

# Minghui Zheng

## List of Publications by Year in descending order

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169  
papers

5,045  
citations

76326

40  
h-index

144013

57  
g-index

172  
all docs

172  
docs citations

172  
times ranked

2656  
citing authors

1	Model Evaluation of Indoor Exposure to Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans and Polycyclic Aromatic Hydrocarbons from Household Fuel Combustion in Rural Areas of Tibetan Plateau. Exposure and Health, 2023, 15, 145-159.	4.9	1
2	Indoor Exposure to Products of Incomplete Combustion of Household Fuels in Rural Tibetan Plateau. Environmental Science & Technology, 2022, 56, 4711-4714.	10.0	11
3	Critical influences of metal compounds on the formation and stabilization of environmentally persistent free radicals. Chemical Engineering Journal, 2022, 427, 131666.	12.7	28
4	Congener profiles and process distributions of polychlorinated biphenyls, polychlorinated naphthalenes and chlorinated polycyclic aromatic hydrocarbons from secondary copper smelting. Journal of Hazardous Materials, 2022, 423, 127125.	12.4	16
5	Concentrations, homolog profiles, and risk assessment of short- and medium-chain chlorinated paraffins in soil around factories in a non-ferrous metal recycling park. Environmental Pollution, 2022, 293, 118456.	7.5	10
6	Legacy and emerging flame retardants: A global outlook. Chemosphere, 2022, 291, 132877.	8.2	3
7	Model framework to quantify the effectiveness of garbage classification in reducing dioxin emissions. Science of the Total Environment, 2022, 814, 151941.	8.0	11
8	Occurrence of chlorinated and brominated polycyclic aromatic hydrocarbons from electric arc furnace for steelmaking. Environmental Pollution, 2022, 294, 118663.	7.5	1
9	Identification of emerging organic pollutants from solid waste incinerations by FT-ICR-MS and GC/Q-TOF-MS and their potential toxicities. Journal of Hazardous Materials, 2022, 428, 128220.	12.4	14
10	Source identification, contamination status and health risk assessment of heavy metals from road dusts in Dhaka, Bangladesh. Journal of Environmental Sciences, 2022, 121, 159-174.	6.1	19
11	Exposure to Chlorinated Paraffins in the Sixth Total Diet Study &lt;i>&lt;/i> China, 2016&lt;/i>2019. China CDC Weekly, 2022, 4, 172-175.	2.3	7
12	Screening of ToxCast Chemicals Responsible for Human Adverse Outcomes with Exposure to Ambient Air. Environmental Science & Technology, 2022, 56, 7288-7297.	10.0	13
13	Synergetic promoting/inhibiting mechanisms of copper/calcium compounds in the formation of persistent organic pollutants and environmentally persistent free radicals from anthracene. Chemical Engineering Journal, 2022, 441, 136102.	12.7	6
14	Comprehensive Evaluation of Dietary Exposure and Health Risk of Polychlorinated Naphthalenes. Environmental Science & Technology, 2022, 56, 5520-5529.	10.0	21
15	Worldwide cases of water pollution by emerging contaminants: a review. Environmental Chemistry Letters, 2022, 20, 2311-2338.	16.2	117
16	Discovery of significant atmospheric emission of halogenated polycyclic aromatic hydrocarbons from secondary zinc smelting. Ecotoxicology and Environmental Safety, 2022, 238, 113594.	6.0	1
17	Method development for determination of polyhalogenated carbazoles in industrial waste through gas chromatography/triple quadrupole tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9324.	1.5	4
18	Recognition and Health Impacts of Organic Pollutants with Significantly Different Proportions in the Gas Phase and Size-Fractionated Particulate Phase in Ambient Air. Environmental Science & Technology, 2022, 56, 7153-7162.	10.0	6

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19	Variation in the formation characteristics of PBDD/F, brominated PAH, and PBDE congeners along the secondary copper smelting processes. <i>Journal of Hazardous Materials</i> , 2022, 439, 129602.	12.4	0
20	Molecular characteristics, sources and environmental risk of aromatic compounds in particulate matter during COVID-2019: Nontarget screening by ultra-high resolution mass spectrometry and comprehensive two-dimensional gas chromatography. <i>Environment International</i> , 2022, 167, 107421.	10.0	3
21	Hexachlorobutadiene emissions from typical chemical plants. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	6
22	Toxicology and environmental chemistry of halogenated organic pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111573.	6.0	2
23	Recognition of the molecular characterization and mechanisms of heterogeneously formed organic pollutants from metallurgical industries by FT-ICR-MS and GC/Q-TOF-MS. <i>Journal of Hazardous Materials</i> , 2021, 406, 124603.	12.4	7
24	Organic pollutants from electric arc furnaces in steelmaking: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1509-1523.	16.2	3
25	Nontarget Screening of Polycyclic Aromatic Compounds in Atmospheric Particulate Matter Using Ultrahigh Resolution Mass Spectrometry and Comprehensive Two-Dimensional Gas Chromatography. <i>Environmental Science &amp; Technology</i> , 2021, 55, 109-119.	10.0	28
26	Characterizing the emissions of polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) from electric arc furnaces during steel-making. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111722.	6.0	4
27	Polychlorinated Biphenyl Emissions from Steelmaking Electric Arc Furnaces. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 670-675.	2.7	6
28	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-111.	0.5	3
29	Bridging the Energy Benefit and POPs Emission Risk from Waste Incineration. <i>Innovation(China)</i> , 2021, 2, 100075.	9.1	4
30	Photoinduced formation of persistent free radicals, hydrogen radicals, and hydroxyl radicals from catechol on atmospheric particulate matter. <i>IScience</i> , 2021, 24, 102193.	4.1	24
31	Burden and Risk of Polychlorinated Naphthalenes in Chinese Human Milk and a Global Comparison of Human Exposure. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6804-6813.	10.0	22
32	Assessment of personal exposure to environmentally persistent free radicals in airborne particulate matter. <i>Journal of Hazardous Materials</i> , 2021, 409, 125014.	12.4	20
33	Formation of Environmentally Persistent Free Radicals during Thermochemical Processes and their Correlations with Unintentional Persistent Organic Pollutants. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6529-6541.	10.0	25
34	Formation of environmentally persistent free radicals from thermochemical reactions of catechol. <i>Science of the Total Environment</i> , 2021, 772, 145313.	8.0	14
35	Occurrence, profiles, and control of unintentional POPs in the steelmaking industry: A review. <i>Science of the Total Environment</i> , 2021, 773, 145692.	8.0	15
36	Highly elevated levels, infant dietary exposure and health risks of medium-chain chlorinated paraffins in breast milk from China: Comparison with short-chain chlorinated paraffins. <i>Environmental Pollution</i> , 2021, 279, 116922.	7.5	14

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37	Environmental characteristics and formations of polybrominated dibenzo-p-dioxins and dibenzofurans. <i>Environment International</i> , 2021, 152, 106450.	10.0	22
38	Resurgence of Sandstorms Complicates China's Air Pollution Situation. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11467-11469.	10.0	17
39	Occurrences, congener group profiles, and risk assessment of short- and medium-chain chlorinated paraffins in cup instant noodles from China. <i>Chemosphere</i> , 2021, 279, 130503.	8.2	11
40	Profiles, spatial distributions and inventory of brominated dioxin and furan emissions from secondary nonferrous smelting industries in China. <i>Journal of Hazardous Materials</i> , 2021, 419, 126415.	12.4	6
41	Insights into the Formation and Profile of Chlorinated Polycyclic Aromatic Hydrocarbons during Chlorobenzene and Chloroethylene Manufacturing Processes. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15929-15939.	10.0	6
42	Chlorinated and brominated polycyclic aromatic hydrocarbons: Sources, formation mechanisms, and occurrence in the environment. <i>Progress in Energy and Combustion Science</i> , 2020, 76, 100803.	31.2	64
43	Occurrence and Environmental Stability of Aristolochic Acids in Groundwater Collected from Serbia: Links to Human Exposure and Balkan Endemic Nephropathy. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1554-1561.	10.0	46
44	Polychlorinated naphthalenes in human milk: Health risk assessment to nursing infants and source analysis. <i>Environment International</i> , 2020, 136, 105436.	10.0	40
45	Inventory of Polychlorinated Naphthalene Emissions from Waste Incineration and Metallurgical Sources in China. <i>Environmental Science &amp; Technology</i> , 2020, 54, 842-850.	10.0	27
46	Levels and characteristics of polychlorinated biphenyls in surface sediments of the Chaobai river, a source of drinking water for Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109922.	6.0	10
47	Concentrations of and risks posed by short-chain and medium-chain chlorinated paraffins in soil at a chemical industrial park on the southeast coast of China. <i>Environmental Pollution</i> , 2020, 258, 113704.	7.5	17
48	Determination of Aristolochic Acids in Vegetables: Nephrotoxic and Carcinogenic Environmental Pollutants Contaminating a Broad Swath of the Food Supply and Driving Incidence of Balkan Endemic Nephropathy. <i>Chemical Research in Toxicology</i> , 2020, 33, 2446-2454.	3.3	17
49	Short- and Medium-Chain Chlorinated Paraffins in Foods from the Sixth Chinese Total Diet Study: Occurrences and Estimates of Dietary Intakes in South China. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9043-9051.	5.2	31
50	Concentrations and profiles of persistent organic pollutants unintentionally produced by secondary nonferrous metal smelters: Updated emission factors and diagnostic ratios for identifying sources. <i>Chemosphere</i> , 2020, 255, 126958.	8.2	20
51	Recent advances in the removal of persistent organic pollutants (POPs) using multifunctional materials: a review. <i>Environmental Pollution</i> , 2020, 265, 114908.	7.5	65
52	Spatial distributions and homolog profiles of chlorinated nonane paraffins, and short and medium chain chlorinated paraffins in soils from Yunnan, China. <i>Chemosphere</i> , 2020, 247, 125855.	8.2	15
53	New classes of organic pollutants in the remote continental environment – Chlorinated and brominated polycyclic aromatic hydrocarbons on the Tibetan Plateau. <i>Environment International</i> , 2020, 137, 105574.	10.0	36
54	Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitorers of Their Sources and Transportation. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2314-2322.	10.0	20

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55	Variations of PCDD/Fs emissions from secondary nonferrous smelting plants and towards to their source emission reduction. <i>Environmental Pollution</i> , 2020, 260, 113946.	7.5	14
56	Risk evaluation of environmentally persistent free radicals in airborne particulate matter and influence of atmospheric factors. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110571.	6.0	29
57	Non-target screening of organic pollutants and target analysis of halogenated polycyclic aromatic hydrocarbons in the atmosphere around metallurgical plants by high-resolution GC/Q-TOF-MS. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	14
58	Unintentional persistent organic pollutants in cement kilns co-processing solid wastes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109373.	6.0	25
59	Polychlorinated naphthalene (PCN) emissions and characteristics during different secondary copper smelting stages. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109674.	6.0	5
60	Persistent organic pollutants in typical lake ecosystems. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 668-678.	6.0	47
61	Toxicology and Environmental Characteristics of emerging pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 264.	6.0	3
62	Characterization of short- and medium-chain chlorinated paraffins in cereals and legumes from 19 Chinese provinces. <i>Chemosphere</i> , 2019, 226, 282-289.	8.2	37
63	Bioaccessibility of short chain chlorinated paraffins in meat and seafood. <i>Science of the Total Environment</i> , 2019, 668, 996-1003.	8.0	17
64	Thermochemical formation of multiple unintentional persistent organic pollutants on metallurgical fly ash and their correlations. <i>Chemosphere</i> , 2019, 226, 492-501.	8.2	20
65	Identification and evaluation of chlorinated nonane paraffins in the environment: A persistent organic pollutant candidate for the Stockholm Convention?. <i>Journal of Hazardous Materials</i> , 2019, 371, 449-455.	12.4	29
66	Gas chromatography-Orbitrap mass spectrometry screening of organic chemicals in fly ash samples from industrial sources and implications for understanding the formation mechanisms of unintentional persistent organic pollutants. <i>Science of the Total Environment</i> , 2019, 664, 107-115.	8.0	32
67	Photochemical conversion of toluene in simulated atmospheric matrix and characterization of large molecular weight products by +APPI FT-ICR MS. <i>Science of the Total Environment</i> , 2019, 649, 111-119.	8.0	9
68	Spatial distributions and transport implications of short- and medium-chain chlorinated paraffins in soils and sediments from an e-waste dismantling area in China. <i>Science of the Total Environment</i> , 2019, 649, 821-828.	8.0	50
69	A novel computational solution to the health risk assessment of air pollution via joint toxicity prediction: A case study on selected PAH binary mixtures in particulate matters. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 427-435.	6.0	14
70	Emission characteristics of 99 NMVOCs in different seasonal days and the relationship with air quality parameters in Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 797-806.	6.0	33
71	Brominated dioxins and furans in a cement kiln co-processing municipal solid waste. <i>Journal of Environmental Sciences</i> , 2019, 79, 339-345.	6.1	25
72	Factors that affect polychlorinated naphthalenes formation and distribution during the heating of sucralose. <i>Food Chemistry</i> , 2019, 276, 397-401.	8.2	6

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73	Sustainable superior function of the synthesized Ni <sub>x</sub> Co <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> nanosphere on the destruction of chlorinated biphenyls in the effluent. <i>Journal of Hazardous Materials</i> , 2018, 344, 64-72.	12.4	5
74	Thermochemical formation of polychlorinated dibenzo-p-dioxins and dibenzofurans on the fly ash matrix from metal smelting sources. <i>Chemosphere</i> , 2018, 191, 825-831.	8.2	17
75	Short- and medium-chain chlorinated paraffins in aquatic foods from 18 Chinese provinces: Occurrence, spatial distributions, and risk assessment. <i>Science of the Total Environment</i> , 2018, 615, 1199-1206.	8.0	65
76	Response to Comment on “Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy”. <i>Environmental Science &amp; Technology</i> , 2018, 52, 360-361.	10.0	0
77	Dietary exposure to short- and medium-chain chlorinated paraffins in meat and meat products from 20 provinces of China. <i>Environmental Pollution</i> , 2018, 233, 439-445.	7.5	67
78	Size distribution and sorption of polychlorinated biphenyls during haze episodes. <i>Atmospheric Environment</i> , 2018, 173, 38-45.	4.1	18
79	The Regular/Persistent Free Radicals and Associated Reaction Mechanism for the Degradation of 1,2,4-Trichlorobenzene over Different MnO <sub>2</sub> Polymorphs. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13351-13360.	10.0	57
80	Fatty acids, polychlorinated dibenzo-p-dioxins and dibenzofurans, and dioxin-like polychlorinated biphenyls in paired muscle and skin from fish from the Bohai coast, China: Benefits and risks associated with fish consumption. <i>Science of the Total Environment</i> , 2018, 639, 952-960.	8.0	15
81	Mass Fractions, Congener Group Patterns, and Placental Transfer of Short- and Medium-Chain Chlorinated Paraffins in Paired Maternal and Cord Serum. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10097-10103.	10.0	75
82	Source identification and quantification of chlorinated and brominated polycyclic aromatic hydrocarbons from cement kilns co-processing solid wastes. <i>Environmental Pollution</i> , 2018, 242, 1346-1352.	7.5	34
83	Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons from Metallurgical Plants. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7334-7342.	10.0	48
84	Atmospheric occurrence and health risks of PCDD/Fs, polychlorinated biphenyls, and polychlorinated naphthalenes by air inhalation in metallurgical plants. <i>Science of the Total Environment</i> , 2017, 580, 1146-1154.	8.0	39
85	Field study and theoretical evidence for the profiles and underlying mechanisms of PCDD/F formation in cement kilns co-incinerating municipal solid waste and sewage sludge. <i>Waste Management</i> , 2017, 61, 337-344.	7.4	37
86	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2838-2845.	10.0	42
87	Unintentional production of persistent chlorinated and brominated organic pollutants during iron ore sintering processes. <i>Journal of Hazardous Materials</i> , 2017, 331, 63-70.	12.4	42
88	Evaluation of dioxins and dioxin-like compounds from a cement plant using carbide slag from chlor-alkali industry as the major raw material. <i>Journal of Hazardous Materials</i> , 2017, 330, 135-141.	12.4	57
89	Synthesis of three crystalline forms of Al <sub>2</sub> O <sub>3</sub> featuring rod-like fibers and their effect on the gaseous degradation of 1-chloronaphthalene. <i>Environmental Science: Nano</i> , 2017, 4, 994-1004.	4.3	9
90	Profiles of polychlorinated biphenyls (PCBs) in cement kilns co-processing solid waste. <i>Chemosphere</i> , 2017, 174, 165-172.	8.2	20

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91	Profiles, sources and potential exposures of parent, chlorinated and brominated polycyclic aromatic hydrocarbons in haze associated atmosphere. <i>Science of the Total Environment</i> , 2017, 593-594, 390-398.	8.0	61
92	Characterization of short- and medium-chain chlorinated paraffins in outdoor/indoor PM10/PM2.5/PM1.0 in Beijing, China. <i>Environmental Pollution</i> , 2017, 225, 674-680.	7.5	46
93	Highly Elevated Levels and Particle-Size Distributions of Environmentally Persistent Free Radicals in Haze-Associated Atmosphere. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7936-7944.	10.0	98
94	Congener-specific determination of ultratrace levels of chlorinated and brominated polycyclic aromatic hydrocarbons in atmosphere and industrial stack gas by isotopic dilution gas chromatography/high resolution mass spectrometry method. <i>Journal of Chromatography A</i> , 2017, 1509, 114-122.	3.7	44
95	Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4999-5007.	10.0	51
96	Degradation of one-side fully-chlorinated 1,2,3,4-tetrachloronaphthalene over Fe-Al composite oxides and its hypothesized reaction mechanism. <i>RSC Advances</i> , 2017, 7, 17577-17585.	3.6	3
97	Human Exposure to Short- and Medium-Chain Chlorinated Paraffins via Mothers' Milk in Chinese Urban Population. <i>Environmental Science &amp; Technology</i> , 2017, 51, 608-615.	10.0	87
98	Particle size distribution and gas-particle partitioning of polychlorinated biphenyls in the atmosphere in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1389-1396.	5.3	14
99	Unexpected promotion of PCDD/F formation by enzyme-aided Cl <sub>2</sub> bleaching in non-wood pulp and paper mill. <i>Chemosphere</i> , 2017, 168, 523-528.	8.2	14
100	Gas-particle phase partitioning and particle size distribution of chlorinated and brominated polycyclic aromatic hydrocarbons in haze. <i>Environmental Pollution</i> , 2017, 231, 1601-1608.	7.5	39
101	Pivotal Roles of Metal Oxides in the Formation of Environmentally Persistent Free Radicals. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12329-12336.	10.0	88
102	Thermal Oxidation Degradation of 2,2,4,4-Tetrabromodiphenyl Ether over Li-TiO <sub>x</sub> Micro/Nanostructures with Dozens of Oxidative Product Analyses and Reaction Mechanisms. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10059-10071.	10.0	21
103	Secondary Copper Smelters as Sources of Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7945-7953.	10.0	59
104	Determination of hexabromocyclododecanes in sediments from the Haihe River in China by an optimized HPLC-MS-MS method. <i>Journal of Environmental Sciences</i> , 2017, 55, 174-183.	6.1	9
105	Short- and medium-chain chlorinated paraffins in sediments from the middle reaches of the Yangtze River: Spatial distributions, source apportionment and risk assessment. <i>Science of the Total Environment</i> , 2017, 575, 1177-1182.	8.0	46
106	Synergetic inhibition of PCDD/F formation from pentachlorophenol by mixtures of urea and calcium oxide. <i>Journal of Hazardous Materials</i> , 2016, 317, 394-402.	12.4	14
107	Removal of polychlorinated naphthalenes by desulfurization and emissions of polychlorinated naphthalenes from sintering plant. <i>Scientific Reports</i> , 2016, 6, 26444.	3.3	11
108	Formation and emission of brominated dioxins and furans during secondary aluminum smelting processes. <i>Chemosphere</i> , 2016, 146, 60-67.	8.2	15



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109	Mono- to Octachlorinated Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Emissions from Sintering Plants Synergistically Controlled by the Desulfurization Process. <i>Environmental Science &amp; Technology</i> , 2016, 50, 5207-5215.	10.0	17
110	Distributions, profiles and formation mechanisms of polychlorinated naphthalenes in cement kilns co-processing municipal waste incinerator fly ash. <i>Chemosphere</i> , 2016, 155, 348-357.	8.2	51
111	Particle size distributions and gasâ€“particle partitioning of polychlorinated dibenzo-p-dioxins and dibenzofurans in ambient air during haze days and normal days. <i>Science of the Total Environment</i> , 2016, 573, 876-882.	8.0	13
112	Simultaneous analysis of polychlorinated biphenyls and polychlorinated naphthalenes by isotope dilution comprehensive two-dimensional gas chromatography high-resolution time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 937, 160-167.	5.4	25
113	Concentrations and patterns of polychlorinated biphenyls at different process stages of cement kilns co-processing waste incinerator fly ash. <i>Waste Management</i> , 2016, 58, 280-286.	7.4	26
114	Thermal catalytic oxidation of octachloronaphthalene over anatase TiO <sub>2</sub> nanomaterial and its hypothesized mechanism. <i>Scientific Reports</i> , 2016, 5, 17800.	3.3	11
115	Thermal degradation of polybrominated diphenyl ethers over as-prepared Fe <sub>3</sub> O <sub>4</sub> micro/nano-material and hypothesized mechanism. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1540-1551.	5.3	11
116	Occurrences, sources and risk assessment of short- and medium-chain chlorinated paraffins in sediments from the middle reaches of the Yellow River, China. <i>Environmental Pollution</i> , 2016, 219, 483-489.	7.5	30
117	Thermal degradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) over synthesized Feâ€“Al composite oxide. <i>Chemosphere</i> , 2016, 150, 445-452.	8.2	18
118	Thermal dechlorination of PCB-209 over Ca species-doped Fe <sub>2</sub> O <sub>3</sub> . <i>Chemosphere</i> , 2016, 144, 81-90.	8.2	10
119	Variations and factors that influence the formation of polychlorinated naphthalenes in cement kilns co-processing solid waste. <i>Journal of Hazardous Materials</i> , 2016, 315, 117-125.	12.4	33
120	A Novel Method for Profiling and Quantifying Short- and Medium-Chain Chlorinated Paraffins in Environmental Samples Using Comprehensive Two-Dimensional Gas Chromatographyâ€“Electron Capture Negative Ionization High-Resolution Time-of-Flight Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7601-7609.	10.0	57
121	Thermochemical Formation of Polybrominated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans Mediated by Secondary Copper Smelter Fly Ash, and Implications for Emission Reduction. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7470-7479.	10.0	40
122	A comparison of the levels and particle size distribution of lower chlorinated dioxin/furans (mono-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 samples. <i>Chemosphere</i> , 2016, 151, 55-58.	8.2	10
123	Gas and particle size distributions of polychlorinated naphthalenes in the atmosphere of Beijing, China. <i>Environmental Pollution</i> , 2016, 212, 128-134.	7.5	33
124	Insights into the emission reductions of multiple unintentional persistent organic pollutants from industrial activities. <i>Chemosphere</i> , 2016, 144, 420-424.	8.2	22
125	Formation of Polychlorinated Biphenyls on Secondary Copper Production Fly Ash: Mechanistic Aspects and Correlation to Other Persistent Organic Pollutants. <i>Scientific Reports</i> , 2015, 5, 13903.	3.3	19
126	Comparison of the contributions of polychlorinated dibenzo-p-dioxins and dibenzofurans and other unintentionally produced persistent organic pollutants to the total toxic equivalents in air of steel plant areas. <i>Chemosphere</i> , 2015, 126, 73-77.	8.2	24



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127	Comparison of PCDD/F levels and profiles in fly ash samples from multiple industrial thermal sources. Chemosphere, 2015, 133, 68-74.	8.2	56
128	Formation and potential mechanisms of polychlorinated dibenzo-p-dioxins and dibenzofurans on fly ash from a secondary copper smelting process. Environmental Science and Pollution Research, 2015, 22, 8747-8755.	5.3	24
129	Case study of polychlorinated naphthalene emissions and factors influencing emission variations in secondary aluminum production. Journal of Hazardous Materials, 2015, 286, 545-552.	12.4	21
130	Identification of indicator congeners and evaluation of emission pattern of polychlorinated naphthalenes in industrial stack gas emissions by statistical analyses. Chemosphere, 2015, 118, 194-200.	8.2	39
131	Polychlorinated naphthalene concentrations and profiles in cheese and butter, and comparisons with polychlorinated dibenzo- <i>p</i> -dioxin, polychlorinated dibenzofuran and polychlorinated biphenyl concentrations. International Journal of Environmental Analytical Chemistry, 2015, 95, 203-216.	3.3	18
132	Field pilot study on emissions, formations and distributions of PCDD/Fs from cement kiln co-processing fly ash from municipal solid waste incinerations. Journal of Hazardous Materials, 2015, 299, 471-478.	12.4	72
133	Fly ash-mediated formation of polychlorinated naphthalenes during secondary copper smelting and mechanistic aspects. Chemosphere, 2015, 119, 1091-1098.	8.2	30
134	Identification and preliminary evaluation of polychlorinated naphthalene emissions from hot dip galvanizing plants. Chemosphere, 2015, 118, 112-116.	8.2	11
135	The combined disposal of 1,2,4-trichlorobenzene and nitrogen oxides using the synthesized $\text{Ce}_{0.2}\text{TiAl}_{1-x}\text{O}_x$ micro/nanomaterial. Catalysis Science and Technology, 2015, 5, 1041-1051.	4.1	19
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