

Yuan Gao

List of Publications by Year in descending order

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39
papers

1,305
citations

394286

19
h-index

345118

36
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41
all docs

41
docs citations

41
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	315
2	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, 3771-3778.	4.6	151
3	Response Characteristics of Bisphenols on a Metal-Organic Framework-Based Tyrosinase Nanosensor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16533-16539.	4.0	72
4	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.	4.6	57
5	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.	2.3	53
6	Integration of metabolomics and transcriptomics reveals short-chain chlorinated paraffin-induced hepatotoxicity in male Sprague-Dawley rat. <i>Environment International</i> , 2019, 133, 105231.	4.8	48
7	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.	3.9	43
8	Toxicokinetics of short-chain chlorinated paraffins in Sprague-Dawley rats following single oral administration. <i>Chemosphere</i> , 2016, 145, 106-111.	4.2	39
9	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.	3.9	39
10	Quantification of Short-Chain Chlorinated Paraffins by Deuterodechlorination Combined with Gas Chromatography-Mass Spectrometry. <i>Environmental Science & Technology</i> , 2016, 50, 3746-3753.	4.6	36
11	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.	4.6	35
12	Molecular characterization of dissolved organic matters in winter atmospheric fine particulate matters (PM _{2.5}) from a coastal city of northeast China. <i>Science of the Total Environment</i> , 2019, 689, 312-321.	3.9	35
13	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.	4.6	34
14	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, 187-193.	2.6	33
15	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.	3.2	33
16	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.	6.5	32
17	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.	4.2	30
18	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, 226-232.	3.7	25

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19	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.	3.2	21
20	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.	2.7	16
21	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.	4.2	15
22	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.	3.2	15
23	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> , 2021, 273, 116344.	3.7	13
24	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.	3.9	12
25	Vapor-phase sorption of hexachlorobenzene on typical municipal solid waste (MSW) incineration fly ashes, clay minerals and activated carbon. <i>Chemosphere</i> , 2010, 81, 1012-1017.	4.2	11
26	The effect of toxic components on metabolomic response of male SD rats exposed to fine particulate matter. <i>Environmental Pollution</i> , 2021, 272, 115922.	3.7	11
27	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.	1.7	9
28	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.	3.9	9
29	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.	3.9	8
30	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.	6.5	7
31	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.	2.7	6
32	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.	6.5	6
33	Inhibition Effect and Mechanism of Thiourea on Electrophilic Chlorination of Aromatics in Combustion Flue Gas. <i>Environmental Science & Technology</i> , 2021, 55, 700-708.	4.6	6
34	Molecular chemodiversity of water-soluble organic matter in atmospheric particulate matter and their associations with atmospheric conditions. <i>Science of the Total Environment</i> , 2022, 809, 151171.	3.9	6
35	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.	3.7	6
36	Highly effective oxygen reduction activity and durability of antimony-doped tin oxide modified PtPd/C electrocatalysts. <i>RSC Advances</i> , 2015, 5, 69479-69486.	1.7	5

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37	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.	4.2	5
38	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.	3.2	5
39	Effect of urea on chlorinated aromatics formation mediated by copper and iron species in combustion flue gas. <i>Chemosphere</i> , 2021, 280, 130963.	4.2	0