

Minghui Zheng

List of Publications by Year in descending order

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169
papers

5,045
citations

76196

40
h-index

143772

57
g-index

172
all docs

172
docs citations

172
times ranked

2656
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Emission of PCDD/Fs, PCBs, Hexachlorobenzene, and Pentachlorobenzene from the Coking Industry. <i>Environmental Science & Technology</i> , 2009, 43, 9196-9201.	4.6	144
2	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from secondary copper and aluminum metallurgies in China. <i>Chemosphere</i> , 2009, 75, 1173-1178.	4.2	117
3	Worldwide cases of water pollution by emerging contaminants: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2311-2338.	8.3	117
4	Sources of unintentionally produced polychlorinated naphthalenes. <i>Chemosphere</i> , 2014, 94, 1-12.	4.2	111
5	Highly Elevated Levels and Particle-Size Distributions of Environmentally Persistent Free Radicals in Haze-Associated Atmosphere. <i>Environmental Science & Technology</i> , 2017, 51, 7936-7944.	4.6	98
6	Estimation and Characterization of Polychlorinated Naphthalene Emission from Coking Industries. <i>Environmental Science & Technology</i> , 2010, 44, 8156-8161.	4.6	92
7	Pivotal Roles of Metal Oxides in the Formation of Environmentally Persistent Free Radicals. <i>Environmental Science & Technology</i> , 2017, 51, 12329-12336.	4.6	88
8	Human Exposure to Short- and Medium-Chain Chlorinated Paraffins via Mothers'™ Milk in Chinese Urban Population. <i>Environmental Science & Technology</i> , 2017, 51, 608-615.	4.6	87
9	Estimation and Congener-Specific Characterization of Polychlorinated Naphthalene Emissions from Secondary Nonferrous Metallurgical Facilities in China. <i>Environmental Science & Technology</i> , 2010, 44, 2441-2446.	4.6	82
10	Atmospheric emission of polychlorinated biphenyls from multiple industrial thermal processes. <i>Chemosphere</i> , 2013, 90, 2453-2460.	4.2	81
11	Mass Fractions, Congener Group Patterns, and Placental Transfer of Short- and Medium-Chain Chlorinated Paraffins in Paired Maternal and Cord Serum. <i>Environmental Science & Technology</i> , 2018, 52, 10097-10103.	4.6	75
12	Field pilot study on emissions, formations and distributions of PCDD/Fs from cement kiln co-processing fly ash from municipal solid waste incinerations. <i>Journal of Hazardous Materials</i> , 2015, 299, 471-478.	6.5	72
13	Estimation and characterization of PCDD/Fs, dl-PCBs, PCNs, HxCBz and PeCBz emissions from magnesium metallurgy facilities in China. <i>Chemosphere</i> , 2011, 85, 1707-1712.	4.2	70
14	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.	3.7	67
15	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.	3.9	65
16	Recent advances in the removal of persistent organic pollutants (POPs) using multifunctional materials: a review. <i>Environmental Pollution</i> , 2020, 265, 114908.	3.7	65
17	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.	15.8	64
18	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.	3.9	61

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19	Secondary Copper Smelters as Sources of Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2017, 51, 7945-7953.	4.6	59
20	Occupational Exposure to Polychlorinated Dibenzo- <i>p</i> -dioxins and Dibenzofurans, Dioxin-like Polychlorinated Biphenyls, and Polychlorinated Naphthalenes in Workplaces of Secondary Nonferrous Metallurgical Facilities in China. <i>Environmental Science & Technology</i> , 2013, 47, 7773-7779.	4.6	58
21	A Novel Method for Profiling and Quantifying Short- and Medium-Chain Chlorinated Paraffins in Environmental Samples Using Comprehensive Two-Dimensional Gas Chromatography- ⁺ Electron Capture Negative Ionization High-Resolution Time-of-Flight Mass Spectrometry. <i>Environmental Science & Technology</i> , 2016, 50, 7601-7609.	4.6	57
22	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.	6.5	57
23	The Regular/Persistent Free Radicals and Associated Reaction Mechanism for the Degradation of 1,2,4-Trichlorobenzene over Different MnO ₂ Polymorphs. <i>Environmental Science & Technology</i> , 2018, 52, 13351-13360.	4.6	57
24	Comparison of PCDD/F levels and profiles in fly ash samples from multiple industrial thermal sources. <i>Chemosphere</i> , 2015, 133, 68-74.	4.2	56
25	Atmospheric emission of polychlorinated naphthalenes from iron ore sintering processes. <i>Chemosphere</i> , 2012, 89, 467-472.	4.2	54
26	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.	4.2	51
27	Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy. <i>Environmental Science & Technology</i> , 2017, 51, 4999-5007.	4.6	51
28	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.	3.9	50
29	Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons from Metallurgical Plants. <i>Environmental Science & Technology</i> , 2018, 52, 7334-7342.	4.6	48
30	Persistent organic pollutants in typical lake ecosystems. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 668-678.	2.9	47
31	Characterization of short- and medium-chain chlorinated paraffins in outdoor/indoor PM ₁₀ /PM _{2.5} /PM _{1.0} in Beijing, China. <i>Environmental Pollution</i> , 2017, 225, 674-680.	3.7	46
32	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.	3.9	46
33	Occurrence and Environmental Stability of Aristolochic Acids in Groundwater Collected from Serbia: Links to Human Exposure and Balkan Endemic Nephropathy. <i>Environmental Science & Technology</i> , 2020, 54, 1554-1561.	4.6	46
34	Occurrence and characteristics of polybrominated dibenzo- <i>p</i> -dioxins and dibenzofurans in stack gas emissions from industrial thermal processes. <i>Chemosphere</i> , 2010, 80, 1227-1233.	4.2	44
35	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from Chinese iron foundries. <i>Chemosphere</i> , 2011, 82, 759-763.	4.2	44
36	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.	1.8	44

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37	Inhibition of PCDD/Fs formation from dioxin precursors by calcium oxide. <i>Chemosphere</i> , 2005, 60, 785-790.	4.2	43
38	Characterization of polychlorinated naphthalenes in stack gas emissions from waste incinerators. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2905-2911.	2.7	42
39	Polychlorinated dibenzo-p-dioxin and dibenzofuran and polychlorinated biphenyl emissions from different smelting stages in secondary copper metallurgy. <i>Chemosphere</i> , 2013, 90, 89-94.	4.2	42
40	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. <i>Environmental Science & Technology</i> , 2017, 51, 2838-2845.	4.6	42
41	Unintentional production of persistent chlorinated and brominated organic pollutants during iron ore sintering processes. <i>Journal of Hazardous Materials</i> , 2017, 331, 63-70.	6.5	42
42	Effect of copper chloride on the emissions of PCDD/Fs and PAHs from PVC combustion. <i>Chemosphere</i> , 2002, 48, 857-863.	4.2	41
43	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 & Technology</i> , 2016, 50, 7470-7479.	4.6	40
44	Polychlorinated naphthalenes in human milk: Health risk assessment to nursing infants and source analysis. <i>Environment International</i> , 2020, 136, 105436.	4.8	40
45	The degradation of 1,2,4-trichlorobenzene using synthesized Co ₃ O ₄ and the hypothesized mechanism. <i>Journal of Hazardous Materials</i> , 2011, 192, 1697-1704.	6.5	39
46	Identification of indicator congeners and evaluation of emission pattern of polychlorinated naphthalenes in industrial stack gas emissions by statistical analyses. <i>Chemosphere</i> , 2015, 118, 194-200.	4.2	39
47	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.	3.9	39
48	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.	3.7	39
49	Identifying Iron Foundries as a New Source of Unintentional Polychlorinated Naphthalenes and Characterizing Their Emission Profiles. <i>Environmental Science & Technology</i> , 2014, 48, 13165-13172.	4.6	38
50	Estimation and characterization of PCDD/Fs and dioxin-like PCB emission from secondary zinc and lead metallurgies in China. <i>Journal of Environmental Monitoring</i> , 2009, 11, 867.	2.1	37
51	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.	3.7	37
52	Characterization of short- and medium-chain chlorinated paraffins in cereals and legumes from 19 Chinese provinces. <i>Chemosphere</i> , 2019, 226, 282-289.	4.2	37
53	Estimation and characterization of unintentionally produced persistent organic pollutant emission from converter steelmaking processes. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7361-7368.	2.7	36
54	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.	4.8	36

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55	A preliminary investigation on emission of polychlorinated dibenzo-p-dioxins/dibenzofurans and dioxin-like polychlorinated biphenyls from coke plants in China. <i>Chemosphere</i> , 2009, 75, 692-695.	4.2	35
56	Characterization of polychlorinated dibenzo- p -dioxins and dibenzofurans, dioxin-like polychlorinated biphenyls, and polychlorinated naphthalenes in the environment surrounding secondary copper and aluminum metallurgical facilities in China. <i>Environmental Pollution</i> , 2014, 193, 6-12.	3.7	35
57	Degradation of polychlorinated biphenyls using mesoporous iron-based spinels. <i>Journal of Hazardous Materials</i> , 2013, 261, 451-462.	6.5	34
58	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.	3.7	34
59	Levels and distributions of polychlorinated naphthalenes in sewage sludge of urban wastewater treatment plants. <i>Science Bulletin</i> , 2008, 53, 508-513.	1.7	33
60	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.	6.5	33
61	Gas and particle size distributions of polychlorinated naphthalenes in the atmosphere of Beijing, China. <i>Environmental Pollution</i> , 2016, 212, 128-134.	3.7	33
62	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.	2.9	33
63	Formation of polychlorinated naphthalenes during the heating of cooking oil in the presence of high amounts of sucralose. <i>Food Control</i> , 2013, 32, 1-5.	2.8	32
64	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.	3.9	32
65	Thermal Degradation of Octachloronaphthalene over As-Prepared Fe ₃ O ₄ Micro/Nanomaterial and Its Hypothesized Mechanism. <i>Environmental Science & Technology</i> , 2014, 48, 6899-6908.	4.6	31
66	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.	2.4	31
67	Fly ash-mediated formation of polychlorinated naphthalenes during secondary copper smelting and mechanistic aspects. <i>Chemosphere</i> , 2015, 119, 1091-1098.	4.2	30
68	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.	3.7	30
69	Competitive Reaction During Decomposition of Hexachlorobenzene Over Ultrafine Ca ²⁺ /Fe Composite Oxide Catalyst. <i>Catalysis Letters</i> , 2007, 119, 142-147.	1.4	29
70	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.	6.5	29
71	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.	2.9	29
72	Nontarget Screening of Polycyclic Aromatic Compounds in Atmospheric Particulate Matter Using Ultrahigh Resolution Mass Spectrometry and Comprehensive Two-Dimensional Gas Chromatography. <i>Environmental Science & Technology</i> , 2021, 55, 109-119.	4.6	28

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73	Critical influences of metal compounds on the formation and stabilization of environmentally persistent free radicals. <i>Chemical Engineering Journal</i> , 2022, 427, 131666.	6.6	28
74	Inventory of Polychlorinated Naphthalene Emissions from Waste Incineration and Metallurgical Sources in China. <i>Environmental Science & Technology</i> , 2020, 54, 842-850.	4.6	27
75	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.	3.7	26
76	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.	2.6	25
77	Unintentional persistent organic pollutants in cement kilns co-processing solid wastes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109373.	2.9	25
78	Brominated dioxins and furans in a cement kiln co-processing municipal solid waste. <i>Journal of Environmental Sciences</i> , 2019, 79, 339-345.	3.2	25
79	Formation of Environmentally Persistent Free Radicals during Thermochemical Processes and their Correlations with Unintentional Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2021, 55, 6529-6541.	4.6	25
80	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.	4.2	24
81	Formation and potential mechanisms of polychlorinated dibenzo-p-dioxins and dibenzofurans on fly ash from a secondary copper smelting process. <i>Environmental Science and Pollution Research</i> , 2015, 22, 8747-8755.	2.7	24
82	Photoinduced formation of persistent free radicals, hydrogen radicals, and hydroxyl radicals from catechol on atmospheric particulate matter. <i>IScience</i> , 2021, 24, 102193.	1.9	24
83	Synergetic effect of alkaline earth metal oxides and iron oxides on the degradation of hexachlorobenzene and its degradation pathway. <i>Chemosphere</i> , 2013, 90, 103-111.	4.2	22
84	Insights into the emission reductions of multiple unintentional persistent organic pollutants from industrial activities. <i>Chemosphere</i> , 2016, 144, 420-424.	4.2	22
85	Burden and Risk of Polychlorinated Naphthalenes in Chinese Human Milk and a Global Comparison of Human Exposure. <i>Environmental Science & Technology</i> , 2021, 55, 6804-6813.	4.6	22
86	Environmental characteristics and formations of polybrominated dibenzo-p-dioxins and dibenzofurans. <i>Environment International</i> , 2021, 152, 106450.	4.8	22
87	Synthesis of hierarchical Mg-doped Fe ₃ O ₄ micro/nano materials for the decomposition of hexachlorobenzene. <i>Chemosphere</i> , 2014, 99, 216-223.	4.2	21
88	Case study of polychlorinated naphthalene emissions and factors influencing emission variations in secondary aluminum production. <i>Journal of Hazardous Materials</i> , 2015, 286, 545-552.	6.5	21
89	Thermal Oxidation Degradation of 2,2,4,4-Tetrabromodiphenyl Ether over Li ⁺ TiO _x Micro/Nanostructures with Dozens of Oxidative Product Analyses and Reaction Mechanisms. <i>Environmental Science & Technology</i> , 2017, 51, 10059-10071.	4.6	21
90	Comprehensive Evaluation of Dietary Exposure and Health Risk of Polychlorinated Naphthalenes. <i>Environmental Science & Technology</i> , 2022, 56, 5520-5529.	4.6	21

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91	Identification and characterization of the atmospheric emission of polychlorinated naphthalenes from electric arc furnaces. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3645-3650.	2.7	20
92	Profiles of polychlorinated biphenyls (PCBs) in cement kilns co-processing solid waste. <i>Chemosphere</i> , 2017, 174, 165-172.	4.2	20
93	Thermochemical formation of multiple unintentional persistent organic pollutants on metallurgical fly ash and their correlations. <i>Chemosphere</i> , 2019, 226, 492-501.	4.2	20
94	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.	4.2	20
95	Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitor of Their Sources and Transportation. <i>Environmental Science & Technology</i> , 2020, 54, 2314-2322.	4.6	20
96	Assessment of personal exposure to environmentally persistent free radicals in airborne particulate matter. <i>Journal of Hazardous Materials</i> , 2021, 409, 125014.	6.5	20
97	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.	1.6	19
98	The combined disposal of 1,2,4-trichlorobenzene and nitrogen oxides using the synthesized $Ce_{0.2}TiAl_{1-x}O_x$ micro/nanomaterial. <i>Catalysis Science and Technology</i> , 2015, 5, 1041-1051.	2.1	19
99	Source identification, contamination status and health risk assessment of heavy metals from road dusts in Dhaka, Bangladesh. <i>Journal of Environmental Sciences</i> , 2022, 121, 159-174.	3.2	19
100	Synthesis of a magnetic micro/nano Fe_xO_y - CeO_2 composite and its application for degradation of hexachlorobenzene. <i>Science China Chemistry</i> , 2010, 53, 1266-1272.	4.2	18
101	Polychlorinated naphthalene concentrations and profiles in cheese and butter, and comparisons with polychlorinated dibenzo-p-dioxin, polychlorinated dibenzofuran and polychlorinated biphenyl concentrations. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 203-216.	1.8	18
102	Thermal degradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) over synthesized $Fe-Al$ composite oxide. <i>Chemosphere</i> , 2016, 150, 445-452.	4.2	18
103	Size distribution and sorption of polychlorinated biphenyls during haze episodes. <i>Atmospheric Environment</i> , 2018, 173, 38-45.	1.9	18
104	Mono- to Octachlorinated Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Emissions from Sintering Plants Synergistically Controlled by the Desulfurization Process. <i>Environmental Science & Technology</i> , 2016, 50, 5207-5215.	4.6	17
105	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.	4.2	17
106	Bioaccessibility of short chain chlorinated paraffins in meat and seafood. <i>Science of the Total Environment</i> , 2019, 668, 996-1003.	3.9	17
107	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.	3.7	17
108	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.	1.7	17

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109	Resurgence of Sandstorms Complicates China's Air Pollution Situation. <i>Environmental Science & Technology</i> , 2021, 55, 11467-11469.	4.6	17
110	Congener profiles and process distributions of polychlorinated biphenyls, polychlorinated naphthalenes and chlorinated polycyclic aromatic hydrocarbons from secondary copper smelting. <i>Journal of Hazardous Materials</i> , 2022, 423, 127125.	6.5	16
111	Formation and emission of brominated dioxins and furans during secondary aluminum smelting processes. <i>Chemosphere</i> , 2016, 146, 60-67.	4.2	15
112	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.	3.9	15
113	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.	4.2	15
114	Occurrence, profiles, and control of unintentional POPs in the steelmaking industry: A review. <i>Science of the Total Environment</i> , 2021, 773, 145692.	3.9	15
115	Polychlorinated naphthalenes in sewage sludge from wastewater treatment plants in China. <i>Science of the Total Environment</i> , 2014, 490, 555-560.	3.9	14
116	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.	6.5	14
117	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.	2.7	14
118	Unexpected promotion of PCDD/F formation by enzyme-aided Cl ₂ bleaching in non-wood pulp and paper mill. <i>Chemosphere</i> , 2017, 168, 523-528.	4.2	14
119	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.	2.9	14
120	Variations of PCDD/Fs emissions from secondary nonferrous smelting plants and towards to their source emission reduction. <i>Environmental Pollution</i> , 2020, 260, 113946.	3.7	14
121	Formation of environmentally persistent free radicals from thermochemical reactions of catechol. <i>Science of the Total Environment</i> , 2021, 772, 145313.	3.9	14
122	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.	3.7	14
123	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, .	2.6	14
124	Identification of emerging organic pollutants from solid waste incinerations by FT-ICR-MS and GC/Q-TOF-MS and their potential toxicities. <i>Journal of Hazardous Materials</i> , 2022, 428, 128220.	6.5	14
125	Particle size distributions and gas-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.	3.9	13
126	Screening of ToxCast Chemicals Responsible for Human Adverse Outcomes with Exposure to Ambient Air. <i>Environmental Science & Technology</i> , 2022, 56, 7288-7297.	4.6	13

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127	Estimation of Emissions of Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans and Dioxin-Like Polychlorinated Biphenyls from Chinese Hot Dip Galvanizing Industries. <i>Environmental Engineering Science</i> , 2011, 28, 671-676.	0.8	12
128	Effect of NiFe ₂ O ₄ on PCDF byproducts formation during thermal degradation of decachlorobiphenyl. <i>RSC Advances</i> , 2014, 4, 25453.	1.7	12
129	Identification and preliminary evaluation of polychlorinated naphthalene emissions from hot dip galvanizing plants. <i>Chemosphere</i> , 2015, 118, 112-116.	4.2	11
130	Removal of polychlorinated naphthalenes by desulfurization and emissions of polychlorinated naphthalenes from sintering plant. <i>Scientific Reports</i> , 2016, 6, 26444.	1.6	11
131	Thermal catalytic oxidation of octachloronaphthalene over anatase TiO ₂ nanomaterial and its hypothesized mechanism. <i>Scientific Reports</i> , 2016, 5, 17800.	1.6	11
132	Thermal degradation of polybrominated diphenyl ethers over as-prepared Fe ₃ O ₄ micro/nano-material and hypothesized mechanism. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1540-1551.	2.7	11
133	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.	4.2	11
134	Indoor Exposure to Products of Incomplete Combustion of Household Fuels in Rural Tibetan Plateau. <i>Environmental Science & Technology</i> , 2022, 56, 4711-4714.	4.6	11
135	Model framework to quantify the effectiveness of garbage classification in reducing dioxin emissions. <i>Science of the Total Environment</i> , 2022, 814, 151941.	3.9	11
136	Thermal dechlorination of PCB-209 over Ca species-doped Fe ₂ O ₃ . <i>Chemosphere</i> , 2016, 144, 81-90.	4.2	10
137	A comparison of the levels and particle size distribution of lower chlorinated dioxin/furans (mono-) Tj ETQq1 1 0.784314 rgBT /Overlook samples. <i>Chemosphere</i> , 2016, 151, 55-58.	4.2	10
138	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.	2.9	10
139	Concentrations, homolog profiles, and risk assessment of short- and medium-chain chlorinated paraffins in soil around factories in a non-ferrous metal recycling park. <i>Environmental Pollution</i> , 2022, 293, 118456.	3.7	10
140	Synthesis of three crystalline forms of Al ₂ O ₃ featuring rod-like fibers and their effect on the gaseous degradation of 1-chloronaphthalene. <i>Environmental Science: Nano</i> , 2017, 4, 994-1004.	2.2	9
141	Determination of hexabromocyclododecanes in sediments from the Haihe River in China by an optimized HPLC-MS method. <i>Journal of Environmental Sciences</i> , 2017, 55, 174-183.	3.2	9
142	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.	3.9	9
143	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.	6.5	7
144	Exposure to Chlorinated Paraffins in the Sixth Total Diet Study & China, 2016-2019. <i>China CDC Weekly</i> , 2022, 4, 172-175.	1.0	7

#	ARTICLE	IF	CITATIONS
145	Factors that affect polychlorinated naphthalenes formation and distribution during the heating of sucralose. <i>Food Chemistry</i> , 2019, 276, 397-401.	4.2	6
146	Hexachlorobutadiene emissions from typical chemical plants. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	6
147	Polychlorinated Biphenyl Emissions from Steelmaking Electric Arc Furnaces. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 670-675.	1.3	6
148	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.	6.5	6
149	Insights into the Formation and Profile of Chlorinated Polycyclic Aromatic Hydrocarbons during Chlorobenzene and Chloroethylene Manufacturing Processes. <i>Environmental Science & Technology</i> , 2021, 55, 15929-15939.	4.6	6
150	Synergetic promoting/inhibiting mechanisms of copper/calcium compounds in the formation of persistent organic pollutants and environmentally persistent free radicals from anthracene. <i>Chemical Engineering Journal</i> , 2022, 441, 136102.	6.6	6
151	Recognition and Health Impacts of Organic Pollutants with Significantly Different Proportions in the Gas Phase and Size-Fractionated Particulate Phase in Ambient Air. <i>Environmental Science & Technology</i> , 2022, 56, 7153-7162.	4.6	6
152	Sustainable superior function of the synthesized Ni _x Co _{1-x} Fe ₂ O ₄ nanosphere on the destruction of chlorinated biphenyls in the effluent. <i>Journal of Hazardous Materials</i> , 2018, 344, 64-72.	6.5	5
153	Polychlorinated naphthalene (PCN) emissions and characteristics during different secondary copper smelting stages. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109674.	2.9	5
154	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.	2.9	4
155	Bridging the Energy Benefit and POPs Emission Risk from Waste Incineration. <i>Innovation(China)</i> , 2021, 2, 100075.	5.2	4
156	Method development for determination of polyhalogenated carbazoles in industrial waste through gas chromatography/triple quadrupole tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9324.	0.7	4
157	Investigation of the decomposition mechanism of hexachlorobenzene on γ -Al ₂ O ₃ . <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1945-1951.	1.2	3
158	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.	1.7	3
159	Toxicology and Environmental Characteristics of emerging pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 264.	2.9	3
160	Organic pollutants from electric arc furnaces in steelmaking: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1509-1523.	8.3	3
161	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-111.	0.3	3
162	Legacy and emerging flame retardants: A global outlook. <i>Chemosphere</i> , 2022, 291, 132877.	4.2	3

#	ARTICLE	IF	CITATIONS
163	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.	4.8	3
164	Toxicology and environmental chemistry of halogenated organic pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111573.	2.9	2
165	Occurrence of chlorinated and brominated polycyclic aromatic hydrocarbons from electric arc furnace for steelmaking. <i>Environmental Pollution</i> , 2022, 294, 118663.	3.7	1
166	Discovery of significant atmospheric emission of halogenated polycyclic aromatic hydrocarbons from secondary zinc smelting. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113594.	2.9	1
167	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. <i>Exposure and Health</i> , 2023, 15, 145-159.	2.8	1
168	Response to Comment on "Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy". <i>Environmental Science & Technology</i> , 2018, 52, 360-361.	4.6	0
169	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.	6.5	0