

Qian Liu

List of Publications by Citations

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129
papers

5,156
citations

37
h-index

68
g-index

145
ext. papers

5,880
ext. citations

7.9
avg, IF

5.71
L-index

#	Paper	IF	Citations
129	Graphene and graphene oxide sheets supported on silica as versatile and high-performance adsorbents for solid-phase extraction. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5913-7	16.4	339
128	Evaluation of graphene as an advantageous adsorbent for solid-phase extraction with chlorophenols as model analytes. <i>Journal of Chromatography A</i> , 2011 , 1218, 197-204	4.5	278
127	Crucial Role of Lateral Size for Graphene Oxide in Activating Macrophages and Stimulating Pro-inflammatory Responses in Cells and Animals. <i>ACS Nano</i> , 2015 , 9, 10498-515	16.7	267
126	A mussel-inspired polydopamine coating as a versatile platform for the in situ synthesis of graphene-based nanocomposites. <i>Nanoscale</i> , 2012 , 4, 5864-7	7.7	246
125	Application of graphene in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 37, 1-11	14.6	242
124	Preparation of graphene-encapsulated magnetic microspheres for protein/peptide enrichment and MALDI-TOF MS analysis. <i>Chemical Communications</i> , 2012 , 48, 1874-6	5.8	167
123	DNA biosensor based on chitosan film doped with carbon nanotubes. <i>Analytical Biochemistry</i> , 2005 , 346, 107-14	3.1	148
122	Spatial and vertical distribution of short chain chlorinated paraffins in soils from wastewater irrigated farmlands. <i>Environmental Science & Technology</i> , 2011 , 45, 2100-6	10.3	133
121	Distribution and trophic transfer of short-chain chlorinated paraffins in an aquatic ecosystem receiving effluents from a sewage treatment plant. <i>Environmental Science & Technology</i> , 2011 , 45, 5529-35	10.3	131
120	Facile preparation of glutathione-stabilized gold nanoclusters for selective determination of chromium (III) and chromium (VI) in environmental water samples. <i>Analytica Chimica Acta</i> , 2013 , 770, 140-6	6.6	115
119	Silver nanoparticle exposure attenuates the viability of rat cerebellum granule cells through apoptosis coupled to oxidative stress. <i>Small</i> , 2013 , 9, 1831-41	11	98
118	Ionic liquid surfactant-mediated ultrasonic-assisted extraction coupled to HPLC: application to analysis of tanshinones in <i>Salvia miltiorrhiza bunge</i> . <i>Journal of Separation Science</i> , 2009 , 32, 4220-6	3.4	85
117	Graphene and Graphene Oxide Sheets Supported on Silica as Versatile and High-Performance Adsorbents for Solid-Phase Extraction. <i>Angewandte Chemie</i> , 2011 , 123, 6035-6039	3.6	84
116	Nanomaterials for analysis and monitoring of emerging chemical pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 58, 10-22	14.6	83
115	Mixed hemimicelles SPE based on CTAB-coated Fe ₃ O ₄ /SiO ₂ NPs for the determination of herbal bioactive constituents from biological samples. <i>Talanta</i> , 2010 , 80, 1873-80	6.2	80
114	Functional amino acid ionic liquids as solvent and selector in chiral extraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 4669-74	4.5	80
113	Graphene-assisted matrix solid-phase dispersion for extraction of polybrominated diphenyl ethers and their methoxylated and hydroxylated analogs from environmental samples. <i>Analytica Chimica Acta</i> , 2011 , 708, 61-8	6.6	78

112	Amino acid ionic liquids as chiral ligands in ligand-exchange chiral separations. <i>Chemistry - A European Journal</i> , 2009 , 15, 9889-96	4.8	78
111	Hemimicelles/admicelles supported on magnetic graphene sheets for enhanced magnetic solid-phase extraction. <i>Journal of Chromatography A</i> , 2012 , 1257, 1-8	4.5	75
110	Simultaneous determination of five estrogens and four androgens in water samples by online solid-phase extraction coupled with high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1281, 9-18	4.5	74
109	Nanosilver incurs an adaptive shunt of energy metabolism mode to glycolysis in tumor and nontumor cells. <i>ACS Nano</i> , 2014 , 8, 5813-25	16.7	72
108	Distribution of short chain chlorinated paraffins in marine sediments of the East China Sea: influencing factors, transport and implications. <i>Environmental Science & Technology</i> , 2012 , 46, 9898-906	10.3	69
107	Preparation and evaluation of mesoporous cellular foams coating of solid-phase microextraction fibers by determination of tetrabromobisphenol A, tetrabromobisphenol S and related compounds. <i>Analytica Chimica Acta</i> , 2012 , 753, 1-7	6.6	67
106	Levels and distribution patterns of short chain chlorinated paraffins in sewage sludge of wastewater treatment plants in China. <i>Environmental Pollution</i> , 2012 , 160, 88-94	9.3	64
105	Stable silver isotope fractionation in the natural transformation process of silver nanoparticles. <i>Nature Nanotechnology</i> , 2016 , 11, 682-6	28.7	63
104	Recent progress in application of carbon nanomaterials in laser desorption/ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2861-73	4.4	52
103	Identification and accurate size characterization of nanoparticles in complex media. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14476-9	16.4	52
102	Mildly oxidized graphene: facile synthesis, characterization, and application as a matrix in MALDI mass spectrometry. <i>Chemistry - A European Journal</i> , 2013 , 19, 5561-5	4.8	50
101	Screening of Toxic Chemicals in a Single Drop of Human Whole Blood Using Ordered Mesoporous Carbon as a Mass Spectrometry Probe. <i>Analytical Chemistry</i> , 2016 , 88, 4107-13	7.8	47
100	Rethinking Stability of Silver Sulfide Nanoparticles (Ag ₂ S-NPs) in the Aquatic Environment: Photoinduced Transformation of Ag ₂ S-NPs in the Presence of Fe(III). <i>Environmental Science & Technology</i> , 2016 , 50, 188-96	10.3	47
99	Sample preparation method for the speciation of polybrominated diphenyl ethers and their methoxylated and hydroxylated analogues in diverse environmental matrices. <i>Talanta</i> , 2012 , 88, 669-76	6.2	46
98	Fluorographene as a Mass Spectrometry Probe for High-Throughput Identification and Screening of Emerging Chemical Contaminants in Complex Samples. <i>Analytical Chemistry</i> , 2017 , 89, 1307-1314	7.8	43
97	Chemical multi-fingerprinting of exogenous ultrafine particles in human serum and pleural effusion. <i>Nature Communications</i> , 2020 , 11, 2567	17.4	41
96	The potential neurotoxicity of emerging tetrabromobisphenol A derivatives based on rat pheochromocytoma cells. <i>Chemosphere</i> , 2016 , 154, 194-203	8.4	39
95	Used disposable face masks are significant sources of microplastics to environment. <i>Environmental Pollution</i> , 2021 , 285, 117485	9.3	39

94	The ex vivo and in vivo biological performances of graphene oxide and the impact of surfactant on graphene oxide's biocompatibility. <i>Journal of Environmental Sciences</i> , 2013 , 25, 873-81	6.4	38
93	Simultaneous analysis of six aristolochic acids and five aristolactams in herbal plants and their preparations by high-performance liquid chromatography-diode array detection-fluorescence detection. <i>Journal of Chromatography A</i> , 2008 , 1182, 85-92	4.5	38
92	Graphenized pencil lead fiber: facile preparation and application in solid-phase microextraction. <i>Journal of Chromatography A</i> , 2014 , 1325, 1-7	4.5	36
91	Nonaqueous capillary electrophoresis coupled with laser-induced native fluorescence detection for the analysis of berberine, palmatine, and jatrorrhizine in Chinese herbal medicines. <i>Journal of Separation Science</i> , 2006 , 29, 1268-74	3.4	36
90	Hydroxylated polybrominated diphenyl ethers (OH-PBDEs) in biosolids from municipal wastewater treatment plants in China. <i>Chemosphere</i> , 2013 , 90, 2388-95	8.4	35
89	Spacer-mediated synthesis of size-controlled gold nanoparticles using geminis as ligands. <i>Langmuir</i> , 2008 , 24, 1595-9	4	35
88	Characterization and determination of six aristolochic acids and three aristolactams in medicinal plants and their preparations by high-performance liquid chromatography-photodiode array detection/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 2332-42	2.2	34
87	Thermal fragmentation enhanced identification and quantification of polystyrene micro/nanoplastics in complex media. <i>Talanta</i> , 2020 , 208, 120478	6.2	34
86	Rapid determination of tetrabromobisphenol A and its main derivatives in aqueous samples by ultrasound-dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <i>Talanta</i> , 2013 , 116, 906-11	6.2	33
85	Graphene oxide nanoribbons: improved synthesis and application in MALDI mass spectrometry. <i>Chemistry - A European Journal</i> , 2015 , 21, 5594-9	4.8	33
84	3D printing of graphene-doped target for "matrix-free" laser desorption/ionization mass spectrometry. <i>Chemical Communications</i> , 2018 , 54, 2723-2726	5.8	32
83	A simple and sensitive method of nonaqueous capillary electrophoresis with laser-induced native fluorescence detection for the analysis of chelerythrine and sanguinarine in Chinese herbal medicines. <i>Talanta</i> , 2006 , 70, 202-7	6.2	32
82	Silver nanoparticle exposure induces rat motor dysfunction through decrease in expression of calcium channel protein in cerebellum. <i>Toxicology Letters</i> , 2015 , 237, 112-20	4.4	31
81	High-Throughput and Rapid Screening of Low-Mass Hazardous Compounds in Complex Samples. <i>Analytical Chemistry</i> , 2015 , 87, 6931-6	7.8	31
80	Cationic gemini surfactant as dynamic coating in CE for the control of EOF and wall adsorption. <i>Electrophoresis</i> , 2007 , 28, 2275-82	3.6	30
79	Simultaneous determination of flavonoid and alkaloid compounds in Citrus herbs by high-performance liquid chromatography-photodiode array detection-electrospray mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 857, 202-9	3.2	30
78	Study on the enhancement of Ru(bpy) ₃ (2+) electrochemiluminescence by nanogold and its application for pentoxifyverine detection. <i>Electrophoresis</i> , 2005 , 26, 4468-77	3.6	30
77	Optical and Bioelectrochemical Characterization of Water-Miscible Ionic Liquids Based Composites of Multiwalled Carbon Nanotubes. <i>Electroanalysis</i> , 2006 , 18, 1681-1688	3	29

76	An antibody-graphene oxide nanoribbon conjugate as a surface enhanced laser desorption/ionization probe with high sensitivity and selectivity. <i>Chemical Communications</i> , 2015 , 51, 4619-22	5.8	28
75	Role of Secondary Particle Formation in the Persistence of Silver Nanoparticles in Humic Acid Containing Water under Light Irradiation. <i>Environmental Science & Technology</i> , 2017 , 51, 14164-14172	10.3	28
74	Effects of polycyclic musks HHCB and AHTN on steroidogenesis in H295R cells. <i>Chemosphere</i> , 2013 , 90, 1227-35	8.4	27
73	Ag2S-doped core-shell nanostructures of Fe3O4@Ag3PO4 ultrathin film: Major role of hole in rapid degradation of pollutants under visible light irradiation. <i>Chemical Engineering Journal</i> , 2019 , 366, 123-132	14.7	26
72	Simultaneous determination of nine aristolochic acid analogues in medicinal plants and preparations by high-performance liquid chromatography. <i>Talanta</i> , 2007 , 73, 644-50	6.2	26
71	Purification of undiluted ionic liquids from trace-colored impurities for spectroscopy by octadecylsilyl solid-phase extraction. <i>Separation and Purification Technology</i> , 2008 , 60, 245-250	8.3	25
70	Recent progress in the application of nanomaterials in the analysis of emerging chemical contaminants. <i>Analytical Methods</i> , 2017 , 9, 2768-2783	3.2	23
69	GEOTRACES inter-calibration of the stable silicon isotope composition of dissolved silicic acid in seawater. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 562-578	3.7	23
68	Direct analysis of eight chlorophenols in urine by large volume injection online turbulent flow solid-phase extraction liquid chromatography with multiple wavelength ultraviolet detection. <i>Talanta</i> , 2014 , 119, 396-400	6.2	23
67	Association of maternal serum copper during early pregnancy with the risk of spontaneous preterm birth: A nested case-control study in China. <i>Environment International</i> , 2019 , 122, 237-243	12.9	22
66	Comparative study on the interaction of DNA with three different kinds of surfactants and the formation of multilayer films. <i>Bioelectrochemistry</i> , 2007 , 70, 301-7	5.6	21
65	Enhanced stability of surfactant-based semipermanent wall coatings in capillary electrophoresis using oppositely charged surfactant. <i>Journal of Chromatography A</i> , 2008 , 1187, 260-6	4.5	21
64	Separation and Tracing of Anthropogenic Magnetite Nanoparticles in the Urban Atmosphere. <i>Environmental Science & Technology</i> , 2020 , 54, 9274-9284	10.3	20
63	Automated and sensitive determination of four anabolic androgenic steroids in urine by online turbulent flow solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry: a novel approach for clinical monitoring and doping control. <i>Talanta</i> , 2014 , 125, 432-8	6.2	19
62	Characterization of interactions between organotin compounds and human serum albumin by capillary electrophoresis coupled with inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2012 , 93, 239-44	6.2	19
61	Direct analysis of cryptotanshinone and tanshinone IIA in biological samples and herbal medicinal preparations by a green technique of micellar liquid chromatography. <i>Green Chemistry</i> , 2009 , 11, 132-137	10	19
60	Quantification of amino acid ionic liquids using liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1208, 175-81	4.5	19
59	Environmental applications of metal stable isotopes: Silver, mercury and zinc. <i>Environmental Pollution</i> , 2019 , 252, 1344-1356	9.3	18

58	PM induces vascular permeability increase through activating MAPK/ERK signaling pathway and ROS generation. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121659	12.8	18
57	Distinguishing the sources of silica nanoparticles by dual isotopic fingerprinting and machine learning. <i>Nature Communications</i> , 2019 , 10, 1620	17.4	17
56	Natural Silicon Isotopic Signatures Reveal the Sources of Airborne Fine Particulate Matter. <i>Environmental Science & Technology</i> , 2018 , 52, 1088-1095	10.3	17
55	Negatively charged silver nanoparticles cause retinal vascular permeability by activating plasma contact system and disrupting adherens junction. <i>Nanotoxicology</i> , 2016 , 10, 501-11	5.3	17
54	Recent advances in the analysis of non-traditional stable isotopes by multi-collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1848-1861	3.7	17
53	Re-evaluation of stability and toxicity of silver sulfide nanoparticle in environmental water: Oxidative dissolution by manganese oxide. <i>Environmental Pollution</i> , 2018 , 243, 1242-1251	9.3	16
52	Improved determination of 5-fluorouracil and its prodrug tegafur in pharmaceuticals by large-volume sample stacking in CE. <i>Journal of Separation Science</i> , 2007 , 30, 3296-301	3.4	15
51	Long-chained gemini surfactants for semipermanent wall coatings in capillary electrophoresis of proteins. <i>Electrophoresis</i> , 2008 , 29, 871-9	3.6	15
50	Salmonella proteomics under oxidative stress reveals coordinated regulation of antioxidant defense with iron metabolism and bacterial virulence. <i>Journal of Proteomics</i> , 2017 , 157, 52-58	3.9	14
49	Tuning the performance of graphene as a dual-ion-mode MALDI matrix by chemical functionalization and sample incubation. <i>Talanta</i> , 2019 , 199, 532-540	6.2	14
48	Fabricating photoelectrochemical aptasensor for sensitive detection of aflatoxin B1 with visible-light-driven BiOBr/nitrogen-doped graphene nanoribbons. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 840, 67-73	4.1	14
47	Airborne Fine Particles Induce Hematological Effects through Regulating the Crosstalk of the Kallikrein-Kinin, Complement, and Coagulation Systems. <i>Environmental Science & Technology</i> , 2019 , 53, 2840-2851	10.3	14
46	Nitrate enhanced electrochemiluminescence determination of tris(2,3-dibromopropyl) isocyanurate with a gold nanoparticles-modified gold electrode. <i>Analyst, The</i> , 2011 , 136, 1952-6	5	14
45	Rapid and Sensitive Detection of Multi-Class Food Additives in Beverages for Quality Control by Using HPLC-DAD and Chemometrics Methods. <i>Food Analytical Methods</i> , 2019 , 12, 381-393	3.4	14
44	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. <i>Environmental Science & Technology</i> , 2021 , 55, 2713-2716	10.3	14
43	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , 2018 , 69, 217-226	6.4	14
42	Capping agent replacement induced self-organization of ultrathin nanowires: a new and general approach for fabricating noble metal nanoporous films with small ligament sizes. <i>Chemical Communications</i> , 2011 , 47, 1613-5	5.8	12
41	New evidence for atmospheric mercury transformations in the marine boundary layer from stable mercury isotopes. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 9713-9723	6.8	12

40	Layer-by-layer assembly of polyelectrolyte and nanoparticles, monitored by capillary electrophoresis. <i>Chemistry - A European Journal</i> , 2009 , 15, 12828-36	4.8	11
39	Generation of gold nanostructures at the surface of platinum electrode by electrodeposition for ECL detection for CE. <i>Electrophoresis</i> , 2010 , 31, 1055-62	3.6	11
38	Fast screening of short-chain chlorinated paraffins in indoor dust samples by graphene-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2018 , 179, 575-582	6.2	11
37	Nonvolatile Electrical Bistability Behaviors Observed in Au/Ag Nanoparticle-Embedded MOFs and Switching Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 47073-47082	9.5	10
36	Templated synthesis of a bifunctional Janus graphene for enhanced enrichment of both organic and inorganic targets. <i>Chemical Communications</i> , 2019 , 55, 4957-4960	5.8	9
35	Separation of acidic and basic proteins by CE with CTAB additive and its applications in peptide and protein profiling. <i>Electrophoresis</i> , 2009 , 30, 2151-8	3.6	9
34	Chemometrics-assisted HPLC-DAD as a rapid and interference-free strategy for simultaneous determination of 17 polyphenols in raw propolis. <i>Analytical Methods</i> , 2018 , 10, 5577-5588	3.2	9
33	Unraveling the role of silicon in atmospheric aerosol secondary formation: a new conservative tracer for aerosol chemistry. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 2861-2870	6.8	8
32	Identification and Speciation of Nanoscale Silver in Complex Solid Matrices by Sequential Extraction Coupled with Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 1962-1968	7.8	8
31	Two-Dimensional Silicon Fingerprints Reveal Dramatic Variations in the Sources of Particulate Matter in Beijing during 2013-2017. <i>Environmental Science & Technology</i> , 2020 , 54, 7126-7135	10.3	7
30	Evaluation and reduction of the analytical uncertainties in GC-MS analysis using a boundary regression model. <i>Talanta</i> , 2017 , 164, 141-147	6.2	7
29	Data-Driven Machine Learning in Environmental Pollution: Gains and Problems.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	7
28	COVID-19-Induced Lockdowns Indicate the Short-Term Control Effect of Air Pollutant Emission in 174 Cities in China. <i>Environmental Science & Technology</i> , 2021 , 55, 4094-4102	10.3	7
27	Mass spectrometry for multi-dimensional characterization of natural and synthetic materials at the nanoscale. <i>Chemical Society Reviews</i> , 2021 , 50, 5243-5280	58.5	7
26	The engineering of stilbazolium/iodocuprate hybrids with optical/electrical performances by modulating inter-molecular charge transfer among H-aggregated chromophores. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1451-1466	6.8	6
25	Use of gemini surfactants as semipermanent capillary coatings in aqueous-organic solvents for capillary electrophoretic separation of inorganic anions. <i>Journal of Separation Science</i> , 2009 , 32, 4148-54 ^{3,4}	3.4	6
24	3D Printing-Induced Fine Particle and Volatile Organic Compound Emission: An Emerging Health Risk. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 616-625	11	6
23	Identification and Accurate Size Characterization of Nanoparticles in Complex Media. <i>Angewandte Chemie</i> , 2014 , 126, 14704-14707	3.6	5

22	Metallic Fingerprints of Carbon: Label-Free Tracking and Imaging of Graphene in Plants. <i>Analytical Chemistry</i> , 2020 , 92, 1948-1955	7.8	5
21	Development of Human Lung Induction Models for Air Pollutants Toxicity Assessment. <i>Environmental Science & Technology</i> , 2021 , 55, 2440-2451	10.3	5
20	A 3D-printed modularized purification system for rapid, high-throughput MALDI-MS analysis of small-volume biological samples. <i>Chemical Communications</i> , 2020 , 56, 1637-1640	5.8	4
19	Separation of acidic and basic proteins by capillary electrophoresis using gemini surfactants and gemini-capped nanoparticles as buffer additives. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1666-1676		4
18	Cationic double-chained surfactant as pseudostationary phase in micellar electrokinetic capillary chromatography for drug separations. <i>Talanta</i> , 2008 , 75, 677-83	6.2	4
17	Reversible photo/thermal stimuli-responsive electrical bistability performance in supramolecular co-crystals accompanied by crystalline-to-amorphous transformations. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 3258-3267	7.1	3
16	Nonionic surfactant enhanced semipermanent coatings for capillary electrophoresis of inorganic anions without use of organic additives. <i>Journal of Separation Science</i> , 2011 , 34, 2441-7	3.4	3
15	New derivatizing reagent for analysis of diethylene glycol by HPLC with fluorescence detection. <i>Journal of Separation Science</i> , 2008 , 31, 3857-63	3.4	3
14	Core-Shell Structured Layered Lanthanide-Organic Complexes with Stilbazolium-type Dye Encapsulation for Multifunctional Performances. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 136-147	4.5	3
13	In Situ Tracking Photodegradation of Trace Graphene Oxide by the Online Coupling of Photoinduced Chemical Vapor Generation with a Point Discharge Optical Emission Spectrometer. <i>Analytical Chemistry</i> , 2020 , 92, 1549-1556	7.8	3
12	Inherited and acquired corona of coronavirus in the host: Inspiration from the biomolecular corona of nanoparticles. <i>Nano Today</i> , 2021 , 39, 101161	17.9	3
11	A selective adsorption-based separation of low-mass molecules from biological samples towards high-throughput mass spectrometry analysis in a single drop of human whole blood. <i>Talanta</i> , 2019 , 202, 237-243	6.2	2
10	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). <i>Ecotoxicology and Environmental Safety</i> , 2020 , 202, 110898	7	2
9	Identification of two-dimensional copper signatures in human blood for bladder cancer with machine learning.. <i>Chemical Science</i> , 2022 , 13, 1648-1656	9.4	2
8	Phase transformation of silica particles in coal and biomass combustion processes. <i>Environmental Pollution</i> , 2022 , 292, 118312	9.3	2
7	Hierarchical Carbon/Metal Nanostructure with a Combination of 0D Nanoparticles, 1D Nanofibers, and 2D Nanosheets: An Efficient Bifunctional Catalyst for Zinc-Air Batteries. <i>ChemElectroChem</i> , 2021 , 8, 1107-1116	4.3	2
6	Natural stable isotopes: new tracers in environmental health studies. <i>National Science Review</i> , 2016 , 3, 410-410	10.8	2
5	Identification, Quantification, and Imaging of the Biodistribution of Soot Particles by Mass Spectral Fingerprinting. <i>Analytical Chemistry</i> , 2021 , 93, 6665-6672	7.8	1

4	Early pregnancy loss: Do Per- and polyfluoroalkyl substances matter?. <i>Environment International</i> , 2021 , 157, 106837	12.9	1
3	New Insights into Unexpected Severe PM Pollution during the SARS and COVID-19 Pandemic Periods in Beijing.. <i>Environmental Science & Technology</i> , 2021 ,	10.3	1
2	Calculation and Experimental Validation of a Novel Approach Using Solubility Parameters as Indicators for the Extraction of Additives in Plastics. <i>Analytical Chemistry</i> , 2021 , 93, 14837-14843	7.8	0
1	Resurgence of Sandstorms Complicates China's Air Pollution Situation. <i>Environmental Science & Technology</i> , 2021 , 55, 11467-11469	10.3	0