

Yaqi Cai

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159
papers

7,335
citations

50
h-index

81
g-index

170
ext. papers

8,613
ext. citations

8.2
avg, IF

6.31
L-index

#	Paper	IF	Citations
159	Multiwalled carbon nanotubes as a solid-phase extraction adsorbent for the determination of bisphenol A, 4-n-nonylphenol, and 4-tert-octylphenol. <i>Analytical Chemistry</i> , 2003 , 75, 2517-21	7.8	471
158	Occurrence of antibiotics in water, sediments, aquatic plants, and animals from Baiyangdian Lake in North China. <i>Chemosphere</i> , 2012 , 89, 1307-15	8.4	324
157	Preparation of silica-magnetite nanoparticle mixed hemimicelle sorbents for extraction of several typical phenolic compounds from environmental water samples. <i>Journal of Chromatography A</i> , 2008 , 1188, 140-7	4.5	321
156	Occurrence of antibiotics in eight sewage treatment plants in Beijing, China. <i>Chemosphere</i> , 2012 , 86, 665-71	8.4	251
155	Preparation of carbon coated Fe ₃ O ₄ nanoparticles and their application for solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 4757-64	4.5	188
154	Occurrence and transport of perfluoroalkyl acids (PFAAs), including short-chain PFAAs in Tangxun Lake, China. <i>Environmental Science & Technology</i> , 2013 , 47, 9249-57	10.3	181
153	Mixed hemimicelles solid-phase extraction based on cetyltrimethylammonium bromide-coated nano-magnets Fe ₃ O ₄ for the determination of chlorophenols in environmental water samples coupled with liquid chromatography/spectrophotometry detection. <i>Journal of Chromatography A</i> , 2008 , 1180, 24-31	4.5	177
152	Synthesis of magnetic metal-organic framework (MOF) for efficient removal of organic dyes from water. <i>Scientific Reports</i> , 2015 , 5, 11849	4.9	159
151	In situ growth of gold nanoparticles onto polydopamine-encapsulated magnetic microspheres for catalytic reduction of nitrobenzene. <i>Applied Catalysis B: Environmental</i> , 2013 , 134-135, 26-33	21.8	153
150	Occurrence, distribution and seasonal variation of organophosphate flame retardants and plasticizers in urban surface water in Beijing, China. <i>Environmental Pollution</i> , 2016 , 209, 1-10	9.3	145
149	Analysis of phthalates via HPLC-UV in environmental water samples after concentration by solid-phase extraction using ionic liquid mixed hemimicelles. <i>Talanta</i> , 2008 , 74, 498-504	6.2	142
148	Facile Synthesis of Magnetic Covalent Organic Framework with Three-Dimensional Bouquet-Like Structure for Enhanced Extraction of Organic Targets. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2959-2965	9.5	141
147	Human Exposure and Elimination Kinetics of Chlorinated Polyfluoroalkyl Ether Sulfonic Acids (Cl-PFESAs). <i>Environmental Science & Technology</i> , 2016 , 50, 2396-404	10.3	138
146	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. <i>Environmental Science & Technology</i> , 2015 , 49, 14156-65	10.3	135
145	A novel Fe ₃ O ₄ @graphene-Au multifunctional nanocomposite: green synthesis and catalytic application. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18658		128
144	Determination of perfluorinated compounds in wastewater and river water samples by mixed hemimicelle-based solid-phase extraction before liquid chromatography-electrospray tandem mass spectrometry detection. <i>Journal of Chromatography A</i> , 2007 , 1154, 52-9	4.5	125
143	MOF derived porous carbon supported Cu/Cu ₂ O composite as high performance non-noble catalyst. <i>Microporous and Mesoporous Materials</i> , 2016 , 219, 48-53	5.3	118

142	Occurrence of perfluorinated compounds in fish from Qinghai-Tibetan Plateau. <i>Environment International</i> , 2010 , 36, 46-50	12.9	108
141	Perchlorate in sewage sludge, rice, bottled water and milk collected from different areas in China. <i>Environment International</i> , 2007 , 33, 955-62	12.9	102
140	Continuous generation of hydroxyl radicals for highly efficient elimination of chlorophenols and phenols catalyzed by heterogeneous Fenton-like catalysts yolk/shell Pd@FeO@metal organic frameworks. <i>Journal of Hazardous Materials</i> , 2018 , 346, 174-183	12.8	98
139	Occurrence, fate and risk assessment of parabens and their chlorinated derivatives in an advanced wastewater treatment plant. <i>Journal of Hazardous Materials</i> , 2015 , 300, 29-38	12.8	97
138	Highly elevated serum concentrations of perfluoroalkyl substances in fishery employees from Tangxun lake, china. <i>Environmental Science & Technology</i> , 2014 , 48, 3864-74	10.3	94
137	Modifying the surface of Fe ₃ O ₄ /SiO ₂ magnetic nanoparticles with C ₁₈ /NH ₂ mixed group to get an efficient sorbent for anionic organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2011 , 362, 107-123	9.3	91
136	Immobilizing silver nanoparticles onto the surface of magnetic silica composite to prepare magnetic disinfectant with enhanced stability and antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 375, 186-192	5.1	90
135	Evaluation of carbon nanotubes as a solid-phase extraction adsorbent for the extraction of cephalosporins antibiotics, sulfonamides and phenolic compounds from aqueous solution. <i>Analytica Chimica Acta</i> , 2007 , 594, 81-92	6.6	88
134	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. <i>Environmental Science & Technology</i> , 2018 , 52, 4592-4600	10.3	80
133	A liquid-liquid extraction technique for phthalate esters with water-soluble organic solvents by adding inorganic salts. <i>Mikrochimica Acta</i> , 2007 , 157, 73-79	5.8	78
132	Platform for molecular-material dual regulation: A direct Z-scheme MOF/COF heterojunction with enhanced visible-light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019 , 247, 49-56	21.8	76
131	Occurrence and fate of volatile siloxanes in a municipal wastewater treatment plant of Beijing, China. <i>Water Research</i> , 2013 , 47, 715-24	12.5	76
130	Adsorption of di-ethyl-phthalate from aqueous solutions with surfactant-coated nano/microsized alumina. <i>Chemical Engineering Journal</i> , 2008 , 140, 214-220	14.7	73
129	A double-shelled yolk-like structure as an ideal magnetic support of tiny gold nanoparticles for nitrophenol reduction. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11641	13	71
128	Characterizing direct emissions of perfluoroalkyl substances from ongoing fluoropolymer production sources: A spatial trend study of Xiaoqing River, China. <i>Environmental Pollution</i> , 2015 , 206, 104-12	9.3	70
127	Tissue distribution of perfluorinated compounds in farmed freshwater fish and human exposure by consumption. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 1717-23	3.8	67
126	Assembly of a nanoreactor system with confined magnetite core and shell for enhanced Fenton-like catalysis. <i>Chemistry - A European Journal</i> , 2014 , 20, 6474-81	4.8	66
125	Emissions, Transport, and Fate of Emerging Per- and Polyfluoroalkyl Substances from One of the Major Fluoropolymer Manufacturing Facilities in China. <i>Environmental Science & Technology</i> , 2018 , 52, 9694-9703	10.3	62

124	Enhanced catalytic application of Au@polyphenol-metal nanocomposites synthesized by a facile and green method. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14807	13	61
123	Cetyltrimethylammonium bromide-coated titanate nanotubes for solid-phase extraction of phthalate esters from natural waters prior to high-performance liquid chromatography analysis. <i>Journal of Chromatography A</i> , 2007 , 1172, 113-20	4.5	60
122	Targeted synthesis of visible-light-driven covalent organic framework photocatalyst via molecular design and precise construction. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 147-153	21.8	59
121	Concentrations, distribution, and bioaccumulation of synthetic musks in the Haihe River of China. <i>Chemosphere</i> , 2011 , 84, 1630-5	8.4	58
120	Spatial distribution, temporal variation and risks of parabens and their chlorinated derivatives in urban surface water in Beijing, China. <i>Science of the Total Environment</i> , 2016 , 539, 262-270	10.2	56
119	Determination of sulfonamide compounds in sewage and river by mixed hemimicelles solid-phase extraction prior to liquid chromatography-spectrophotometry. <i>Journal of Chromatography A</i> , 2007 , 1139, 178-84	4.5	56
118	Triazine functionalized fully conjugated covalent organic framework for efficient photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2020 , 269, 118799	21.8	55
117	Occurrence and distribution of organophosphate triesters and diesters in sludge from sewage treatment plants of Beijing, China. <i>Science of the Total Environment</i> , 2016 , 544, 143-9	10.2	55
116	Cu/Cu ₂ O/CuO loaded on the carbon layer derived from novel precursors with amazing catalytic performance. <i>Science of the Total Environment</i> , 2016 , 571, 380-7	10.2	54
115	Comprehensive characterization of natural organic matter by MALDI- and ESI-Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytica Chimica Acta</i> , 2015 , 866, 48-58	6.6	53
114	Pilot investigation of perfluorinated compounds in river water, sediment, soil and fish in Tianjin, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011 , 87, 152-7	2.7	52
113	Occurrence, distribution and risk of organophosphate esters in urban road dust in Beijing, China. <i>Environmental Pollution</i> , 2018 , 241, 566-575	9.3	51
112	Solid-phase extraction of sulfonylurea herbicides from water samples with single-walled carbon nanotubes disk. <i>Mikrochimica Acta</i> , 2009 , 164, 431-438	5.8	51
111	Methyl siloxanes in environmental matrices and human plasma/fat from both general industries and residential areas in China. <i>Science of the Total Environment</i> , 2015 , 505, 454-63	10.2	50
110	Construction of a superior visible-light-driven photocatalyst based on a CN active centre-photoelectron shift platform-electron withdrawing unit triadic structure covalent organic framework. <i>Chemical Communications</i> , 2017 , 53, 9636-9639	5.8	50
109	Strengthened Fenton degradation of phenol catalyzed by core/shell Fe-Pd@C nanocomposites derived from mechanochemically synthesized Fe-Metal organic frameworks. <i>Water Research</i> , 2019 , 162, 151-160	12.5	48
108	Concentrations and distribution of synthetic musks and siloxanes in sewage sludge of wastewater treatment plants in China. <i>Science of the Total Environment</i> , 2014 , 476-477, 65-72	10.2	48
107	Effect of fireworks display on perchlorate in air aerosols during the Spring Festival. <i>Atmospheric Environment</i> , 2011 , 45, 1323-1327	5.3	46

106	Investigation of fluoroquinolones, sulfonamides and macrolides in long-term wastewater irrigation soil in Tianjin, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012 , 89, 857-61	2.7	45
105	Identification, Tissue Distribution, and Bioaccumulation Potential of Cyclic Perfluorinated Sulfonic Acids Isomers in an Airport Impacted Ecosystem. <i>Environmental Science & Technology</i> , 2016 , 50, 10923-10932	10.3	45
104	Discovery of a Novel Polyfluoroalkyl Benzenesulfonic Acid around Oilfields in Northern China. <i>Environmental Science & Technology</i> , 2017 , 51, 14173-14181	10.3	44
103	Evaluation of perfluorinated compounds in seven wastewater treatment plants in Beijing urban areas. <i>Science China Chemistry</i> , 2011 , 54, 552-558	7.9	44
102	Concentrations of perfluorinated compounds in human blood from twelve cities in China. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2695-701	3.8	42
101	Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection. <i>Journal of Chromatography A</i> , 2005 , 1085, 98-103	4.5	41
100	Covalent-organic frameworks as adsorbent and matrix of SALDI-TOF MS for the enrichment and rapid determination of fluorochemicals. <i>Talanta</i> , 2019 , 194, 522-527	6.2	39
99	Ultrasensitive Determination of Tetrabromobisphenol A by Covalent Organic Framework Based Solid Phase Microextraction Coupled with Constant Flow Desorption Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 772-775	7.8	39
98	Surfactant-modified flowerlike layered double hydroxide-coated magnetic nanoparticles for preconcentration of phthalate esters from environmental water samples. <i>Journal of Chromatography A</i> , 2015 , 1414, 22-30	4.5	38
97	Stable hierarchical microspheres of 1D Fe ₃ O ₄ gallic acid MOFs for fast and efficient Cr(VI) elimination by a combination of reduction, metal substitution and coprecipitation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16600-16604	13	38
96	Organophosphate esters and their metabolites in paired human whole blood, serum, and urine as biomarkers of exposure. <i>Environment International</i> , 2020 , 139, 105698	12.9	37
95	Selenium speciation by high-performance anion-exchange chromatography-post-column UV irradiation coupled with atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1118, 139-43	4.5	37
94	Occurrence and distribution of antibiotics in urban soil in Beijing and Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11360-71	5.1	34
93	Using hair, nail and urine samples for human exposure assessment of legacy and emerging per- and polyfluoroalkyl substances. <i>Science of the Total Environment</i> , 2018 , 636, 383-391	10.2	33
92	One-step fabrication of high quantum yield sulfur- and nitrogen-doped carbon dots for sensitive and selective detection of Cr(VI). <i>RSC Advances</i> , 2016 , 6, 107717-107722	3.7	32
91	Rapid determination of small molecule pollutants using metal-organic frameworks as adsorbent and matrix of MALDI-TOF-MS. <i>Microporous and Mesoporous Materials</i> , 2017 , 239, 390-395	5.3	31
90	Facile loading of Ag nanoparticles onto magnetic microsphere by the aid of a tannic acid-Metal polymer layer to synthesize magnetic disinfectant with high antibacterial activity. <i>Journal of Hazardous Materials</i> , 2018 , 342, 392-400	12.8	30
89	Distribution, Elimination, and Rearrangement of Cyclic Volatile Methylsiloxanes in Oil-Contaminated Soil of the Shengli Oilfield, China. <i>Environmental Science & Technology</i> , 2015 , 49, 11527-35	10.3	28

88	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. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15644		28
87	Occurrence and human exposure of parabens and their chlorinated derivatives in swimming pools. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17987-97	5.1	27
86	Perfluorinated compounds in milk, milk powder and yoghurt purchased from markets in China. <i>Science Bulletin</i> , 2010 , 55, 1020-1025		27
85	Occurrence of synthetic musk fragrances in human blood from 11 cities in China. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1877-82	3.8	25
84	A highly selective dispersive liquid-liquid microextraction approach based on the unique fluorine affinity for the extraction and detection of per- and polyfluoroalkyl substances coupled with high performance liquid chromatography tandem-mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1544, 1-7	4.5	24
83	Solid-phase extraction of several phthalate esters from environmental water samples on a column packed with polytetrafluoroethylene turnings. <i>Analytical Sciences</i> , 2003 , 19, 1491-4	1.7	24
82	Tissue distribution and bioaccumulation of a novel polyfluoroalkyl benzenesulfonate in crucian carp. <i>Environment International</i> , 2020 , 135, 105418	12.9	24
81	Ion Accumulation Time Dependent Molecular Characterization of Natural Organic Matter Using Electrospray Ionization-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 12210-12218	7.8	23
80	Methylsiloxanes in children silicone-containing products from China: Profiles, leaching, and children exposure. <i>Environment International</i> , 2017 , 101, 165-172	12.9	22
79	Assessment of synthetic musk fragrances in seven wastewater treatment plants of Beijing, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011 , 86, 302-6	2.7	22
78	Preparation of octadecyl and amino mixed group modified titanate nanotubes and its efficient adsorption to several ionic or ionizable organic analytes. <i>Analytical Chemistry</i> , 2009 , 81, 9913-20	7.8	22
77	One-pot synthesis of CEfunctionalized core-shell magnetic mesoporous silica composite as efficient sorbent for organic dye. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 189-96	9.3	21
76	Occurrence, distribution, air-seawater exchange and atmospheric deposition of organophosphate esters (OPEs) from the Northwestern Pacific to the Arctic Ocean. <i>Marine Pollution Bulletin</i> , 2020 , 157, 111243	6.7	21
75	Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection. <i>Journal of Chromatography A</i> , 2005 , 1085, 124-30	4.5	20
74	Fabrication of magnetic mesoporous carbon and its application for adsorptive removal of 2,4,6-trichlorophenol (TCP) from aqueous solution. <i>CrystEngComm</i> , 2014 , 16, 5598	3.3	19
73	Synthetic musk fragrances and heavy metals in snow samples of Beijing urban area, China. <i>Atmospheric Research</i> , 2012 , 104-105, 302-305	5.4	19
72	Accurate design of hollow/tubular porous g-C ₃ N ₄ from melamine-cyanuric acid supramolecular prepared with mechanochemical method. <i>Chemical Engineering Journal</i> , 2021 , 411, 128400	14.7	19
71	Bio-related applications of porous organic frameworks (POFs). <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2398-2420	7.3	18

70	Determination of Sialic Acid in Milk and Products Using High Performance Anion-Exchange Chromatography Coupled with Pulsed Amperometric Detection. <i>Chinese Journal of Analytical Chemistry</i> , 2008 , 36, 1535-1538	1.6	18
69	A review of organophosphate esters in indoor dust, air, hand wipes and silicone wristbands: Implications for human exposure. <i>Environment International</i> , 2021 , 146, 106261	12.9	18
68	Determination of organophosphate esters in water samples by mixed-mode liquid chromatography and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 2193-200	3.4	17
67	Reprint of: Concentrations, distribution, and bioaccumulation of synthetic musks in the Haihe River of China. <i>Chemosphere</i> , 2011 , 85, 262-7	8.4	17
66	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. <i>Journal of Separation Science</i> , 2003 , 26, 823-828	3.4	17
65	Spatial distribution, seasonal variation and risks of legacy and emerging per- and polyfluoroalkyl substances in urban surface water in Beijing, China. <i>Science of the Total Environment</i> , 2019 , 673, 177-183	10.2	15
64	Coexposed nanoparticulate Ag alleviates the acute toxicity induced by ionic Ag in vivo. <i>Science of the Total Environment</i> , 2020 , 723, 138050	10.2	15
63	Highly selective naphthalimide-based fluorescent probe for direct hydrogen sulfide detection in the environment. <i>RSC Advances</i> , 2014 , 4, 33626-33628	3.7	15
62	Methyl siloxanes in barbershops and residence indoor dust and the implication for human exposures. <i>Science of the Total Environment</i> , 2018 , 618, 1324-1330	10.2	14
61	Perfluorooctane sulfonate (PFOS) and other fluorochemicals in viscera and muscle of farmed pigs and chickens in Beijing, China. <i>Science Bulletin</i> , 2010 , 55, 3550-3555		14
60	Determination of sugars and alditols in tobacco with high performance anion-exchange chromatography. <i>Journal of Separation Science</i> , 2007 , 30, 2160-6	3.4	14
59	Occurrence and profiles of methylsiloxanes and their hydrolysis product in aqueous matrices from the Daqing oilfield in China. <i>Science of the Total Environment</i> , 2018 , 631-632, 879-886	10.2	13
58	Methylsiloxanes Release from One Landfill through Yearly Cycle and Their Removal Mechanisms (Especially Hydroxylation) In Leachates. <i>Environmental Science & Technology</i> , 2017 , 51, 12337-12346	10.3	12
57	Chlorinated-Methylsiloxanes in Shengli Oilfield: Their Generation in Oil-Production Wastewater Treatment Plant and Presence in the Surrounding Soils. <i>Environmental Science & Technology</i> , 2019 , 53, 3558-3567	10.3	12
56	Synthesis of flower-shaped ZrO ₂ composites for adsorptive removal of trichlorophenol from aqueous solution. <i>RSC Advances</i> , 2015 , 5, 77175-77183	3.7	12
55	Multifunctional Au NPs-polydopamine-polyvinylidene fluoride membrane chips as probe for enrichment and rapid detection of organic contaminants. <i>Talanta</i> , 2018 , 181, 340-345	6.2	12
54	Biomonitoring of chlorinated polyfluoroalkyl ether sulfonic acid in the general population in central and eastern China: Occurrence and associations with age/sex. <i>Environment International</i> , 2020 , 144, 106043	12.9	12
53	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. <i>RSC Advances</i> , 2016 , 6, 99919-99923	3.7	11

52	A Novel Simplified Column-Switching Technique for the Determination of Traces of Bromate in High Concentration Matrices. <i>Mikrochimica Acta</i> , 2006 , 154, 213-219	5.8	11
51	Optimizing the Quadruple-potential Waveform for the Determination of Gentamicin Sulfate by High Performance Liquid Chromatography with Pulsed Electrochemical Detection. <i>Chinese Journal of Chemistry</i> , 2005 , 23, 1207-1212	4.9	11
50	Chlorinated Methylsiloxanes Generated in the Papermaking Process and Their Fate in Wastewater Treatment Processes. <i>Environmental Science & Technology</i> , 2016 , 50, 12732-12741	10.3	11
49	Rapidly detecting tetrabromobisphenol A in soils and sediments by paper spray ionization mass spectrometry combined with isotopic internal standard. <i>Talanta</i> , 2019 , 191, 272-276	6.2	11
48	Determination of alkyl ammonium ionic liquid cations by hydrophilic interaction liquid chromatography and its application in analysis of environmental water. <i>Analytical Methods</i> , 2018 , 10, 2812-2820	3.2	10
47	Perfluorinated compounds in blood of textile workers and barbers. <i>Chinese Chemical Letters</i> , 2014 , 25, 1145-1148	8.1	10
46	Covalent organic frameworks with tunable pore sizes enhanced solid-phase microextraction direct ionization mass spectrometry for ultrasensitive and rapid analysis of tetrabromobisphenol A derivatives. <i>Science of the Total Environment</i> , 2021 , 764, 144388	10.2	10
45	Single-crystalline FeS/FeO coated zero-valent iron synthesized with vacuum chemical vapor deposition technique: Enhanced reductive, oxidative and photocatalytic activity for water purification. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123442	12.8	10
44	Identification and Elimination of Fluorinated Methylsiloxanes in Environmental Matrices near a Manufacturing Plant in Eastern China. <i>Environmental Science & Technology</i> , 2018 , 52, 12235-12243	10.3	10
43	A Facile and Efficient Method for Continuous Reduction of Nitroaromatic Compounds Through the Cyclic Transformation Between Fe(II)-complexes and Nano Zero-valent Iron. <i>ChemistrySelect</i> , 2016 , 1, 2821-2825	1.8	9
42	Ultrafine Pd nanoparticles loaded benzothiazole-linked covalent organic framework for efficient photocatalytic C-C cross-coupling reactions.. <i>RSC Advances</i> , 2020 , 10, 29402-29407	3.7	9
41	Sources and Fate of Cyclic Phenylmethylsiloxanes in One Municipal Wastewater Treatment Plant and Biosolids-Amended Soil. <i>Environmental Science & Technology</i> , 2018 , 52, 9835-9844	10.3	8
40	Determination of morpholinium ionic liquid cations in environmental water samples: development of solid-phase extraction method and ion chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3427-3434	4.4	7
39	An on-line solid phase extraction-liquid chromatography tandem mass spectrometry method for the determination of perfluoroalkyl substances in the Antarctic ice core samples. <i>Chinese Chemical Letters</i> , 2015 , 26, 1073-1078	8.1	7
38	Occurrence and risk of chlorinated polyfluoroalkyl ether sulfonic acids (Cl-PFESAs) in seafood from markets in Beijing, China. <i>Science of the Total Environment</i> , 2020 , 726, 138538	10.2	7
37	Direct amino acid analysis method for speciation of selenoamino acids using high-performance anion-exchange chromatography coupled with integrated pulsed amperometric detection. <i>Journal of Chromatography A</i> , 2006 , 1118, 134-8	4.5	7
36	Distribution of methylsiloxanes in benthic mollusks from the Chinese Bohai Sea. <i>Journal of Environmental Sciences</i> , 2019 , 76, 199-207	6.4	7
35	Identification of protein tyrosine phosphatase SHP-2 as a new target of perfluoroalkyl acids in HepG2 cells. <i>Archives of Toxicology</i> , 2017 , 91, 1697-1707	5.8	6

34	A Matrix-Correction Approach to Estimate the Bioaccumulation Potential of Emerging PFASs. <i>Environmental Science & Technology</i> , 2020 , 54, 1005-1013	10.3	6
33	One-pot molten salt method for constructing CdS/CN nanojunctions with highly enhanced photocatalytic performance for hydrogen evolution reaction.. <i>Journal of Environmental Sciences</i> , 2022 , 112, 244-257	6.4	6
32	A Highly Selective Extraction Approach for Per- and Polyfluoroalkyl Substances Based on Protein Affinity. <i>Analytical Chemistry</i> , 2020 , 92, 8675-8679	7.8	5
31	Receptor-Bound Perfluoroalkyl Carboxylic Acids Dictate Their Activity on Human and Mouse Peroxisome Proliferator-Activated Receptor α <i>Environmental Science & Technology</i> , 2020 , 54, 9529-9536	10.3	4
30	Mechanochemical Construction 2D/2D Covalent Organic Nanosheets Heterojunctions Based on Substoichiometric Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42035-42043	8.5	4
29	Chlorinated polyfluoroalkyl ether sulfonic acids in fish, dust, drinking water and human serum: From external exposure to internal doses. <i>Environment International</i> , 2021 , 157, 106820	12.9	4
28	Migration regularity of six preservatives from wooden children's products to saliva and sweat based on microstructure-related migration models. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 173, 149-155	7	3
27	Methylsiloxanes and Their Brominated Products in One e-Waste Recycling Area in China: Emission, Environmental Distribution, and Elimination. <i>Environmental Science & Technology</i> , 2020 , 54, 4267-4274	10.3	3
26	Optimization of multi-residue method for targeted screening and quantification of 216 harmful chemicals in plastic children's toys by gas chromatography-tandem mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2019 , 1603, 311-326	4.5	3
25	Selective separation of polychlorinated naphthalene (PCNs), hexabromocyclododecanes (HBCDs) and tetrabromobisphenol A (TBBPA) in soil matrices. <i>Science Bulletin</i> , 2013 , 58, 500-506		3
24	Phenylmethylsiloxanes and trifluoropropylmethylsiloxanes in municipal sludges from wastewater treatment plants in China: Their distribution, degradation and risk assessment. <i>Water Research</i> , 2020 , 185, 116224	12.5	3
23	Wood preservatives in children's wooden toys from China: Distribution, migration, oral exposure, and risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 209, 111786	7	3
22	Distribution and Elimination of Trifluoropropylmethylsiloxane Oligomers in Both Biosolid-Amended Soils and Earthworms. <i>Environmental Science & Technology</i> , 2021 , 55, 985-993	10.3	3
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19	Constructing chemical stable 4-carboxyl-quinoline linked covalent organic frameworks via Doebner reaction for nanofiltration.. <i>Nature Communications</i> , 2022 , 13, 2615	17.4	3
18	Extraction and determination of pyridinium ionic liquid cations in environmental water samples by using strong cation exchange solid phase extraction and ion chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 99, 901-912	1.8	2
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