

Rong Jin

List of Publications by Year in descending order

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30
papers

1,066
citations

361413
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501196
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745
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.0	98
2	Pivotal Roles of Metal Oxides in the Formation of Environmentally Persistent Free Radicals. <i>Environmental Science & Technology</i> , 2017, 51, 12329-12336.	10.0	88
3	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.	12.4	72
4	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
5	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
6	Secondary Copper Smelters as Sources of Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2017, 51, 7945-7953.	10.0	59
7	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
8	Molecular Mechanism of Dioxin Formation from Chlorophenol based on Electron Paramagnetic Resonance Spectroscopy. <i>Environmental Science & Technology</i> , 2017, 51, 4999-5007.	10.0	51
9	Chlorinated and Brominated Polycyclic Aromatic Hydrocarbons from Metallurgical Plants. <i>Environmental Science & Technology</i> , 2018, 52, 7334-7342.	10.0	48
10	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
11	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.	10.0	40
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Insights into the emission reductions of multiple unintentional persistent organic pollutants from industrial activities. <i>Chemosphere</i> , 2016, 144, 420-424.	8.2	22
20	Thermal Oxidation Degradation of 2,2,4,4-Tetrabromodiphenyl Ether over $\text{Li}^{\pm}\text{TiO}_x$ Micro/Nanostructures with Dozens of Oxidative Product Analyses and Reaction Mechanisms. <i>Environmental Science & Technology</i> , 2017, 51, 10059-10071.	10.0	21
21	Comprehensive Evaluation of Dietary Exposure and Health Risk of Polychlorinated Naphthalenes. <i>Environmental Science & Technology</i> , 2022, 56, 5520-5529.	10.0	21
22	Profiles of polychlorinated biphenyls (PCBs) in cement kilns co-processing solid waste. <i>Chemosphere</i> , 2017, 174, 165-172.	8.2	20
23	Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitorers of Their Sources and Transportation. <i>Environmental Science & Technology</i> , 2020, 54, 2314-2322.	10.0	20
24	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
25	Indoor Exposure to Products of Incomplete Combustion of Household Fuels in Rural Tibetan Plateau. <i>Environmental Science & Technology</i> , 2022, 56, 4711-4714.	10.0	11
26	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.	1.5	4
27	Atmospheric deposition of chlorinated and brominated polycyclic aromatic hydrocarbons in central Europe analyzed by GC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61360-61368.	5.3	3
28	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.	4.9	1
29	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.	10.0	0
30	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