Flue Gas of a Municipal Solid Waste Incinerator, in the Ambient Air, and in the Banyan Leaf. <i>Aerosol and Air Quality Research</i> , 2005, 5, 171-184.	0.9	17
81	Thermal Formation of Polybrominated Diphenyl Ethers in Raw and Water-Washed Fly Ash. <i>Aerosol and Air Quality Research</i> , 2011, 11, 393-400.	0.9	17
82	Reduction of Persistent Organic Pollutant Emissions during Incinerator Start-up by Using Crude Waste Cooking Oil as an Alternative Fuel. <i>Aerosol and Air Quality Research</i> , 2017, 17, 899-912.	0.9	17
83	Distribution of polychlorinated dibenzo-p-dioxins and dibenzofurans in the landfill site for solidified monoliths of fly ash. <i>Journal of Hazardous Materials</i> , 2006, 133, 177-182.	6.5	16
84	Emissions of PCDD/Fs and PCBs during the Cold Start-up of Municipal Solid Waste Incinerators. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1593-1604.	0.9	16
85	Potential Method for Reducing Emissions of Polycyclic Aromatic Hydrocarbons from the Incineration of Biological Sludge for the Terephthalic Acid Manufacturing Industry. <i>Environmental Science & Technology</i> , 2002, 36, 3420-3425.	4.6	15
86	Size Distribution of Airborne Fungi in Vehicles Under Various Driving Conditions. <i>Archives of Environmental and Occupational Health</i> , 2013, 68, 95-100.	0.7	15
87	Atmospheric Deposition of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans at Coastal and High Mountain Areas in Taiwan. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1390-1411.	0.9	15
88	Chemical and physical properties of plasma slags containing various amorphous volume fractions. <i>Journal of Hazardous Materials</i> , 2009, 162, 469-475.	6.5	14
89	Impact of Magnetic Tube on Pollutant Emissions from the Diesel Engine. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1097-1104.	0.9	14
90	An integrated approach for identification of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) pollutant sources based on human blood contents. <i>Environmental Science and Pollution Research</i> , 2010, 17, 759-769.	2.7	13

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91	Effect of biomass open burning on particulate matter and polycyclic aromatic hydrocarbon concentration levels and PAH dry deposition in ambient air. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 188-197.	0.9	13
92	Characterization of Atmospheric Dry Deposition of Polychlorinated Dibenzo-p-dioxins/Dibenzofuran in a Rural Area of Taiwan. <i>Aerosol and Air Quality Research</i> , 2011, 11, 448-459.	0.9	13
93	Monitoring and Dispersion Modeling of Polybrominated Diphenyl Ethers (PBDEs) in the Ambient Air of Two Municipal Solid Waste Incinerators and a Coal-fired Power Plant. <i>Aerosol and Air Quality Research</i> , 2012, 12, 113-122.	0.9	13
94	Memory Effects of Polychlorinated Dibenzo-p-dioxin and Furan Emissions in a Laboratory Waste Incinerator. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1168-1178.	0.9	13
95	Atmospheric PM _{2.5} and Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Taiwan. <i>Aerosol and Air Quality Research</i> , 2018, 18, 762-779.	0.9	13
96	PAH emission from a gasoline-powered engine. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1996, 31, 1981-2003.	0.1	12
97	Emissions of polychlorinated dibenzo-p-dioxins and dibenzofurans from a heavy oil-fueled power plant in northern Taiwan. <i>Journal of Hazardous Materials</i> , 2009, 163, 266-272.	6.5	12
98	Correcting the gas and particle partitioning of PCDD/F congeners in the flue gas of an iron ore sinter plant. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 402-407.	6.5	12
99	Atmospheric PM _{2.5} Characteristics and Long-Term Trends in Tainan City, Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2488-2511.	0.9	12
100	Emissions of Polybrominated Diphenyl Ethers during the Thermal Treatment for Electric Arc Furnace Fly Ash. <i>Aerosol and Air Quality Research</i> , 2012, 12, 237-250.	0.9	12
101	Mercury Emissions from a Coal-Fired Power Plant and Their Impact on the Nearby Environment. <i>Aerosol and Air Quality Research</i> , 2012, 12, 643-650.	0.9	12
102	A Feasible Approach to Quantify Fugitive VOCs from Petrochemical Processes by Integrating Open-Path Fourier Transform Infrared Spectrometry Measurements and Industrial Source Complex (ISC) Dispersion Model. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1110-1117.	0.9	12
103	Effects of Selective Catalytic Reduction on the Emissions of Persistent Organic Pollutants from a Heavy-Duty Diesel Engine. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1658-1665.	0.9	12
104	Effects of injected activated carbon and solidification treatment on the leachability of polychlorinated dibenzo-p-dioxins and dibenzofurans from air pollution control residues of municipal waste incineration. <i>Chemosphere</i> , 2007, 67, 1394-1402.	4.2	11
105	Atmospheric Concentrations and Dry Deposition of Polybrominated Diphenyl Ethers in Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2012, 12, 1135-1145.	0.9	11
106	Effects of road grade on real-world tailpipe emissions of regulated gaseous pollutants and volatile organic compounds for a Euro 5 motorcycle. <i>Atmospheric Pollution Research</i> , 2021, 12, 101167.	1.8	11
107	The Influences of Diesel Particulate Filter Installation on Air Pollutant Emissions for Used Vehicles. <i>Aerosol and Air Quality Research</i> , 2011, 11, 578-583.	0.9	11
108	Atmospheric deposition of polychlorinated dibenzo-p-dioxins and dibenzofurans on the soils in the vicinity of municipal solid waste incinerators. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 1327-1334.	0.9	10

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109	Uptake of polychlorinated dibenzo- <i>p</i> -dioxins and dibenzofurans in laying ducks. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 799-807.	0.9	10
110	Cluster Analysis for Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans Concentrations in Southern Taiwan. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 1474-1480.	0.9	9
111	Emission of Carbonyl Compounds from Cooking Oil Fumes in the Night Market Areas. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1566-1578.	0.9	9
112	Feasible and effective control strategies on extreme emissions of chlorinated persistent organic pollutants during the start-up processes of municipal solid waste incinerators. <i>Environmental Pollution</i> , 2020, 267, 115469.	3.7	8
113	The PCDD/F Removal Efficiency of a Medical Waste Incinerator Dual-Bag Filter System. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1223-1231.	0.9	8
114	Source Identification of VOCs in a Petrochemical Complex by Applying Open-Path Fourier Transform Infrared Spectrometry. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1630-1638.	0.9	8
115	Emissions of polychlorinated diphenyl ethers from a municipal solid waste incinerator during the start-up operation. <i>Journal of Hazardous Materials</i> , 2015, 299, 206-214.	6.5	7
116	Part II: PM _{2.5} and Polychlorinated Dibenzo- <i>p</i> -dioxins and Dibenzofurans (PCDD/Fs) in the Ambient Air of Northern China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2010-2026.	0.9	7
117	Atmospheric PM _{2.5} and total PCDD/Fs-WHO2005-TEQ Level: A Case of Handan and Kaifeng Cities, China. <i>Aerosol and Air Quality Research</i> , 2018, 18, 994-1007.	0.9	7
118	Contributions of dry and wet depositions of polychlorinated dibenzo- <i>p</i> -dioxins and dibenzofurans to a contaminated site resulting from a pentachlorophenol manufacturing process. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 475-485.	1.3	6
119	Wet Deposition of Polychlorinated Dibenzo- <i>p</i> -dioxins/Dibenzofuran in a Rural Area of Taiwan. <i>Aerosol and Air Quality Research</i> , 2011, 11, 732-748.	0.9	6
120	Influences of Waste Cooking Oil-Based Biodiesel Blends on PAH and PCDD/F Emissions from Diesel Engines in Durability Testing Cycle. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1224-1233.	0.9	6
121	Size distribution and leaching characteristics of poly brominated diphenyl ethers (PBDEs) in the bottom ashes of municipal solid waste incinerators. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4614-4623.	2.7	5
122	Distribution of Polybrominated Diphenyl Ethers (PBDEs) in a Fly Ash Treatment Plant. <i>Aerosol and Air Quality Research</i> , 2012, 12, 1345-1354.	0.9	5
123	Atmospheric Arsenic Deposition in Chiayi County in Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2013, 13, 932-942.	0.9	5
124	Infants' Neurodevelopmental Effects of PM _{2.5} and Persistent Organohalogen Pollutants Exposure in Southern Taiwan. <i>Aerosol and Air Quality Research</i> , 2019, 19, 2793-2803.	0.9	5
125	Long-term metal fume exposure assessment of workers in a shipbuilding factory. <i>Scientific Reports</i> , 2022, 12, 790.	1.6	5
126	Dry deposition of pahs in the ambient air of central Taiwan. <i>Toxicological and Environmental Chemistry</i> , 1997, 62, 35-47.	0.6	4

#	ARTICLE	IF	CITATIONS
127	Emission of polycyclic aromatic hydrocarbons from the medical waste incinerators. <i>Journal of Aerosol Science</i> , 1997, 28, S549-S550.	1.8	4
128	Quasi-dynamic leaching characteristics of polychlorinated dibenzo-p-dioxins and dibenzofurans from raw and solidified waste incineration residues. <i>Chemosphere</i> , 2008, 71, 284-293.	4.2	4
129	Metal interference on luciferase activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in bioassays of recombinant mouse hepatoma cells. <i>Journal of Hazardous Materials</i> , 2009, 165, 881-885.	6.5	4
130	Partition of polychlorinated dibenzo-p-dioxins and dibenzofurans distribution in water in both suspended solid and dissolved phases. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 183-191.	0.9	4
131	Long-term monitoring and modeling of polychlorinated dibenzo-p-dioxins and dibenzofurans from municipal solid waste incinerators and surrounding area in northern Taiwan. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10751-10764.	2.7	4
132	Submerged arc furnace process superior to the Waelz process in reducing PCDD/F emission during thermal treatment of electric arc furnace dust. <i>Science of the Total Environment</i> , 2014, 466-467, 598-603.	3.9	4
133	Utilization and Improvement of the Adsorption Method for Sampling PCDD/Fs from a Sinter Plant. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1917-1932.	0.9	4
134	Effects of Retarding Fuel Injection Timing on Toxic Organic Pollutant Emissions from Diesel Engines. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1346-1354.	0.9	4
135	Control of extreme brominated persistent organic pollutant emissions from start-ups of waste-to-energy incinerators. <i>Journal of Cleaner Production</i> , 2022, 345, 131108.	4.6	4
136	Removal efficiencies of PAHs by the electrostatic precipitator and wet scrubber. <i>Journal of Aerosol Science</i> , 1998, 29, S1081-S1082.	1.8	3
137	PBDE Emissions during the Start-up Procedure of an Industrial Waste Incinerator by the Co-Combustion of Waste Cooking Oil and Diesel Fuel. <i>Aerosol and Air Quality Research</i> , 2017, 17, 975-989.	0.9	3
138	Occurrence and emission of polycyclic aromatic hydrocarbons from water treatment plant sludge in Taiwan. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1190-1200.	1.2	2
139	Sensitivity Analyses for the Atmospheric Dry Deposition of Total PCDD/Fs-TEQ for Handan and Kaifeng Cities, China. <i>Aerosol and Air Quality Research</i> , 2018, 18, 1255-1269.	0.9	2
140	Newer Generation of Scooters: Polychlorinated Dibenzo-p-dioxin and Dibenzofuran and Polychlorinated Biphenyl Reductions. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1495-1509.	0.9	2
141	Elevated emissions of volatile and nonvolatile nanoparticles from heavy-duty diesel engine running on diesel-gas co-fuels. <i>Science of the Total Environment</i> , 2022, 821, 153459.	3.9	2
142	Preface to Special Issue - Observation, Control Technologies and Impact Studies of POPs. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1101-1101.	0.9	1
143	Dust Agglomeration in an Electrostatic Precipitator. <i>Aerosol and Air Quality Research</i> , 2021, 21, 210145.	0.9	1
144	PAH Aerosol emission from a gasoline-powered engine. , 1996, , 504-507.		0

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145	Characterizing Real-World Particle-Bound Polycyclic Aromatic Hydrocarbon Emissions from Diesel-Fueled Construction Machines. <i>Atmosphere</i> , 2022, 13, 766.	1.0	0