

Yuan Gao

List of Publications by Citations

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39
papers

840
citations

16
h-index

28
g-index

41
ext. papers

1,067
ext. citations

8.5
avg, IF

4.23
L-index

#	Paper	IF	Citations
39	Widespread distribution of PET and PC microplastics in dust in urban China and their estimated human exposure. <i>Environment International</i> , 2019 , 128, 116-124	12.9	156
38	Environmental occurrence and distribution of short chain chlorinated paraffins in sediments and soils from the Liaohe River Basin, P. R. China. <i>Environmental Science & Technology</i> , 2012 , 46, 3771-8	10.3	128
37	Response Characteristics of Bisphenols on a Metal-Organic Framework-Based Tyrosinase Nanosensor. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16533-9	9.5	55
36	Congener-specific distribution and bioaccumulation of short-chain chlorinated paraffins in sediments and bivalves of the Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2014 , 79, 299-304	6.7	46
35	Dispersion of Short- and Medium-Chain Chlorinated Paraffins (CPs) from a CP Production Plant to the Surrounding Surface Soils and Coniferous Leaves. <i>Environmental Science & Technology</i> , 2016 , 50, 12759-12766	10.3	37
34	Diurnal variations of atmospheric polycyclic aromatic hydrocarbons (PAHs) during three sequent winter haze episodes in Beijing, China. <i>Science of the Total Environment</i> , 2018 , 625, 1486-1493	10.2	31
33	Optimized cleanup method for the determination of short chain polychlorinated n-alkanes in sediments by high resolution gas chromatography/electron capture negative ion-low resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 703, 187-93	6.6	31
32	Toxicokinetics of short-chain chlorinated paraffins in Sprague-Dawley rats following single oral administration. <i>Chemosphere</i> , 2016 , 145, 106-11	8.4	30
31	Integration of metabolomics and transcriptomics reveals short-chain chlorinated paraffin-induced hepatotoxicity in male Sprague-Dawley rat. <i>Environment International</i> , 2019 , 133, 105231	12.9	29
30	Quantification of Short-Chain Chlorinated Paraffins by Deuterodechlorination Combined with Gas Chromatography-Mass Spectrometry. <i>Environmental Science & Technology</i> , 2016 , 50, 3746-53	10.3	27
29	Hazy Weather-Induced Variation in Environmental Behavior of PCDD/Fs and PBDEs in Winter Atmosphere of A North China Megacity. <i>Environmental Science & Technology</i> , 2018 , 52, 8173-8182	10.3	26
28	Release and Gas-Particle Partitioning Behaviors of Short-Chain Chlorinated Paraffins (SCCPs) During the Thermal Treatment of Polyvinyl Chloride Flooring. <i>Environmental Science & Technology</i> , 2017 , 51, 9005-9012	10.3	25
27	Partitioning and removal behaviors of PCDD/Fs, PCBs and PCNs in a modern municipal solid waste incineration system. <i>Science of the Total Environment</i> , 2020 , 735, 139134	10.2	22
26	Spatial variation of PCDD/F and PCB emissions and their composition profiles in stack flue gas from the typical cement plants in China. <i>Chemosphere</i> , 2018 , 195, 491-497	8.4	19
25	Validation of a HRGC-ECNI/LRMS method to monitor short-chain chlorinated paraffins in human plasma. <i>Journal of Environmental Sciences</i> , 2019 , 75, 289-295	6.4	18
24	The chlorine contents and chain lengths influence the neurobehavioral effects of commercial chlorinated paraffins on zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2019 , 377, 172-178	12.8	16
23	Hexabromocyclododecane and tetrabromobisphenol A in sediments and paddy soils from Liaohe River Basin, China: Levels, distribution and mass inventory. <i>Journal of Environmental Sciences</i> , 2016 , 48, 209-217	6.4	15

22	Occurrence, distribution and source apportionment of polychlorinated naphthalenes (PCNs) in sediments and soils from the Liaohe River Basin, China. <i>Environmental Pollution</i> , 2016 , 211, 226-32	9.3	14
21	Molecular characterization of dissolved organic matters in winter atmospheric fine particulate matters (PM) from a coastal city of northeast China. <i>Science of the Total Environment</i> , 2019 , 689, 312-321 ^{10.2}	10.2	14
20	Levels and fingerprints of chlorinated aromatic hydrocarbons in fly ashes from the typical industrial thermal processes: Implication for the co-formation mechanism. <i>Chemosphere</i> , 2019 , 224, 298-305	8.4	12
19	Monitoring gas- and particulate-phase short-chain polychlorinated paraffins in the urban air of Dalian by a self-developed passive sampler. <i>Journal of Environmental Sciences</i> , 2019 , 80, 287-295	6.4	11
18	Concentrations and inhalation risk assessment of short-chain polychlorinated paraffins in the urban air of Dalian, China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 21203-21212	5.1	10
17	Vapor-phase sorption of hexachlorobenzene on typical municipal solid waste (MSW) incineration fly ashes, clay minerals and activated carbon. <i>Chemosphere</i> , 2010 , 81, 1012-7	8.4	10
16	A novel ultra-thin catalyst layer based on wheat ear-like catalysts for polymer electrolyte membrane fuel cells. <i>RSC Advances</i> , 2014 , 4, 58591-58595	3.7	9
15	Levels and patterns of polychlorinated dibenzo-p-dioxins and dibenzofurans and polychlorinated biphenyls in foodstuffs of animal origin from Chinese markets and implications of dietary exposure. <i>Environmental Pollution</i> , 2020 , 273, 116344	9.3	7
14	Accumulation characteristics and estimated dietary intakes of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and polychlorinated biphenyls in plant-origin foodstuffs from Chinese markets. <i>Science of the Total Environment</i> , 2021 , 775, 145830	10.2	7
13	The effect of toxic components on metabolomic response of male SD rats exposed to fine particulate matter. <i>Environmental Pollution</i> , 2021 , 272, 115922	9.3	7
12	Synergistic effect of mixed Cu and Fe oxides and chlorides on electrophilic chlorination of dibenzo-p-dioxin and dibenzofuran. <i>Science of the Total Environment</i> , 2020 , 721, 137563	10.2	6
11	Mechanistic aspects of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) formation from chlorine bleaching of non-wood pulp. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121652	12.8	4
10	Highly effective oxygen reduction activity and durability of antimony-doped tin oxide modified PtPd/C electrocatalysts. <i>RSC Advances</i> , 2015 , 5, 69479-69486	3.7	3
9	Levels and gas-particle partitioning of hexabromocyclododecanes in the urban air of Dalian, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27514-27523	5.1	3
8	Mass balance and elimination mechanism of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) during the kraft pulping process. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122819	12.8	3
7	Electrophilic chlorination of dibenzo-p-dioxin and dibenzofuran over composite copper and iron chlorides and oxides in combustion flue gas. <i>Chemosphere</i> , 2020 , 256, 127065	8.4	3
6	Inhibition Effect and Mechanism of Thiourea on Electrophilic Chlorination of Aromatics in Combustion Flue Gas. <i>Environmental Science & Technology</i> , 2021 , 55, 700-708	10.3	2
5	Suppressing the formation of chlorinated aromatics by inhibitor sodium thiocyanate in solid waste incineration process. <i>Science of the Total Environment</i> , 2021 , 798, 149154	10.2	1

4	FT-ICR mass spectrometry for molecular characterization of water-insoluble organic compounds in winter atmospheric fine particulate matters.. <i>Journal of Environmental Sciences</i> , 2022 , 111, 51-60	6.4	1
3	Accumulation characteristics of polychlorinated dibenzo-p-dioxins and dibenzofurans and polychlorinated biphenyls in human breast milk from a seaside city of North China.. <i>Environmental Pollution</i> , 2022 , 297, 118794	9.3	0
2	Molecular chemodiversity of water-soluble organic matter in atmospheric particulate matter and their associations with atmospheric conditions. <i>Science of the Total Environment</i> , 2021 , 809, 151171	10.2	0
1	Effect of urea on chlorinated aromatics formation mediated by copper and iron species in combustion flue gas. <i>Chemosphere</i> , 2021 , 280, 130963	8.4	