Yaqi Cai

List of Publications by Year
in descending order

164	9,923	25014	39638
papers	citations	57	94
		h-index	g-index

170	170	170	10077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiwalled Carbon Nanotubes as a Solid-Phase Extraction Adsorbent for the Determination of Bisphenol A, 4-n-Nonylphenol, and 4-tert-Octylphenol. Analytical Chemistry, 2003, 75, 2517-2521.	3.2	502
2	Occurrence of antibiotics in water, sediments, aquatic plants, and animals from Baiyangdian Lake in North China. Chemosphere, 2012, 89, 1307-1315.	4.2	422
3	Preparation of silica-magnetite nanoparticle mixed hemimicelle sorbents for extraction of several typical phenolic compounds from environmental water samples. Journal of Chromatography A, 2008, 1188, 140-147.	1.8	358
4	Occurrence of antibiotics in eight sewage treatment plants in Beijing, China. Chemosphere, 2012, 86, 665-671.	4.2	310
5	Occurrence and Transport of Perfluoroalkyl Acids (PFAAs), Including Short-Chain PFAAs in Tangxun Lake, China. Environmental Science & Technology, 2013, 47, 9249-9257.	4.6	250
6	Occurrence, distribution and seasonal variation of organophosphate flame retardants and plasticizers in urban surface water in Beijing, China. Environmental Pollution, 2016, 209, 1-10.	3.7	225
7	Human Exposure and Elimination Kinetics of Chlorinated Polyfluoroalkyl Ether Sulfonic Acids (Cl-PFESAs). Environmental Science & Technology, 2016, 50, 2396-2404.	4.6	224
8	Preparation of carbon coated Fe3O4 nanoparticles and their application for solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. Journal of Chromatography A, 2010, 1217, 4757-4764.	1.8	210
9	Facile Synthesis of Magnetic Covalent Organic Framework with Three-Dimensional Bouquet-Like Structure for Enhanced Extraction of Organic Targets. ACS Applied Materials & Interfaces, 2017, 9, 2959-2965.	4.0	204
10	Mixed hemimicelles solid-phase extraction based on cetyltrimethylammonium bromide-coated nano-magnets Fe3O4 for the determination of chlorophenols in environmental water samples coupled with liquid chromatography/spectrophotometry detection. Journal of Chromatography A, 2008, 1180, 24-31.	1.8	193
11	Synthesis of magnetic metal-organic framework (MOF) for efficient removal of organic dyes from water. Scientific Reports, 2015, 5, 11849.	1.6	193
12	Tissue Distribution and Whole Body Burden of the Chlorinated Polyfluoroalkyl Ether Sulfonic Acid F-53B in Crucian Carp (<i>Carassius carassius</i>): Evidence for a Highly Bioaccumulative Contaminant of Emerging Concern. Environmental Science & Technology, 2015, 49, 14156-14165.	4.6	191
13	In situ growth of gold nanoparticles onto polydopamine-encapsulated magnetic microspheres for catalytic reduction of nitrobenzene. Applied Catalysis B: Environmental, 2013, 134-135, 26-33.	10.8	176
14	Analysis of phthalates via HPLC-UV in environmental water samples after concentration by solid-phase extraction using ionic liquid mixed hemimicelles. Talanta, 2008, 74, 498-504.	2.9	154
15	MOF derived porous carbon supported Cu/Cu 2 O composite as high performance non-noble catalyst. Microporous and Mesoporous Materials, 2016, 219, 48-53.	2.2	145
16	A novel Fe3O4â€“grapheneâ€“Au multifunctional nanocomposite: green synthesis and catalytic application. Journal of Materials Chemistry, 2012, 22, 18658.	6.7	144
17	Highly Elevated Serum Concentrations of Perfluoroalkyl Substances in Fishery Employees from Tangxun Lake, China. Environmental Science & Technology, 2014, 48, 3864-3874.	4.6	137
18	Probing the Differential Tissue Distribution and Bioaccumulation Behavior of Per- and Polyfluoroalkyl Substances of Varying Chain-Lengths, Isomeric Structures and Functional Groups in Crucian Carp. Environmental Science & Technology, 2018, 52, 4592-4600.	4.6	136

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19	Determination of perfluorinated compounds in wastewater and river water samples by mixed hemimicelle-based solid-phase extraction before liquid chromatographyâ€“electrospray tandem mass spectrometry detection. Journal of Chromatography A, 2007, 1154, 52-59.	1.8	134
20	Platform for molecular-material dual regulation: A direct Z-scheme MOF/COF heterojunction with enhanced visible-light photocatalytic activity. Applied Catalysis B: Environmental, 2019, 247, 49-56.	10.8	134
21	Occurrence, fate and risk assessment of parabens and their chlorinated derivatives in an advanced wastewater treatment plant. Journal of Hazardous Materials, 2015, 300, 29-38.	6.5	131
22	Continuous generation of hydroxyl radicals for highly efficient elimination of chlorophenols and phenols catalyzed by heterogeneous Fenton-like catalysts yolk/shell Pd@Fe3O4@metal organic frameworks. Journal of Hazardous Materials, 2018, 346, 174-183.	6.5	124
23	Occurrence of perfluorinated compounds in fish from Qinghai-Tibetan Plateau. Environment International, 2010, 36, 46-50.	4.8	122
24	Triazine functionalized fully conjugated covalent organic framework for efficient photocatalysis. Applied Catalysis B: Environmental, 2020, 269, 118799.	10.8	117
25	Perchlorate in sewage sludge, rice, bottled water and milk collected from different areas in China. Environment International, 2007, 33, 955-962.	4.8	116
26	Emissions, Transport, and Fate of Emerging Per- and Polyfluoroalkyl Substances from One of the Major Fluoropolymer Manufacturing Facilities in China. Environmental Science & Technology, 2018, 52, 9694-9703.	4.6	115
27	Immobilizing silver nanoparticles onto the surface of magnetic silica composite to prepare magnetic disinfectant with enhanced stability and antibacterial activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 375, 186-192.	2.3	103
28	Modifying the surface of Fe3O4/SiO2 magnetic nanoparticles with C18/NH2 mixed group to get an efficient sorbent for anionic organic pollutants. Journal of Colloid and Interface Science, 2011, 362, 107-112.	5.0	102
29	Targeted synthesis of visible-light-driven covalent organic framework photocatalyst via molecular design and precise construction. Applied Catalysis B: Environmental, 2018, 239, 147-153.	10.8	99
30	Evaluation of carbon nanotubes as a solid-phase extraction adsorbent for the extraction of cephalosporins antibiotics, sulfonamides and phenolic compounds from aqueous solution. Analytica Chimica Acta, 2007, 594, 81-92.	2.6	94
31	Occurrence and fate of volatile siloxanes in a municipal Wastewater Treatment Plant of Beijing, China. Water Research, 2013, 47, 715-724.	5.3	93
32	Strengthened Fenton degradation of phenol catalyzed by core/shell Feâ€“Pd@C nanocomposites derived from mechanochemically synthesized Fe-Metal organic frameworks. Water Research, 2019, 162, 151-160.	5.3	93
33	Characterizing direct emissions of perfluoroalkyl substances from ongoing fluoropolymer production sources: A spatial trend study of Xiaoqing River, China. Environmental Pollution, 2015, 206, 104-112.	3.7	90
34	Organophosphate esters and their metabolites in paired human whole blood, serum, and urine as biomarkers of exposure. Environment International, 2020, 139, 105698.	4.8	89
35	A liquidâ€“liquid extraction technique for phthalate esters with water-soluble organic solvents by adding inorganic salts. Mikrochimica Acta, 2007, 157, 73-79.	2.5	88
36	Discovery of a Novel Polyfluoroalkyl Benzenesulfonic Acid around Oilfields in Northern China. Environmental Science & Technology, 2017, 51, 14173-14181.	4.6	86

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37	Adsorption of di-ethyl-phthalate from aqueous solutions with surfactant-coated nano/microsized alumina. Chemical Engineering Journal, 2008, 140, 214-220.	6.6	82
38	Enhanced catalytic application of Au@polyphenol-metal nanocomposites synthesized by a facile and green method. Journal of Materials Chemistry A, 2014, 2, 14807.	5.2	82
39	Construction of a superior visible-light-driven photocatalyst based on a C₃N₄ active centre-photoelectron shift platform-electron withdrawing unit triadic structure covalent organic framework. Chemical Communications, 2017, 53, 9636-9639.	2.2	82
40	Tissue distribution of perfluorinated compounds in farmed freshwater fish and human exposure by consumption. Environmental Toxicology and Chemistry, 2012, 31, 717-723.	2.2	81
41	A double-shelled yolk-like structure as an ideal magnetic support of tiny gold nanoparticles for nitrophenol reduction. Journal of Materials Chemistry A, 2013, 1, 11641.	5.2	81
42	Comprehensive characterization of natural organic matter by MALDI- and ESI-Fourier transform ion cyclotron resonance mass spectrometry. Analytica Chimica Acta, 2015, 866, 48-58.	2.6	80
43	Occurrence and distribution of organophosphate triesters and diesters in sludge from sewage treatment plants of Beijing, China. Science of the Total Environment, 2016, 544, 143-149.	3.9	80
44	Cu/Cu2O/CuO loaded on the carbon layer derived from novel precursors with amazing catalytic performance. Science of the Total Environment, 2016, 571, 380-387.	3.9	75
45	Spatial distribution, temporal variation and risks of parabens and their chlorinated derivatives in urban surface water in Beijing, China. Science of the Total Environment, 2016, 539, 262-270.	3.9	72
46	Pilot Investigation of Perfluorinated Compounds in River Water, Sediment, Soil and Fish in Tianjin, China. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 152-157.	1.3	71
47	Assembly of a Nanoreactor System with Confined Magnetite Core and Shell for Enhanced Fentonâ€Like Catalysis. Chemistry - A European Journal, 2014, 20, 6474-6481.	1.7	70
48	Accurate design of hollow/tubular porous g-C3N4 from melamine-cyanuric acid supramolecular prepared with mechanochemical method. Chemical Engineering Journal, 2021, 411, 128400.	6.6	67
49	A review of organophosphate esters in indoor dust, air, hand wipes and silicone wristbands: Implications for human exposure. Environment International, 2021, 146, 106261.	4.8	64
50	Concentrations, distribution, and bioaccumulation of synthetic musks in the Haihe River of China. Chemosphere, 2011, 84, 1630-1635.	4.2	63
51	Methyl siloxanes in environmental matrices and human plasma/fat from both general industries and residential areas in China. Science of the Total Environment, 2015, 505, 454-463.	3.9	63
52	Occurrence, distribution and risk of organophosphate esters in urban road dust in Beijing, China. Environmental Pollution, 2018, 241, 566-575.	3.7	63
53	Cetyltrimethylammonium bromide-coated titanate nanotubes for solid-phase extraction of phthalate esters from natural waters prior to high-performance liquid chromatography analysis. Journal of Chromatography A, 2007, 1172, 113-120.	1.8	62
54	Concentrations and distribution of synthetic musks and siloxanes in sewage sludge of wastewater treatment plants in China. Science of the Total Environment, 2014, 476-477, 65-72.	3.9	62

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55	Identification, Tissue Distribution, and Bioaccumulation Potential of Cyclic Perfluorinated Sulfonic Acids Isomers in an Airport Impacted Ecosystem. Environmental Science & Technology, 2016, 50, 10923-10932.	4.6	62
56	Ultrasensitive Determination of Tetrabromobisphenol A by Covalent Organic Framework Based Solid Phase Microextraction Coupled with Constant Flow Desorption Ionization Mass Spectrometry. Analytical Chemistry, 2019, 91, 772-775.	3.2	60
57	Determination of sulfonamide compounds in sewage and river by mixed hemimicelles solid-phase extraction prior to liquid chromatographyâ€“spectrophotometry. Journal of Chromatography A, 2007, 1139, 178-184.	1.8	59
58	Concentrations of perfluorinated compounds in human blood from twelve cities in China. Environmental Toxicology and Chemistry, 2010, 29, 2695-2701.	2.2	58
59	Solid-phase extraction of sulfonylurea herbicides from water samples with single-walled carbon nanotubes disk. Mikrochimica Acta, 2009, 164, 431-438.	2.5	57
60	Covalent-organic frameworks as adsorbent and matrix of SALDI-TOF MS for the enrichment and rapid determination of fluorochemicals. Talanta, 2019, 194, 522-527.	2.9	57
61	Stable hierarchical microspheres of 1D Feâ€“gallic acid MOFs for fast and efficient Cr(<scp>vi</scp>) elimination by a combination of reduction, metal substitution and coprecipitation. Journal of Materials Chemistry A, 2017, 5, 16600-16604.	5.2	56
62	Effect of fireworks display on perchlorate in air aerosols during the Spring Festival. Atmospheric Environment, 2011, 45, 1323-1327.	1.9	53
63	Using hair, nail and urine samples for human exposure assessment of legacy and emerging per- and polyfluoroalkyl substances. Science of the Total Environment, 2018, 636, 383-391.	3.9	53
64	Investigation of Fluoroquinolones, Sulfonamides and Macrolides in Long-Term Wastewater Irrigation Soil in Tianjin, China. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 857-861.	1.3	51
65	Occurrence and distribution of antibiotics in urban soil in Beijing and Shanghai, China. Environmental Science and Pollution Research, 2015, 22, 11360-11371.	2.7	51
66	Evaluation of perfluorinated compounds in seven wastewater treatment plants in Beijing urban areas. Science China Chemistry, 2011, 54, 552-558.	4.2	48
67	Surfactant-modified flowerlike layered double hydroxide-coated magnetic nanoparticles for preconcentration of phthalate esters from environmental water samples. Journal of Chromatography A, 2015, 1414, 22-30.	1.8	48
68	Occurrence, distribution, air-seawater exchange and atmospheric deposition of organophosphate esters (OPEs) from the Northwestern Pacific to the Arctic Ocean. Marine Pollution Bulletin, 2020, 157, 111243.	2.3	48
69	Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection. Journal of Chromatography A, 2005, 1085, 98-103.	1.8	45
70	Selenium speciation by high-performance anion-exchange chromatographyâ€“post-column UV irradiation coupled with atomic fluorescence spectrometry. Journal of Chromatography A, 2006, 1118, 139-143.	1.8	44
71	One-step fabrication of high quantum yield sulfur- and nitrogen-doped carbon dots for sensitive and selective detection of Cr(<scp>vi</scp>). RSC Advances, 2016, 6, 107717-107722.	1.7	44
72	Facile loading of Ag nanoparticles onto magnetic microsphere by the aid of a tannic acidâ€”Metal polymer layer to synthesize magnetic disinfectant with high antibacterial activity. Journal of Hazardous Materials, 2018, 342, 392-400.	6.5	44

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73	Tissue distribution and bioaccumulation of a novel polyfluoroalkyl benzenesulfonate in crucian carp. Environment International, 2020, 135, 105418.	4.8	44
74	Constructing chemical stable 4-carboxyl-quinoline linked covalent organic frameworks via Doebner reaction for nanofiltration. Nature Communications, 2022, 13, 2615.	5.8	42
75	Distribution, Elimination, and Rearrangement of Cyclic Volatile Methylsiloxanes in Oil-Contaminated Soil of the Shengli Oilfield, China. Environmental Science & Technology, 2015, 49, 11527-11535.	4.6	41
76	Ion Accumulation Time Dependent Molecular Characterization of Natural Organic Matter Using Electrospray Ionization-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Analytical Chemistry, 2016, 88, 12210-12218.	3.2	41
77	Rapid determination of small molecule pollutants using metal-organic frameworks as adsorbent and matrix of MALDI-TOF-MS. Microporous and Mesoporous Materials, 2017, 239, 390-395.	2.2	41
78	Occurrence and human exposure of parabens and their chlorinated derivatives in swimming pools. Environmental Science and Pollution Research, 2015, 22, 17987-17997.	2.7	40
79	A highly selective dispersive liquidâ€“liquid microextraction approach based on the unique fluorous affinity for the extraction and detection of per- and polyfluoroalkyl substances coupled with high performance liquid chromatography tandemâ€“mass spectrometry. Journal of Chromatography A, 2018, 1544, 1-7.	1.8	39
80	Bio-related applications of porous organic frameworks (POFs). Journal of Materials Chemistry B, 2019, 7, 2398-2420.	2.9	34
81	Exposure to organophosphate esters in elderly people: Relationships of OPE body burdens with indoor air and dust concentrations and food consumption. Environment International, 2021, 157, 106803.	4.8	33
82	Methylsiloxanes in children silicone-containing products from China: Profiles, leaching, and children exposure. Environment International, 2017, 101, 165-172.	4.8	32
83	Occurrence of synthetic musk fragrances in human blood from 11 cities in China. Environmental Toxicology and Chemistry, 2010, 29, 1877-1882.	2.2	31
84	Perfluorinated compounds in milk, milk powder and yoghurt purchased from markets in China. Science Bulletin, 2010, 55, 1020-1025.	1.7	30
85	Preparation and characterization of layer-by-layer assembly of thiols/Ag nanoparticles/polydopamine on PET bottles for the enrichment of organic pollutants from water samples. Journal of Materials Chemistry, 2012, 22, 15644.	6.7	30
86	Methyl siloxanes in barbershops and residence indoor dust and the implication for human exposures. Science of the Total Environment, 2018, 618, 1324-1330.	3.9	30
87	Coexposed nanoparticulate Ag alleviates the acute toxicity induced by ionic Ag+ in vivo. Science of the Total Environment, 2020, 723, 138050.	3.9	30
88	Preparation of Octadecyl and Amino Mixed Group Modified Titanate Nanotubes and Its Efficient Adsorption to Several Ionic or Ionizable Organic Analytes. Analytical Chemistry, 2009, 81, 9913-9920.	3.2	28
89	Biomonitoring of chlorinated polyfluoroalkyl ether sulfonic acid in the general population in central and eastern China: Occurrence and associations with age/sex. Environment International, 2020, 144, 106043.	4.8	28
90	Mechanochemical Construction 2D/2D Covalent Organic Nanosheets Heterojunctions Based on Substoichiometric Covalent Organic Frameworks. ACS Applied Materials & Interfaces, 2021, 13, 42035-42043.	4.0	28

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91	Covalent organic frameworks with tunable pore sizes enhanced solid-phase microextraction direct ionization mass spectrometry for ultrasensitive and rapid analysis of tetrabromobisphenol A derivatives. Science of the Total Environment, 2021, 764, 144388.	3.9	27
92	Solid-Phase Extraction of Several Phthalate Esters from Environmental Water Samples on a Column Packed with Polytetrafluoroethylene Turnings. Analytical Sciences, 2003, 19, 1491-1494.	0.8	26
93	Determination of organophosphate esters in water samples by mixedâ€mode liquid chromatography and tandem mass spectrometry. Journal of Separation Science, 2015, 38, 2193-2200.	1.3	26
94	Occurrence and profiles of methylsiloxanes and their hydrolysis product in aqueous matrices from the Daqing oilfield in China. Science of the Total Environment, 2018, 631-632, 879-886.	3.9	26
95	Spatial distribution, seasonal variation and risks of legacy and emerging per- and polyfluoroalkyl substances in urban surface water in Beijing, China. Science of the Total Environment, 2019, 673, 177-183.	3.9	26
96	Ultrafine Pd nanoparticles loaded benzothiazole-linked covalent organic framework for efficient photocatalytic Câ€“C cross-coupling reactions. RSC Advances, 2020, 10, 29402-29407.	1.7	24
97	Single-crystalline Fe7S8/Fe3O4 coated zero-valent iron synthesized with vacuum chemical vapor deposition technique: Enhanced reductive, oxidative and photocatalytic activity for water purification. Journal of Hazardous Materials, 2021, 401, 123442.	6.5	24
98	Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection. Journal of Chromatography A, 2005, 1085, 124-130.	1.8	23
99	Reprint of: Concentrations, distribution, and bioaccumulation of synthetic musks in the Haihe River of China. Chemosphere, 2011, 85, 262-267.	4.2	23
100	Assessment of Synthetic Musk Fragrances in Seven Wastewater Treatment Plants of Beijing, China. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 302-306.	1.3	23
101	Synthetic musk fragrances and heavy metals in snow samples of Beijing urban area, China. Atmospheric Research, 2012, 104-105, 302-305.	1.8	23
102	Chlorinated polyfluoroalkyl ether sulfonic acids in fish, dust, drinking water and human serum: From external exposure to internal doses. Environment International, 2021, 157, 106820.	4.8	23
103	Review of recent findings on occurrence and fates of siloxanes in environmental compartments. Ecotoxicology and Environmental Safety, 2021, 224, 112631.	2.9	22
104	One-pot synthesis of C18-functionalized coreâ€“shell magnetic mesoporous silica composite as efficient sorbent for organic dye. Journal of Colloid and Interface Science, 2015, 448, 189-196.	5.0	21
105	Methylsiloxanes Release from One Landfill through Yearly Cycle and Their Removal Mechanisms (Especially Hydroxylation) In Leachates. Environmental Science & Technology, 2017, 51, 12337-12346.	4.6	21
106	Determination of Sialic Acid in Milk and Products Using High Performance Anion-Exchange Chromatography Coupled with Pulsed Amperometric Detection. Chinese Journal of Analytical Chemistry, 2008, 36, 1535-1538.	0.9	20
107	Fabrication of magnetic mesoporous carbon and its application for adsorptive removal of 2,4,6-trichlorophenol (TCP) from aqueous solution. CrystEngComm, 2014, 16, 5598.	1.3	20
108	Occurrence and risk of chlorinated polyfluoroalkyl ether sulfonic acids (Cl-PFESAs) in seafood from markets in Beijing, China. Science of the Total Environment, 2020, 726, 138538.	3.9	20

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109	High performance liquid chromatography determination of 4-nonylphenol, 4-tert-octylphenol, and their short ethoxyl chain polyethoxylates in water samples using a microporous membrane liquid-liquid extraction sample pretreatment technique. Journal of Separation Science, 2003, 26, 823-828.	1.3	19
110	One-pot molten salt method for constructing CdS/C3N4 nanojunctions with highly enhanced photocatalytic performance for hydrogen evolution reaction. Journal of Environmental Sciences, 2022, 112, 244-257.	3.2	19
111	Highly selective naphthalimide-based fluorescent probe for direct hydrogen sulfide detection in the environment. RSC Advances, 2014, 4, 33626-33628.	1.7	18
112	Determination of sugars and alditols in tobacco with high performance anionâ€exchange chromatography. Journal of Separation Science, 2007, 30, 2160-2166.	1.3	17
113	Perfluorooctane sulfonate (PFOS) and other fluorochemicals in viscera and muscle of farmed pigs and chickens in Beijing, China. Science Bulletin, 2010, 55, 3550-3555.	1.7	17
114	Identification and Elimination of Fluorinated Methylsiloxanes in Environmental Matrices near a Manufacturing Plant in Eastern China. Environmental Science & Technology, 2018, 52, 12235-12243.	4.6	17
115	Multifunctional Au NPs-polydopamine-polyvinylidene fluoride membrane chips as probe for enrichment and rapid detection of organic contaminants. Talanta, 2018, 181, 340-345.	2.9	16
116	Penetration of Organophosphate Triesters and Diesters across the Bloodâ€“Cerebrospinal Fluid Barrier: Efficiencies, Impact Factors, and Mechanisms. Environmental Science & Technology, 2022, 56, 8221-8230.	4.6	16
117	Rapidly detecting tetrabromobisphenol A in soils and sediments by paper spray ionization mass spectrometry combined with isotopic internal standard. Talanta, 2019, 191, 272-276.	2.9	15
118	A Matrix-Correction Approach to Estimate the Bioaccumulation Potential of Emerging PFASs. Environmental Science & Technology, 2020, 54, 1005-1013.	4.6	15
119	Increased Human Exposure to Organophosphate Esters via Ingestion of Drinking Water from Water Dispensers: Sources, Influencing Factors, and Exposure Assessment. Environmental Science and Technology Letters, 2021, 8, 884-889.	3.9	15
120	Chlorinated Methylsiloxanes Generated in the Papermaking Process and Their Fate in Wastewater Treatment Processes. Environmental Science & Technology, 2016, 50, 12732-12741.	4.6	14
121	Chlorinated-Methylsiloxanes in Shengli Oilfield: Their Generation in Oil-Production Wastewater Treatment Plant and Presence in the Surrounding Soils. Environmental Science & Technology, 2019, 53, 3558-3567.	4.6	14
122	Porous covalent organic frameworks-improved solid phase microextraction ambient mass spectrometry for ultrasensitive analysis of tetrabromobisphenol-A analogs. Chinese Chemical Letters, 2022, 33, 3849-3852.	4.8	14
123	Determination of alkyl ammonium ionic liquid cations by hydrophilic interaction liquid chromatography and its application in analysis of environmental water. Analytical Methods, 2018, 10, 2812-2820.	1.3	13
124	Distribution of methylsiloxanes in benthic mollusks from the Chinese Bohai Sea. Journal of Environmental Sciences, 2019, 76, 199-207.	3.2	13
125	Optimizing the Quadruple-potential Waveform for the Determination of Gentamicin Sulfate by High Performance Liquid Chromatography with Pulsed Electrochemical Detection. Chinese Journal of Chemistry, 2005, 23, 1207-1212.	2.6	12
126	Perfluorinated compounds in blood of textile workers and barbers. Chinese Chemical Letters, 2014, 25, 1145-1148.	4.8	12

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127	Synthesis of flower-shaped ZrO2â€“C composites for adsorptive removal of trichlorophenol from aqueous solution. RSC Advances, 2015, 5, 77175-77183.	1.7	12
128	Simultaneous and direct analysis of multiple types of organic contaminants in water based on a MOF decorated with a suitable quantity of Au nanoparticles, using SALDI-TOF MS. RSC Advances, 2016, 6, 99919-99923.	1.7	12
129	Receptor-Bound Perfluoroalkyl Carboxylic Acids Dictate Their Activity on Human and Mouse Peroxisome Proliferator-Activated Receptor Î³. Environmental Science & Technology, 2020, 54, 9529-9536.	4.6	12
130	A Highly Selective Extraction Approach for Per- and Polyfluoroalkyl Substances Based on Protein Affinity. Analytical Chemistry, 2020, 92, 8675-8679.	3.2	12
131	Emissions, Isomer-Specific Environmental Behavior, and Transformation of OBS from One Major Fluorochemical Manufacturing Facility in China. Environmental Science & Technology, 2022, 56, 8103-8113.	4.6	12
132	A Novel Simplified Column-Switching Technique for the Determination of Traces of Bromate in High Concentration Matrices. Mikrochimica Acta, 2006, 154, 213-219.	2.5	11
133	A Facile and Efficient Method for Continuous Reduction of Nitroaromatic Compounds Through the Cyclic Transformation Between Fe(II)-complexes and Nano Zero-valent Iron. ChemistrySelect, 2016, 1, 2821-2825.	0.7	11
134	Activation of Biochars by Waste Phosphoric Acids: An Integrated Disposal Route of Waste Acids and Solid Waste. ACS Sustainable Chemistry and Engineering, 2021, 9, 16403-16414.	3.2	11
135	Emerging and Legacy Per- and Polyfluoroalkyl Substances in an Elderly Population in Jinan, China: The Exposure Level, Short-Term Variation, and Intake Assessment. Environmental Science & Technology, 2022, 56, 7905-7916.	4.6	11
136	Direct amino acid analysis method for speciation of selenoamino acids using high-performance anion-exchange chromatography coupled with integrated pulsed amperometric detection. Journal of Chromatography A, 2006, 1118, 134-138.	1.8	10
137	Determination of morpholinium ionic liquid cations in environmental water samples: development of solid-phase extraction method and ion chromatography. Analytical and Bioanalytical Chemistry, 2019, 411, 3427-3434.	1.9	10
138	Methylsiloxanes in petroleum refinery facility: Their sources, emissions, environmental distributions and occupational exposure. Environment International, 2021, 152, 106471.	4.8	10
139	An on-line solid phase extractionâ€“liquid chromatography tandem mass spectrometry method for the determination of perfluoroalkyl substances in the Antarctic ice core samples. Chinese Chemical Letters, 2015, 26, 1073-1078.	4.8	9
140	Sources and Fate of Cyclic Phenylmethylsiloxanes in One Municipal Wastewater Treatment Plant and Biosolids-Amended Soil. Environmental Science & Technology, 2018, 52, 9835-9844.	4.6	9
141	Optimization of multi-residue method for targeted screening and quantification of 216 harmful chemicals in plastic childrenâ€™s toys by gas chromatography-tandem mass spectrometry analysis. Journal of Chromatography A, 2019, 1603, 311-326.	1.8	9
142	Phenylmethylsiloxanes and trifluoropropylmethylsiloxanes in municipal sludges from wastewater treatment plants in China: Their distribution, degradation and risk assessment. Water Research, 2020, 185, 116224.	5.3	9
143	Temporal and spatial variation, input fluxes and risk assessment of cyclic methylsiloxanes in Rivers-Bohai Sea System. Ecotoxicology and Environmental Safety, 2022, 231, 113169.	2.9	9
144	Occurrence of Legacy and Emerging Poly- and Perfluoroalkyl Substances in Fluorocarbon Paint and Their Implications for Emissions in China. Environmental Science and Technology Letters, 2021, 8, 968-974.	3.9	8

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145	Identification of protein tyrosine phosphatase SHP-2 as a new target of perfluoroalkyl acids in HepG2 cells. Archives of Toxicology, 2017, 91, 1697-1707.	1.9	7
146	A feasible strategy to improve confident elemental composition determination of compounds in complex organic mixture such as natural organic matter by FTICR-MS without internal calibration. Science of the Total Environment, 2021, 751, 142255.	3.9	6
147	Wood preservatives in childrenâ€™s wooden toys from China: Distribution, migration, oral exposure, and risk assessment. Ecotoxicology and Environmental Safety, 2021, 209, 111786.	2.9	6
148	Distribution and Elimination of Trifluoropropylmethylsiloxane Oligomers in Both Biosolid-Amended Soils and Earthworms. Environmental Science & Technology, 2021, 55, 985-993.	4.6	6
149	Migration regularity of six preservatives from wooden children's products to saliva and sweat based on microstructure-related migration models. Ecotoxicology and Environmental Safety, 2019, 173, 149-155.	2.9	5
150	Methylsiloxanes and Their Brominated Products in One e-Waste Recycling Area in China: Emission, Environmental Distribution, and Elimination. Environmental Science & Technology, 2020, 54, 4267-4274.	4.6	5
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