List of Publications by Year in descending order

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MINCHUI ZHENC

#	Article	IF	CITATIONS
1	Atmospheric Emission of PCDD/Fs, PCBs, Hexachlorobenzene, and Pentachlorobenzene from the Coking Industry. Environmental Science & Technology, 2009, 43, 9196-9201.	10.0	144
2	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from secondary copper and aluminum metallurgies in China. Chemosphere, 2009, 75, 1173-1178.	8.2	117
3	Worldwide cases of water pollution by emerging contaminants: a review. Environmental Chemistry Letters, 2022, 20, 2311-2338.	16.2	117
4	Sources of unintentionally produced polychlorinated naphthalenes. Chemosphere, 2014, 94, 1-12.	8.2	111
5	Highly Elevated Levels and Particle-Size Distributions of Environmentally Persistent Free Radicals in Haze-Associated Atmosphere. Environmental Science & Technology, 2017, 51, 7936-7944.	10.0	98
6	Estimation and Characterization of Polychlorinated Naphthalene Emission from Coking Industries. Environmental Science & Technology, 2010, 44, 8156-8161.	10.0	92
7	Pivotal Roles of Metal Oxides in the Formation of Environmentally Persistent Free Radicals. Environmental Science & Technology, 2017, 51, 12329-12336.	10.0	88
8	Human Exposure to Short- and Medium-Chain Chlorinated Paraffins via Mothers' Milk in Chinese Urban Population. Environmental Science & Technology, 2017, 51, 608-615.	10.0	87
9	Estimation and Congener-Specific Characterization of Polychlorinated Naphthalene Emissions from Secondary Nonferrous Metallurgical Facilities in China. Environmental Science & Technology, 2010, 44, 2441-2446.	10.0	82
10	Atmospheric emission of polychlorinated biphenyls from multiple industrial thermal processes. Chemosphere, 2013, 90, 2453-2460.	8.2	81
11	Mass Fractions, Congener Group Patterns, and Placental Transfer of Short- and Medium-Chain Chlorinated Paraffins in Paired Maternal and Cord Serum. Environmental Science & Technology, 2018, 52, 10097-10103.	10.0	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. Journal of Hazardous Materials, 2015, 299, 471-478.	12.4	72
13	Estimation and characterization of PCDD/Fs, dl-PCBs, PCNs, HxCBz and PeCBz emissions from magnesium metallurgy facilities in China. Chemosphere, 2011, 85, 1707-1712.	8.2	70
14	Dietary exposure to short- and medium-chain chlorinated paraffins in meat and meat products from 20 provinces of China. Environmental Pollution, 2018, 233, 439-445.	7.5	67
15	Short- and medium-chain chlorinated paraffins in aquatic foods from 18 Chinese provinces: Occurrence, spatial distributions, and risk assessment. Science of the Total Environment, 2018, 615, 1199-1206.	8.0	65
16	Recent advances in the removal of persistent organic pollutants (POPs) using multifunctional materials:a review. Environmental Pollution, 2020, 265, 114908.	7.5	65
17	Chlorinated and brominated polycyclic aromatic hydrocarbons: Sources, formation mechanisms, and occurrence in the environment. Progress in Energy and Combustion Science, 2020, 76, 100803.	31.2	64
18	Profiles, sources and potential exposures of parent, chlorinated and brominated polycyclic aromatic hydrocarbons in haze associated atmosphere. Science of the Total Environment, 2017, 593-594, 390-398.	8.0	61

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19	Secondary Copper Smelters as Sources of Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons. Environmental Science & Technology, 2017, 51, 7945-7953.	10.0	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. Environmental Science & Technology, 2013, 47, 7773-7779.	10.0	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. Environmental Science &: Technology, 2016, 50, 7601-7609.	10.0	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. Journal of Hazardous Materials, 2017, 330, 135-141.	12.4	57
23	The Regular/Persistent Free Radicals and Associated Reaction Mechanism for the Degradation of 1,2,4-Trichlorobenzene over Different MnO ₂ Polymorphs. Environmental Science & Technology, 2018, 52, 13351-13360.	10.0	57
24	Comparison of PCDD/F levels and profiles in fly ash samples from multiple industrial thermal sources. Chemosphere, 2015, 133, 68-74.	8.2	56
25	Atmospheric emission of polychlorinated naphthalenes from iron ore sintering processes. Chemosphere, 2012, 89, 467-472.	8.2	54
26	Distributions, profiles and formation mechanisms of polychlorinated naphthalenes in cement kilns co-processing municipal waste incinerator fly ash. Chemosphere, 2016, 155, 348-357.	8.2	51
27	Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy. Environmental Science & Technology, 2017, 51, 4999-5007.	10.0	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. Science of the Total Environment, 2019, 649, 821-828.	8.0	50
29	Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons from Metallurgical Plants. Environmental Science & Technology, 2018, 52, 7334-7342.	10.0	48
30	Persistent organic pollutants in typical lake ecosystems. Ecotoxicology and Environmental Safety, 2019, 180, 668-678.	6.0	47
31	Characterization of short- and medium-chain chlorinated paraffins in outdoor/indoor PM10/PM2.5/PM1.0 in Beijing, China. Environmental Pollution, 2017, 225, 674-680.	7.5	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. Science of the Total Environment, 2017, 575, 1177-1182.	8.0	46
33	Occurrence and Environmental Stability of Aristolochic Acids in Groundwater Collected from Serbia: Links to Human Exposure and Balkan Endemic Nephropathy. Environmental Science & Technology, 2020, 54, 1554-1561.	10.0	46
34	Occurrence and characteristics of polybrominated dibenzo-p-dioxins and dibenzofurans in stack gas emissions from industrial thermal processes. Chemosphere, 2010, 80, 1227-1233.	8.2	44
35	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from Chinese iron foundries. Chemosphere, 2011, 82, 759-763.	8.2	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. Journal of Chromatography A, 2017, 1509, 114-122.	3.7	44

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37	Inhibition of PCDD/Fs formation from dioxin precursors by calcium oxide. Chemosphere, 2005, 60, 785-790.	8.2	43
38	Characterization of polychlorinated naphthalenes in stack gas emissions from waste incinerators. Environmental Science and Pollution Research, 2013, 20, 2905-2911.	5.3	42
39	Polychlorinated dibenzo-p-dioxin and dibenzofuran and polychlorinated biphenyl emissions from different smelting stages in secondary copper metallurgy. Chemosphere, 2013, 90, 89-94.	8.2	42
40	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. Environmental Science & Technology, 2017, 51, 2838-2845.	10.0	42
41	Unintentional production of persistent chlorinated and brominated organic pollutants during iron ore sintering processes. Journal of Hazardous Materials, 2017, 331, 63-70.	12.4	42
42	Effect of copper chloride on the emissions of PCDD/Fs and PAHs from PVC combustion. Chemosphere, 2002, 48, 857-863.	8.2	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. Environmental Science & Technology, 2016, 50, 7470-7479.	10.0	40
44	Polychlorinated naphthalenes in human milk: Health risk assessment to nursing infants and source analysis. Environment International, 2020, 136, 105436.	10.0	40
45	The degradation of 1,2,4-trichlorobenzene using synthesized Co3O4 and the hypothesized mechanism. Journal of Hazardous Materials, 2011, 192, 1697-1704.	12.4	39
46	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
47	Atmospheric occurrence and health risks of PCDD/Fs, polychlorinated biphenyls, and polychlorinated naphthalenes by air inhalation in metallurgical plants. Science of the Total Environment, 2017, 580, 1146-1154.	8.0	39
48	Gas–particle phase partitioning and particle size distribution of chlorinated and brominated polycyclic aromatic hydrocarbons in haze. Environmental Pollution, 2017, 231, 1601-1608.	7.5	39
49	Identifying Iron Foundries as a New Source of Unintentional Polychlorinated Naphthalenes and Characterizing Their Emission Profiles. Environmental Science & Technology, 2014, 48, 13165-13172.	10.0	38
50	Estimation and characterization of PCDD/Fs and dioxin-like PCB emission from secondary zinc and lead metallurgies in China. Journal of Environmental Monitoring, 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. Waste Management, 2017, 61, 337-344.	7.4	37
52	Characterization of short- and medium-chain chlorinated paraffins in cereals and legumes from 19 Chinese provinces. Chemosphere, 2019, 226, 282-289.	8.2	37
53	Estimation and characterization of unintentionally produced persistent organic pollutant emission from converter steelmaking processes. Environmental Science and Pollution Research, 2014, 21, 7361-7368.	5.3	36
54	New classes of organic pollutants in the remote continental environment – Chlorinated and brominated polycyclic aromatic hydrocarbons on the Tibetan Plateau. Environment International, 2020, 137, 105574.	10.0	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. Chemosphere, 2009, 75, 692-695.	8.2	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. Environmental Pollution, 2014, 193, 6-12.	7.5	35
57	Degradation of polychlorinated biphenyls using mesoporous iron-based spinels. Journal of Hazardous Materials, 2013, 261, 451-462.	12.4	34
58	Source identification and quantification of chlorinated and brominated polycyclic aromatic hydrocarbons from cement kilns co-processing solid wastes. Environmental Pollution, 2018, 242, 1346-1352.	7.5	34
59	Levels and distributions of polychlorinated naphthalenes in sewage sludge of urban wastewater treatment plants. Science Bulletin, 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. Journal of Hazardous Materials, 2016, 315, 117-125.	12.4	33
61	Gas and particle size distributions of polychlorinated naphthalenes in the atmosphere of Beijing, China. Environmental Pollution, 2016, 212, 128-134.	7.5	33
62	Emission characteristics of 99 NMVOCs in different seasonal days and the relationship with air quality parameters in Beijing, China. Ecotoxicology and Environmental Safety, 2019, 169, 797-806.	6.0	33
63	Formation of polychlorinated naphthalenes during the heating of cooking oil in the presence of high amounts of sucralose. Food Control, 2013, 32, 1-5.	5.5	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. Science of the Total Environment, 2019, 664, 107-115.	8.0	32
65	Thermal Degradation of Octachloronaphthalene over As-Prepared Fe ₃ O ₄ Micro/Nanomaterial and Its Hypothesized Mechanism. Environmental Science & Technology, 2014, 48, 6899-6908.	10.0	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. Journal of Agricultural and Food Chemistry, 2020, 68, 9043-9051.	5.2	31
67	Fly ash-mediated formation of polychlorinated naphthalenes during secondary copper smelting and mechanistic aspects. Chemosphere, 2015, 119, 1091-1098.	8.2	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. Environmental Pollution, 2016, 219, 483-489.	7.5	30
69	Competitive Reaction During Decomposition of Hexachlorobenzene Over Ultrafine Ca–Fe Composite Oxide Catalyst. Catalysis Letters, 2007, 119, 142-147.	2.6	29
70	Identification and evaluation of chlorinated nonane paraffins in the environment: A persistent organic pollutant candidate for the Stockholm Convention?. Journal of Hazardous Materials, 2019, 371, 449-455.	12.4	29
71	Risk evaluation of environmentally persistent free radicals in airborne particulate matter and influence of atmospheric factors. Ecotoxicology and Environmental Safety, 2020, 196, 110571.	6.0	29
72	Nontarget Screening of Polycyclic Aromatic Compounds in Atmospheric Particulate Matter Using Ultrahigh Resolution Mass Spectrometry and Comprehensive Two-Dimensional Gas Chromatography. Environmental Science & Technology, 2021, 55, 109-119.	10.0	28

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73	Critical influences of metal compounds on the formation and stabilization of environmentally persistent free radicals. Chemical Engineering Journal, 2022, 427, 131666.	12.7	28
74	Inventory of Polychlorinated Naphthalene Emissions from Waste Incineration and Metallurgical Sources in China. Environmental Science & Technology, 2020, 54, 842-850.	10.0	27
75	Concentrations and patterns of polychlorinated biphenyls at different process stages of cement kilns co-processing waste incinerator fly ash. Waste Management, 2016, 58, 280-286.	7.4	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. Analytica Chimica Acta, 2016, 937, 160-167.	5.4	25
77	Unintentional persistent organic pollutants in cement kilns co-processing solid wastes. Ecotoxicology and Environmental Safety, 2019, 182, 109373.	6.0	25
78	Brominated dioxins and furans in a cement kiln co-processing municipal solid waste. Journal of Environmental Sciences, 2019, 79, 339-345.	6.1	25
79	Formation of Environmentally Persistent Free Radicals during Thermochemical Processes and their Correlations with Unintentional Persistent Organic Pollutants. Environmental Science & Technology, 2021, 55, 6529-6541.	10.0	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. Chemosphere, 2015, 126, 73-77.	8.2	24
81	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
82	Photoinduced formation of persistent free radicals, hydrogen radicals, and hydroxyl radicals from catechol on atmospheric particulate matter. IScience, 2021, 24, 102193.	4.1	24
83	Synergetic effect of alkaline earth metal oxides and iron oxides on the degradation of hexachlorobenzene and its degradation pathway. Chemosphere, 2013, 90, 103-111.	8.2	22
84	Insights into the emission reductions of multiple unintentional persistent organic pollutants from industrial activities. Chemosphere, 2016, 144, 420-424.	8.2	22
85	Burden and Risk of Polychlorinated Naphthalenes in Chinese Human Milk and a Clobal Comparison of Human Exposure. Environmental Science & Technology, 2021, 55, 6804-6813.	10.0	22
86	Environmental characteristics and formations of polybrominated dibenzo-p-dioxins and dibenzofurans. Environment International, 2021, 152, 106450.	10.0	22
87	Synthesis of hierarchical Mg-doped Fe3O4 micro/nano materials for the decomposition of hexachlorobenzene. Chemosphere, 2014, 99, 216-223.	8.2	21
88	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
89	Thermal Oxidation Degradation of 2,2′,4,4′-Tetrabromodiphenyl Ether over LiαTiOx Micro/Nanostructures with Dozens of Oxidative Product Analyses and Reaction Mechanisms. Environmental Science & Technology, 2017, 51, 10059-10071.	10.0	21
90	Comprehensive Evaluation of Dietary Exposure and Health Risk of Polychlorinated Naphthalenes. Environmental Science & Technology, 2022, 56, 5520-5529.	10.0	21

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91	Identification and characterization of the atmospheric emission of polychlorinated naphthalenes from electric arc furnaces. Environmental Science and Pollution Research, 2012, 19, 3645-3650.	5.3	20
92	Profiles of polychlorinated biphenyls (PCBs) in cement kilns co-processing solid waste. Chemosphere, 2017, 174, 165-172.	8.2	20
93	Thermochemical formation of multiple unintentional persistent organic pollutants on metallurgical fly ash and their correlations. Chemosphere, 2019, 226, 492-501.	8.2	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. Chemosphere, 2020, 255, 126958.	8.2	20
95	Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitors of Their Sources and Transportation. Environmental Science & Technology, 2020, 54, 2314-2322.	10.0	20
96	Assessment of personal exposure to environmentally persistent free radicals in airborne particulate matter. Journal of Hazardous Materials, 2021, 409, 125014.	12.4	20
97	Formation of Polychlorinated Biphenyls on Secondary Copper Production Fly Ash: Mechanistic Aspects and Correlation to Other Persistent Organic Pollutants. Scientific Reports, 2015, 5, 13903.	3.3	19
98	The combined disposal of 1,2,4-trichlorobenzene and nitrogen oxides using the synthesized Ce _{0.2} TiAl _{I±} O _x micro/nanomaterial. Catalysis Science and Technology, 2015, 5, 1041-1051.	4.1	19
99	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
100	Synthesis of a magnetic micro/nano Fe x O y -CeO2 composite and its application for degradation of hexachlorobenzene. Science China Chemistry, 2010, 53, 1266-1272.	8.2	18
101	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
102	Thermal degradation of 2,2′,4,4′-tetrabromodiphenyl ether (BDE-47) over synthesized Fe–Al composite oxide. Chemosphere, 2016, 150, 445-452.	8.2	18
103	Size distribution and sorption of polychlorinated biphenyls during haze episodes. Atmospheric Environment, 2018, 173, 38-45.	4.1	18
104	Mono- to Octachlorinated Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Emissions from Sintering Plants Synergistically Controlled by the Desulfurization Process. Environmental Science & Technology, 2016, 50, 5207-5215.	10.0	17
105	Thermochemical formation of polychlorinated dibenzo-p-dioxins and dibenzofurans on the fly ash matrix from metal smelting sources. Chemosphere, 2018, 191, 825-831.	8.2	17
106	Bioaccessibility of short chain chlorinated paraffins in meat and seafood. Science of the Total Environment, 2019, 668, 996-1003.	8.0	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. Environmental Pollution, 2020, 258, 113704.	7.5	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. Chemical Research in Toxicology, 2020, 33, 2446-2454.	3.3	17

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109	Resurgence of Sandstorms Complicates China's Air Pollution Situation. Environmental Science & Technology, 2021, 55, 11467-11469.	10.0	17
110	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
111	Formation and emission of brominated dioxins and furans during secondary aluminum smelting processes. Chemosphere, 2016, 146, 60-67.	8.2	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. Science of the Total Environment, 2018, 639, 952-960.	8.0	15
113	Spatial distributions and homolog profiles of chlorinated nonane paraffins, and short and medium chain chlorinated paraffins in soils from Yunnan, China. Chemosphere, 2020, 247, 125855.	8.2	15
114	Occurrence, profiles, and control of unintentional POPs in the steelmaking industry: A review. Science of the Total Environment, 2021, 773, 145692.	8.0	15
115	Polychlorinated naphthalenes in sewage sludge from wastewater treatment plants in China. Science of the Total Environment, 2014, 490, 555-560.	8.0	14
116	Synergetic inhibition of PCDD/F formation from pentachlorophenol by mixtures of urea and calcium oxide. Journal of Hazardous Materials, 2016, 317, 394-402.	12.4	14
117	Particle size distribution and gas–particle partitioning of polychlorinated biphenyls in the atmosphere in Beijing, China. Environmental Science and Pollution Research, 2017, 24, 1389-1396.	5.3	14
118	Unexpected promotion of PCDD/F formation by enzyme-aided Cl2 bleaching in non-wood pulp and paper mill. Chemosphere, 2017, 168, 523-528.	8.2	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. Ecotoxicology and Environmental Safety, 2019, 170, 427-435.	6.0	14
120	Variations of PCDD/Fs emissions from secondary nonferrous smelting plants and towards to their source emission reduction. Environmental Pollution, 2020, 260, 113946.	7.5	14
121	Formation of environmentally persistent free radicals from thermochemical reactions of catechol. Science of the Total Environment, 2021, 772, 145313.	8.0	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. Environmental Pollution, 2021, 279, 116922.	7.5	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. Environmental Sciences Europe, 2020, 32, .	5.5	14
124	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
125	Particle size distributions and gas–particle partitioning of polychlorinated dibenzo-p-dioxins and dibenzofurans in ambient air during haze days and normal days. Science of the Total Environment, 2016, 573, 876-882.	8.0	13
126	Screening of ToxCast Chemicals Responsible for Human Adverse Outcomes with Exposure to Ambient Air. Environmental Science & Technology, 2022, 56, 7288-7297.	10.0	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. Environmental Engineering Science, 2011, 28, 671-676.	1.6	12
128	Effect of NiFe2O4 on PCDF byproducts formation during thermal degradation of decachlorobiphenyl. RSC Advances, 2014, 4, 25453.	3.6	12
129	Identification and preliminary evaluation of polychlorinated naphthalene emissions from hot dip galvanizing plants. Chemosphere, 2015, 118, 112-116.	8.2	11
130	Removal of polychlorinated naphthalenes by desulfurization and emissions of polychlorinated naphthalenes from sintering plant. Scientific Reports, 2016, 6, 26444.	3.3	11
131	Thermal catalytic oxidation of octachloronaphthalene over anatase TiO2 nanomaterial and its hypothesized mechanism. Scientific Reports, 2016, 5, 17800.	3.3	11
132	Thermal degradation of polybrominated diphenyl ethers over as-prepared Fe3O4 micro/nano-material and hypothesized mechanism. Environmental Science and Pollution Research, 2016, 23, 1540-1551.	5.3	11
133	Occurrences, congener group profiles, and risk assessment of short- and medium-chain chlorinated paraffins in cup instant noodles from China. Chemosphere, 2021, 279, 130503.	8.2	11
134	Indoor Exposure to Products of Incomplete Combustion of Household Fuels in Rural Tibetan Plateau. Environmental Science & Technology, 2022, 56, 4711-4714.	10.0	11
135	Model framework to quantify the effectiveness of garbage classification in reducing dioxin emissions. Science of the Total Environment, 2022, 814, 151941.	8.0	11
136	Thermal dechlorination of PCB-209 over Ca species-doped Fe2O3. Chemosphere, 2016, 144, 81-90.	8.2	10
137	A comparison of the levels and particle size distribution of lower chlorinated dioxin/furans (mono-) Tj ETQq1 1 samples. Chemosphere, 2016, 151, 55-58.	0.784314 rg 8.2	BT /Overlock 10
138	Levels and characteristics of polychlorinated biphenyls in surface sediments of the Chaobai river, a source of drinking water for Beijing, China. Ecotoxicology and Environmental Safety, 2020, 189, 109922.	6.0	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. Environmental Pollution, 2022, 293, 118456.	7.5	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. Environmental Science: Nano, 2017, 4, 994-1004.	4.3	9
141	Determination of hexabromocyclododecanes in sediments from the Haihe River in China by an optimized HPLC–MS–MS method. Journal of Environmental Sciences, 2017, 55, 174-183.	6.1	9
142	Photochemical conversion of toluene in simulated atmospheric matrix and characterization of large molecular weight products by +APPI FT-ICR MS. Science of the Total Environment, 2019, 649, 111-119.	8.0	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. Journal of Hazardous Materials, 2021, 406, 124603.	12.4	7
144	Exposure to Chlorinated Paraffins in the Sixth Total Diet Study <i> —</i> China, 2016‒2019. China CDC Weekly, 2022, 4, 172-175.	2.3	7

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145	Factors that affect polychlorinated naphthalenes formation and distribution during the heating of sucralose. Food Chemistry, 2019, 276, 397-401.	8.2	6
146	Hexachlorobutadiene emissions from typical chemical plants. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	6.0	6
147	Polychlorinated Biphenyl Emissions from Steelmaking Electric Arc Furnaces. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 670-675.	2.7	6
148	Profiles, spatial distributions and inventory of brominated dioxin and furan emissions from secondary nonferrous smelting industries in China. Journal of Hazardous Materials, 2021, 419, 126415.	12.4	6
149	Insights into the Formation and Profile of Chlorinated Polycyclic Aromatic Hydrocarbons during Chlorobenzene and Chloroethylene Manufacturing Processes. Environmental Science & Technology, 2021, 55, 15929-15939.	10.0	6
150	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
151	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
152	Sustainable superior function of the synthesized NixCo1-xFe2Oz nanosphere on the destruction of chlorinated biphenyls in the effluent. Journal of Hazardous Materials, 2018, 344, 64-72.	12.4	5
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