Xia-Lin Hu

List of Publications by Year
in descending order

48 papers	2,783 citations	201575 27 h-index	197736 49 g-index
52 all docs	52 docs citations	52 times ranked	3652 citing authors

#	Article	IF	Citations
1	Occurrence, distribution and seasonal variation of antibiotics in the Huangpu River, Shanghai, China. Chemosphere, 2011, 82, 822-828.	4.2	393
2	Prevalence of antibiotic resistance genes and their relationship with antibiotics in the Huangpu River and the drinking water sources, Shanghai, China. Science of the Total Environment, 2013, 458-460, 267-272.	3.9	299
3	Direct determination of chlorophenols in environmental water samples by hollow fiber supported ionic liquid membrane extraction coupled with high-performance liquid chromatography. Journal of Chromatography A, 2007, 1139, 165-170.	1.8	267
4	Ionic liquids in sample preparation. Analytical and Bioanalytical Chemistry, 2009, 393, 871-883.	1.9	163
5	Hollow fiber supported ionic liquid membrane microextraction for determination of sulfonamides in environmental water samples by high-performance liquid chromatography. Journal of Chromatography A, 2009, 1216, 6259-6266.	1.8	148
6	Adsorption of cadmium(II) on humic acid coated titanium dioxide. Journal of Colloid and Interface Science, 2012, 367, 241-248.	5.0	100
7	Electrochemical Biosensor Based on Tetrahedral DNA Nanostructures and G-Quadruplexâ€“Hemin Conformation for the Ultrasensitive Detection of MicroRNA-21 in Serum. Analytical Chemistry, 2019, 91, 7353-7359.	3.2	98
8	Phthalate monoesters as markers of phthalate contamination in wild marine organisms. Environmental Pollution, 2016, 218, 410-418.	3.7	84
9	Impacts of some environmentally relevant parameters on the sorption of polycyclic aromatic hydrocarbons to aqueous suspensions of fullerene. Environmental Toxicology and Chemistry, 2008, 27, 1868-1874.	2.2	80
10	Evaluating the effect of different modified microplastics on the availability of polycyclic aromatic hydrocarbons. Water Research, 2020, 170, 115290.	5.3	62
11	Characteristics of the alkylphenol and bisphenol A distributions in marine organisms and implications for human health: A case study of the East China Sea. Science of the Total Environment, 2016, 539, 460-469.	3.9	61
12	A Lab-in-a-Syringe Device Integrated with a Smartphone Platform: Colorimetric and Fluorescent Dual-Mode Signals for On-Site Detection of Organophosphorus Pesticides. ACS Applied Materials & Interfaces, 2021, 13, 48643-48652.	4.0	59
13	Nanomaterials Saferâ€byâ€Design: An Environmental Safety Perspective. Advanced Materials, 2018, 30, e1705691.	11.1	58
14	Ultrasensitive determination of cadmium in seawater by hollow fiber supported liquid membrane extraction coupled with graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 499-503.	1.5	56
15	Combined effects of titanium dioxide and humic acid on the bioaccumulation of cadmium in Zebrafish. Environmental Pollution, 2011, 159, 1151-1158.	3.7	53
16	Simultaneous solid phase extraction coupled with liquid chromatography tandem mass spectrometry and gas chromatography tandem mass spectrometry for the highly sensitive determination of 15 endocrine disrupting chemicals in seafood. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 965, 164-172.	1.2	53
17	MCX based solid phase extraction combined with liquid chromatography tandem mass spectrometry for the simultaneous determination of 31 endocrine-disrupting compounds in surface water of Shanghai. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2998-3004.	1.2	51
18	Ionic liquidâ€based singleâ€drop liquidâ€phase microextraction combined with highâ€performance liquid chromatography for the determination of sulfonamides in environmental water. Journal of Separation Science, 2012, 35, 452-458.	1.3	49

#	Article	IF	Citations
19	A novel signal amplification strategy based on the competitive reaction between 2D Cu-TCPP(Fe) and polyethyleneimine (PEI) in the application of an enzyme-free and ultrasensitive electrochemical immunosensor for sulfonamide detection. Biosensors and Bioelectronics, 2020, 150, 111883.	5.3	47
20	Occurrence of 25 pharmaceuticals in Taihu Lake and their removal from two urban drinking water treatment plants and a constructed wetland. Environmental Science and Pollution Research, 2017, 24, 14889-14902.	2.7	45
21	Distribution and relevance of iodinated X-ray contrast media and iodinated trihalomethanes in an aquatic environment. Chemosphere, 2017, 184, 253-260.	4.2	37
22	Equilibrium Sampling of Freely Dissolved Alkylphenols into a Thin Film of 1-Octanol Supported on a Hollow Fiber Membrane. Analytical Chemistry, 2006, 78, 8526-8534.	3.2	35
23	Oxidation of nanoscale zero-valent iron under sufficient and limited dissolved oxygen: Influences on aggregation behaviors. Chemosphere, 2015, 122, 8-13.	4.2	34
24	The effects of humic acid on the uptake and depuration of fullerene aqueous suspensions in two aquatic organisms. Environmental Toxicology and Chemistry, 2014, 33, 1090-1097.	2.2	33
25	Ionic liquids as mobile phase additives for highâ€performance liquid chromatography separation of phenoxy acid herbicides and phenols. Journal of Separation Science, 2009, 32, 4126-4132.	1.3	32
26	A novel fluorescence immunoassay based on AgNCs and ALP for ultrasensitive detection of sulfamethazine (SMZ) in environmental and biological samples. Talanta, 2019, 199, 72-79.	2.9	31
27	Determination of atrazine, desethyl atrazine and desisopropyl atrazine in environmental water samples using hollow fiber-protected liquid-phase microextraction and high performance liquid chromatography. Mikrochimica Acta, 2007, 158, 181-186.	2.5	29
28	Toxicity Prediction of Antibiotics on Luminescent Bacteria, Photobacterium phosphoreum, Based on Their Quantitative Structureâ€“Activity Relationship Models. Bulletin of Environmental Contamination and Toxicology, 2010, 85, 550-555.	1.3	26
29	Evaluating the impacts of some environmentally relevant factors on the availability of bisphenol A with negligible-depletion SPME. Chemosphere, 2006, 65, 1935-1941.	4.2	25
30	Bioavailability of organochlorine compounds in aqueous suspensions of fullerene: Evaluated with medaka (Oryzias latipes) and negligible depletion solid-phase microextraction. Chemosphere, 2010, 80, 693-700.	4.2	24
31	Simultaneous determination of 29 pharmaceuticals in fish muscle and plasma by ultrasonic extraction followed by SPEâ€“UHPLCâ€“MS/MS. Journal of Separation Science, 2018, 41, 2139-2150.	1.3	24
32	Electrochemical immunosensor based on Ag+-dependent CTAB-AuNPs for ultrasensitive detection of sulfamethazine. Biosensors and Bioelectronics, 2019, 144, 111643.	5.3	24
33	Effect of subcellular distribution on nC60 uptake and transfer efficiency from Scenedesmus obliquus to Daphnia magna. Ecotoxicology and Environmental Safety, 2016, 128, 213-221.	2.9	21
34	Bioaccumulation, distribution and elimination of lindane in Eisenia foetida: The aging effect. Chemosphere, 2018, 190, 350-357.	4.2	20
35	Combined effects of aqueous suspensions of fullerene and humic acid on the availability of polycyclic aromatic hydrocarbons: Evaluated with negligible depletion solid-phase microextraction. Science of the Total Environment, 2014, 493, 12-21.	3.9	19
36	Hollow fiber membrane supported thin liquid film extraction for determination of trace phenoxy acid herbicides and phenols in environmental water samples. Mikrochimica Acta, 2010, 168, 23-29.	2.5	18

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37	Solid-phase extraction coupled with ultra high performance liquid chromatography and electrospray tandem mass spectrometry for the highly sensitive determination of five iodinated X-ray contrast media in environmental water samples. Journal of Separation Science, 2015, 38, 1998-2005.	1.3	18
38	Fullereneâ€associated phenanthrene contributes to bioaccumulation but is not toxic to fish. Environmental Toxicology and Chemistry, 2015, 34, 1023-1030.	2.2	18
39	Fullerene inhibits benzo(a)pyrene Efflux from Cyprinus carpio hepatocytes by affecting cell membrane fluidity and P-glycoprotein expression. Aquatic Toxicology, 2016, 174, 36-45.	1.9	18
40	Distribution of 31 endocrine-disrupting compounds in the Taihu Lake and application of the fish plasma model. Environmental Sciences Europe, 2020, 32, .	2.6	14
41	DEVELOPMENT OF NEGLIGIBLE DEPLETION HOLLOW FIBER-PROTECTED LIQUID-PHASE MICROEXTRACTION FOR SENSING FREELY DISSOLVED TRIAZINES. Environmental Toxicology and Chemistry, 2009, 28, 231.	2.2	11
42	The effect of nC 60 on tissue distribution of ibuprofen in Cyprinus carpio. Science of the Total Environment, 2014, 496, 453-460.	3.9	11
43	Development of molecular docking-based binding energy to predict the joint effect of BPA and its analogs. Human and Experimental Toxicology, 2011, 30, 318-327.	1.1	10
44	The distributions, removals and estrogenic effects of selected endocrine disrupting chemicals in two drinking water factories in China. Journal of Water and Health, 2013, 11, 41-50.	1.1	10
45	Bioaccessibility evaluation of pharmaceuticals in market fish with in vitro simulated digestion. Journal of Hazardous Materials, 2021, 411, 125039.	6.5	7
46	The decreasing aggregation of nanoscale zero-valent iron induced by trivalent chromium. Environmental Chemistry, 2017, 14, 99.	0.7	4
47	Safety of Nanomaterials: Nanomaterials Safer-by-Design: An Environmental Safety Perspective (Adv.) Tj ETQq1 1 0.784314 rgBT /Over	11.1	1
48	Oxidized nanoscale zero-valent iron changed the bioaccumulation and distribution of chromium in zebrafish. Chemosphere, 2021, 263, 128001.	4.2	1