

Minghui Zheng

List of Publications by Citations

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159
papers

3,417
citations

33
h-index

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172
ext. papers

4,236
ext. citations

8.9
avg, IF

5.51
L-index

#	Paper	IF	Citations
159	Atmospheric emission of PCDD/Fs, PCBs, hexachlorobenzene, and pentachlorobenzene from the coking industry. <i>Environmental Science & Technology</i> , 2009 , 43, 9196-201	10.3	125
158	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from secondary copper and aluminum metallurgies in China. <i>Chemosphere</i> , 2009 , 75, 1173-8	8.4	104
157	Sources of unintentionally produced polychlorinated naphthalenes. <i>Chemosphere</i> , 2014 , 94, 1-12	8.4	88
156	Estimation and characterization of polychlorinated naphthalene emission from coking industries. <i>Environmental Science & Technology</i> , 2010 , 44, 8156-61	10.3	79
155	Atmospheric emission of polychlorinated biphenyls from multiple industrial thermal processes. <i>Chemosphere</i> , 2013 , 90, 2453-60	8.4	72
154	Estimation and congener-specific characterization of polychlorinated naphthalene emissions from secondary nonferrous metallurgical facilities in China. <i>Environmental Science & Technology</i> , 2010 , 44, 2441-6	10.3	71
153	Estimation and characterization of PCDD/Fs, dl-PCBs, PCNs, HxCBz and PeCbz emissions from magnesium metallurgy facilities in China. <i>Chemosphere</i> , 2011 , 85, 1707-12	8.4	65
152	Human Exposure to Short- and Medium-Chain Chlorinated Paraffins via MothersSMilk in Chinese Urban Population. <i>Environmental Science & Technology</i> , 2017 , 51, 608-615	10.3	64
151	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	10.3	61
150	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, 471-8	12.8	55
149	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> , 2017 , 51, 7101-9	10.3	53
148	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	10.3	51
147	Pivotal Roles of Metal Oxides in the Formation of Environmentally Persistent Free Radicals. <i>Environmental Science & Technology</i> , 2017 , 51, 12329-12336	10.3	50
146	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	10.3	48
145	Comparison of PCDD/F levels and profiles in fly ash samples from multiple industrial thermal sources. <i>Chemosphere</i> , 2015 , 133, 68-74	8.4	47
144	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	9.3	46
143	Atmospheric emission of polychlorinated naphthalenes from iron ore sintering processes. <i>Chemosphere</i> , 2012 , 89, 467-72	8.4	45

142	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	10.2	43
141	Occupational exposure to polychlorinated dibenzo-p-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, 7773-9	10.3	43
140	Secondary Copper Smelters as Sources of Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2017 , 51, 7945-7953	10.3	42
139	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	8.4	41
138	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	8.4	40
137	Effect of copper chloride on the emissions of PCDD/Fs and PAHs from PVC combustion. <i>Chemosphere</i> , 2002 , 48, 857-63	8.4	40
136	Occurrence and characteristics of polybrominated dibenzo-p-dioxins and dibenzofurans in stack gas emissions from industrial thermal processes. <i>Chemosphere</i> , 2010 , 80, 1227-33	8.4	38
135	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	33.6	38
134	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	10.2	37
133	Characterization of short- and medium-chain chlorinated paraffins in outdoor/indoor PM/PM/PM in Beijing, China. <i>Environmental Pollution</i> , 2017 , 225, 674-680	9.3	36
132	Estimation and characterization of PCDD/Fs and dioxin-like PCBs from Chinese iron foundries. <i>Chemosphere</i> , 2011 , 82, 759-63	8.4	36
131	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, 867-72		36
130	Thermochemical Formation of Polybrominated Dibenzo-p-Dioxins and Dibenzofurans Mediated by Secondary Copper Smelter Fly Ash, and Implications for Emission Reduction. <i>Environmental Science & Technology</i> , 2016 , 50, 7470-9	10.3	35
129	Inhibition of PCDD/Fs formation from dioxin precursors by calcium oxide. <i>Chemosphere</i> , 2005 , 60, 785-90	8.4	34
128	Long-Term Temporal Trends of Polychlorinated Biphenyls and Their Controlling Sources in China. <i>Environmental Science & Technology</i> , 2017 , 51, 2838-2845	10.3	33
127	Recent advances in the removal of persistent organic pollutants (POPs) using multifunctional materials: a review. <i>Environmental Pollution</i> , 2020 , 265, 114908	9.3	33
126	Characterization of polychlorinated naphthalenes in stack gas emissions from waste incinerators. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 2905-11	5.1	33
125	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	8.4	33

124	Unintentional production of persistent chlorinated and brominated organic pollutants during iron ore sintering processes. <i>Journal of Hazardous Materials</i> , 2017 , 331, 63-70	12.8	32
123	Estimation and characterization of unintentionally produced persistent organic pollutant emission from converter steelmaking processes. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7361-8	5.1	32
122	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	10.2	32
121	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	10.2	31
120	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	4.5	31
119	Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy. <i>Environmental Science & Technology</i> , 2017 , 51, 4999-5007	10.3	31
118	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	8.4	31
117	Degradation of polychlorinated biphenyls using mesoporous iron-based spinels. <i>Journal of Hazardous Materials</i> , 2013 , 261, 451-62	12.8	31
116	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	9.3	31
115	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	12.8	30
114	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	9.3	30
113	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, 1697-704	12.8	30
112	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, 117-25	12.8	29
111	Persistent organic pollutants in typical lake ecosystems. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 180, 668-678	7	28
110	Fly ash-mediated formation of polychlorinated naphthalenes during secondary copper smelting and mechanistic aspects. <i>Chemosphere</i> , 2015 , 119, 1091-1098	8.4	28
109	Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons from Metallurgical Plants. <i>Environmental Science & Technology</i> , 2018 , 52, 7334-7342	10.3	27
108	Thermal degradation of octachloronaphthalene over as-prepared Fe ₃ O ₄ micro/nanomaterial and its hypothesized mechanism. <i>Environmental Science & Technology</i> , 2014 , 48, 6899-908	10.3	27
107	Identifying iron foundries as a new source of unintentional polychlorinated naphthalenes and characterizing their emission profiles. <i>Environmental Science & Technology</i> , 2014 , 48, 13165-72	10.3	27

106	Competitive Reaction During Decomposition of Hexachlorobenzene Over Ultrafine CaFe Composite Oxide Catalyst. <i>Catalysis Letters</i> , 2007 , 119, 142-147	2.8	26
105	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	10.3	26
104	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	8.6	25
103	Characterization of short- and medium-chain chlorinated paraffins in cereals and legumes from 19 Chinese provinces. <i>Chemosphere</i> , 2019 , 226, 282-289	8.4	25
102	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	8.3	25
101	Levels and distributions of polychlorinated naphthalenes in sewage sludge of urban wastewater treatment plants. <i>Science Bulletin</i> , 2008 , 53, 508-513		25
100	The Regular/Persistent Free Radicals and Associated Reaction Mechanism for the Degradation of 1,2,4-Trichlorobenzene over Different MnO Polymorphs. <i>Environmental Science & Technology</i> , 2018 , 52, 13351-13360	10.3	25
99	Gas and particle size distributions of polychlorinated naphthalenes in the atmosphere of Beijing, China. <i>Environmental Pollution</i> , 2016 , 212, 128-134	9.3	24
98	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	6.2	24
97	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	7	23
96	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, 8747-55	5.1	22
95	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	8.6	22
94	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	9.3	22
93	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, 73-7	8.4	21
92	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	12.9	21
91	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	12.8	20
90	Synthesis of hierarchical Mg-doped Fe ₃ O ₄ micro/nano materials for the decomposition of hexachlorobenzene. <i>Chemosphere</i> , 2014 , 99, 216-23	8.4	20
89	Case study of polychlorinated naphthalene emissions and factors influencing emission variations in secondary aluminum production. <i>Journal of Hazardous Materials</i> , 2015 , 286, 545-52	12.8	19

88	Synergetic effect of alkaline earth metal oxides and iron oxides on the degradation of hexachlorobenzene and its degradation pathway. <i>Chemosphere</i> , 2013 , 90, 103-11	8.4	19
87	Insights into the emission reductions of multiple unintentional persistent organic pollutants from industrial activities. <i>Chemosphere</i> , 2016 , 144, 420-4	8.4	18
86	Synthesis of a magnetic micro/nano Fe x O y -CeO2 composite and its application for degradation of hexachlorobenzene. <i>Science China Chemistry</i> , 2010 , 53, 1266-1272	7.9	18
85	Polychlorinated naphthalenes in human milk: Health risk assessment to nursing infants and source analysis. <i>Environment International</i> , 2020 , 136, 105436	12.9	18
84	Identification and characterization of the atmospheric emission of polychlorinated naphthalenes from electric arc furnaces. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3645-50	5.1	17
83	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, 5207-15	10.3	17
82	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	7	16
81	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, 160-7	6.6	16
80	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	4.9	16
79	Profiles of polychlorinated biphenyls (PCBs) in cement kilns co-processing solid waste. <i>Chemosphere</i> , 2017 , 174, 165-172	8.4	15
78	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	10.2	15
77	Thermal Oxidation Degradation of 2,2,4,4-Tetrabromodiphenyl Ether over LiTiO Micro/Nanostructures with Dozens of Oxidative Product Analyses and Reaction Mechanisms. <i>Environmental Science & Technology</i> , 2017 , 51, 10059-10071	10.3	15
76	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	5.7	15
75	Size distribution and sorption of polychlorinated biphenyls during haze episodes. <i>Atmospheric Environment</i> , 2018 , 173, 38-45	5.3	15
74	The combined disposal of 1,2,4-trichlorobenzene and nitrogen oxides using the synthesized Ce0.2TiAl0.8x micro/nanomaterial. <i>Catalysis Science and Technology</i> , 2015 , 5, 1041-1051	5.5	14
73	Thermal degradation of 2,2,4,4-Tetrabromodiphenyl ether (BDE-47) over synthesized Fe-Al composite oxide. <i>Chemosphere</i> , 2016 , 150, 445-452	8.4	14
72	Unexpected promotion of PCDD/F formation by enzyme-aided Cl bleaching in non-wood pulp and paper mill. <i>Chemosphere</i> , 2017 , 168, 523-528	8.4	13
71	Thermochemical formation of multiple unintentional persistent organic pollutants on metallurgical fly ash and their correlations. <i>Chemosphere</i> , 2019 , 226, 492-501	8.4	13

70	Unintentional persistent organic pollutants in cement kilns co-processing solid wastes. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 182, 109373	7	13
69	Polychlorinated naphthalenes in sewage sludge from wastewater treatment plants in China. <i>Science of the Total Environment</i> , 2014 , 490, 555-60	10.2	13
68	Formation and emission of brominated dioxins and furans during secondary aluminum smelting processes. <i>Chemosphere</i> , 2016 , 146, 60-7	8.4	13
67	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	5.1	12
66	Effect of NiFe ₂ O ₄ on PCDF byproducts formation during thermal degradation of decachlorobiphenyl. <i>RSC Advances</i> , 2014 , 4, 25453	3.7	12
65	Estimation of Emissions of Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans and Dioxin-Like Polychlorinated Biphenyls from Chinese Hot Dip Galvanizing Industries. <i>Environmental Engineering Science</i> , 2011 , 28, 671-676	2	12
64	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	10.2	12
63	Brominated dioxins and furans in a cement kiln co-processing municipal solid waste. <i>Journal of Environmental Sciences</i> , 2019 , 79, 339-345	6.4	12
62	Bioaccessibility of short chain chlorinated paraffins in meat and seafood. <i>Science of the Total Environment</i> , 2019 , 668, 996-1003	10.2	11
61	Inventory of Polychlorinated Naphthalene Emissions from Waste Incineration and Metallurgical Sources in China. <i>Environmental Science & Technology</i> , 2020 , 54, 842-850	10.3	11
60	Environmental characteristics and formations of polybrominated dibenzo-p-dioxins and dibenzofurans. <i>Environment International</i> , 2021 , 152, 106450	12.9	11
59	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	8.4	11
58	Identification and preliminary evaluation of polychlorinated naphthalene emissions from hot dip galvanizing plants. <i>Chemosphere</i> , 2015 , 118, 112-6	8.4	10
57	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	8.4	10
56	A comparison of the levels and particle size distribution of lower chlorinated dioxin/furans (mono- to tri-chlorinated homologues) with those of tetra- to octa-chlorinated homologues in atmospheric samples. <i>Chemosphere</i> , 2016 , 151, 55-8	8.4	10
55	Removal of polychlorinated naphthalenes by desulfurization and emissions of polychlorinated naphthalenes from sintering plant. <i>Scientific Reports</i> , 2016 , 6, 26444	4.9	10
54	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	7.1	9
53	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	9

52	Variations of PCDD/Fs emissions from secondary nonferrous smelting plants and towards to their source emission reduction. <i>Environmental Pollution</i> , 2020 , 260, 113946	9.3	9
51	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	4	9
50	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	12.8	9
49	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	7	9
48	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	10.2	9
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	9.3	8
46	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	10.3	8
45	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	8.4	7
44	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, 1540-51	5.1	7
43	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	6.4	7
42	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	7
41	Assessment of personal exposure to environmentally persistent free radicals in airborne particulate matter. <i>Journal of Hazardous Materials</i> , 2021 , 409, 125014	12.8	7
40	Thermal catalytic oxidation of octachloronaphthalene over anatase TiO ₂ nanomaterial and its hypothesized mechanism. <i>Scientific Reports</i> , 2015 , 5, 17800	4.9	6
39	Thermal dechlorination of PCB-209 over Ca species-doped Fe ₃ O ₄ . <i>Chemosphere</i> , 2016 , 144, 81-90	8.4	6
38	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	7	6
37	Polychlorinated naphthalene (PCN) emissions and characteristics during different secondary copper smelting stages. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 184, 109674	7	5
36	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	10.2	5
35	Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitoring of Their Sources and Transportation. <i>Environmental Science & Technology</i> , 2020 , 54, 2314-2322	10.3	4

34	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	10.3	4
33	Formation of environmentally persistent free radicals from thermochemical reactions of catechol. <i>Science of the Total Environment</i> , 2021 , 772, 145313	10.2	4
32	Factors that affect polychlorinated naphthalenes formation and distribution during the heating of sucralose. <i>Food Chemistry</i> , 2019 , 276, 397-401	8.5	4
31	Photoinduced formation of persistent free radicals, hydrogen radicals, and hydroxyl radicals from catechol on atmospheric particulate matter. <i>IScience</i> , 2021 , 24, 102193	6.1	4
30	Degradation of one-side fully-chlorinated 1,2,3,4-tetrachloronaphthalene over Fe ₃ O ₄ composite oxides and its hypothesized reaction mechanism. <i>RSC Advances</i> , 2017 , 7, 17577-17585	3.7	3
29	Sustainable superior function of the synthesized NiCoFeO nanosphere on the destruction of chlorinated biphenyls in the effluent. <i>Journal of Hazardous Materials</i> , 2018 , 344, 64-72	12.8	3
28	Investigation of the decomposition mechanism of hexachlorobenzene on gamma-Al ₂ O ₃ . <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 1945-51	2.6	3
27	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	10.3	3
26	Hexachlorobutadiene emissions from typical chemical plants. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	3
25	Occurrence, profiles, and control of unintentional POPs in the steelmaking industry: A review. <i>Science of the Total Environment</i> , 2021 , 773, 145692	10.2	2
24	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	12.8	2
23	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	7.2	2
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15	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	9.3	1
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4	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 , e9324	2.2	0
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