

Dongqin Tan

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55
papers

1,822
citations

25
h-index

42
g-index

56
ext. papers

2,119
ext. citations

8.4
avg, IF

4.96
L-index

#	Paper	IF	Citations
55	3D metal-organic framework as highly efficient biosensing platform for ultrasensitive and rapid detection of bisphenol A. <i>Biosensors and Bioelectronics</i> , 2015 , 65, 295-301	11.8	149
54	Nanographene-based tyrosinase biosensor for rapid detection of bisphenol A. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 193-199	11.8	131
53	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
52	Bioaccumulation and trophic transfer of short chain chlorinated paraffins in a marine food web from Liaodong Bay, North China. <i>Environmental Science & Technology</i> , 2014 , 48, 5964-71	10.3	126
51	Emissions of PCDD/Fs from municipal solid waste incinerators in China. <i>Chemosphere</i> , 2009 , 75, 1153-8	8.4	126
50	Development of biosensor technologies for analysis of environmental contaminants. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 2, 25-32	12	72
49	Effects of short-chain chlorinated paraffins exposure on the viability and metabolism of human hepatoma HepG2 cells. <i>Environmental Science & Technology</i> , 2015 , 49, 3076-83	10.3	68
48	Highly selective dummy molecularly imprinted polymer as a solid-phase extraction sorbent for five bisphenols in tap and river water. <i>Journal of Chromatography A</i> , 2014 , 1343, 33-41	4.5	68
47	Highly class-selective solid-phase extraction of bisphenols in milk, sediment and human urine samples using well-designed dummy molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2014 , 1360, 9-16	4.5	59
46	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
45	Electrochemical biosensing platform based on amino acid ionic liquid functionalized graphene for ultrasensitive biosensing applications. <i>Biosensors and Bioelectronics</i> , 2014 , 62, 134-9	11.8	46
44	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
43	Determination of nine bisphenols in sewage and sludge using dummy molecularly imprinted solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1552, 10-16	4.5	43
42	Advances in sensing and biosensing of bisphenols: A review. <i>Analytica Chimica Acta</i> , 2018 , 998, 1-27	6.6	43
41	Developmental and metabolic responses of zebrafish (<i>Danio rerio</i>) embryos and larvae to short-chain chlorinated paraffins (SCCPs) exposure. <i>Science of the Total Environment</i> , 2018 , 622-623, 214-221	10.2	38
40	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
39	Short-chain chlorinated paraffins (SCCPs) induced thyroid disruption by enhancement of hepatic thyroid hormone influx and degradation in male Sprague Dawley rats. <i>Science of the Total Environment</i> , 2018 , 625, 657-666	10.2	30

38	Multiresidue determination and potential risks of emerging pesticides in aquatic products from Northeast China by LC-MS/MS. <i>Journal of Environmental Sciences</i> , 2018 , 63, 116-125	6.4	29
37	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
36	Robust Single-Molecule Enzyme Nanocapsules for Biosensing with Significantly Improved Biosensor Stability. <i>Analytical Chemistry</i> , 2020 , 92, 5830-5837	7.8	28
35	Dummy molecularly imprinted solid phase extraction of climbazole from environmental water samples. <i>Talanta</i> , 2019 , 196, 47-53	6.2	28
34	Concentrations of short- and medium-chain chlorinated paraffins in indoor dusts from malls in China: Implications for human exposure. <i>Chemosphere</i> , 2017 , 172, 103-110	8.4	27
33	Formation and emission of PCDD/Fs in Chinese non-wood pulp and paper mills. <i>Environmental Science & Technology</i> , 2012 , 46, 12234-40	10.3	27
32	Comparing the disrupting effects of short-, medium- and long-chain chlorinated Paraffins on cell viability and metabolism. <i>Science of the Total Environment</i> , 2019 , 685, 297-307	10.2	25
31	CoO nanoparticles supported mesoporous carbon framework interface for glucose biosensing. <i>Talanta</i> , 2019 , 203, 112-121	6.2	25
30	Amino acid ionic liquid modified mesoporous carbon: a tailor-made nanostructure biosensing platform. <i>ChemSusChem</i> , 2012 , 5, 1918-25	8.3	25
29	Multifunctionalized mesoporous silica as an efficient reversed-phase/anion exchange mixed-mode sorbent for solid-phase extraction of four acidic nonsteroidal anti-inflammatory drugs in environmental water samples. <i>Journal of Chromatography A</i> , 2017 , 1527, 10-17	4.5	22
28	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
27	Bioaccumulation and human health implications of essential and toxic metals in freshwater products of Northeast China. <i>Science of the Total Environment</i> , 2019 , 673, 768-776	10.2	21
26	Solid-phase extraction based on a molecularly imprinted polymer for the selective determination of four benzophenones in tap and river water. <i>Journal of Separation Science</i> , 2015 , 38, 3412-20	3.4	20
25	Controlled Manipulation of Metal-Organic Framework Layers to Nanometer Precision Inside Large Mesochannels of Ordered Mesoporous Silica for Enhanced Removal of Bisphenol A from Water. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 4328-4337	9.5	20
24	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
23	Phenyltrichlorosilane-functionalized magnesium oxide microspheres: Preparation, characterization and application for the selective extraction of dioxin-like polycyclic aromatic hydrocarbons in soils with matrix solid-phase dispersion. <i>Analytica Chimica Acta</i> , 2017 , 956, 14-23	6.6	18
22	Hyperbranched mixed-mode anion-exchange polymeric sorbent for highly selective extraction of nine acidic non-steroidal anti-inflammatory drugs from human urine. <i>Talanta</i> , 2018 , 190, 15-22	6.2	18
21	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

20	Short-chain chlorinated paraffins (SCCPs) disrupt hepatic fatty acid metabolism in liver of male rat via interacting with peroxisome proliferator-activated receptor α (PPAR α). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 181, 164-171	7	16
19	Kinetics of PCDD/Fs formation from non-wood pulp bleaching with chlorine. <i>Environmental Science & Technology</i> , 2014 , 48, 4361-7	10.3	16
18	Electrophilic Chlorination of Naphthalene in Combustion Flue Gas. <i>Environmental Science & Technology</i> , 2019 , 53, 5741-5749	10.3	15
17	Controllable growth of ZIF-8 layers with nanometer-level precision on SiO ₂ nano-powders via liquid phase epitaxy stepwise growth approach. <i>Microporous and Mesoporous Materials</i> , 2018 , 268, 268-275	5.3	14
16	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	14
15	Preparation of a reversed-phase/anion-exchange mixed-mode spherical sorbent by Pickering emulsion polymerization for highly selective solid-phase extraction of acidic pharmaceuticals from wastewater. <i>Journal of Chromatography A</i> , 2017 , 1521, 1-9	4.5	13
14	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
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	Sources and health risks of PM-bound polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) in a North China rural area. <i>Journal of Environmental Sciences</i> , 2020 , 95, 240-247	6.4	6
10	Polychlorinated dibenzo-p-dioxin and dibenzofuran precursors and formation mechanisms during non-woodpulp chlorine bleaching process. <i>Chemosphere</i> , 2018 , 211, 1-9	8.4	4
9	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
8	Exposure to short-chain chlorinated paraffins inhibited PPAR α -mediated fatty acid oxidation and stimulated aerobic glycolysis in vitro in human cells. <i>Science of the Total Environment</i> , 2021 , 772, 144957	10.2	4
7	Multi-omics analysis to reveal disorders of cell metabolism and integrin signaling pathways induced by PM. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127573	12.8	3
6	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
5	Effect of short-chain chlorinated paraffins on metabolic profiling of male SD rats. <i>Science of the Total Environment</i> , 2021 , 750, 141404	10.2	2
4	Characteristics of PAHs, PCDD/Fs, PCBs and PCNs in atmospheric fine particulate matter in Dalian, China. <i>Chemosphere</i> , 2022 , 288, 132488	8.4	1
3	Magnetic magnesium oxide composites for rapid removal of polycyclic aromatic hydrocarbons and cadmium ions from water. <i>Environmental Chemistry</i> , 2020 , 17, 479	3.2	1

- 2 Occurrence, accumulation, and health risks of heavy metals in Chinese market baskets.. *Science of the Total Environment*, **2022**, 154597 10.2 1
- 1 Effect of urea on chlorinated aromatics formation mediated by copper and iron species in combustion flue gas. *Chemosphere*, **2021**, 280, 130963 8.4