Gangfeng Ouyang

List of Publications by Year
in descending order

303	12,893	25034	39675
papers	citations	57 h-index	94 g-index

312	312	312	10258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nondestructive Sampling of Living Systems Using in Vivo Solid-Phase Microextraction. Chemical Reviews, 2011, 111, 2784-2814.	47.7	399
2	A synthetic route to ultralight hierarchically micro/mesoporous Al(III)-carboxylate metal-organic aerogels. Nature Communications, 2013, 4, 1774.	12.8	310
3	Exceptional Hydrophobicity of a Large-Pore Metalâ€“Organic Zeolite. Journal of the American Chemical Society, 2015, 137, 7217-7223.	13.7	270
4	A critical review in calibration methods for solid-phase microextraction. Analytica Chimica Acta, 2008, 627, 184-197.	5.4	258
5	â€œArmorâ€Platingâ€•Enzymes with Metalâ€“Organic Frameworks (MOFs). Angewandte Chemie - International Edition, 2020, 59, 8786-8798.	13.8	244
6	SPME in environmental analysis. Analytical and Bioanalytical Chemistry, 2006, 386, 1059-1073.	3.7	237
7	A Convenient and Versatile Aminoâ€Acidâ€Boosted Biomimetic Strategy for the Nondestructive Encapsulation of Biomacromolecules within Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2019, 58, 1463-1467.	13.8	231
8	Application of functionalized magnetic nanoparticles in sample preparation. Analytical and Bioanalytical Chemistry, 2014, 406, 377-399.	3.7	229
9	Silicaâ€“Polypyrrole Hybrids as Highâ€Performance Metalâ€Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. Angewandte Chemie - International Edition, 2017, 56, 8120-8124.	13.8	214
10	New materials in solid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2013, 47, 68-83.	11.4	196
11	Modulating the Biofunctionality of Metalâ€“Organicâ€Frameworkâ€Encapsulated Enzymes through Controllable Embedding Patterns. Angewandte Chemie - International Edition, 2020, 59, 2867-2874.	13.8	190
12	Application of nanomaterials in sample preparation. Journal of Chromatography A, 2013, 1300, 2-16.	3.7	186
13	Effect of salinity and humic acid on the aggregation and toxicity of polystyrene nanoplastics with different functional groups and charges. Environmental Pollution, 2019, 245, 836-843.	7.5	185
14	A porous coordination framework for highly sensitive and selective solid-phase microextraction of non-polar volatile organic compounds. Chemical Science, 2013, 4, 351-356.	7.4	183
15	Recent developments in SPME for on-site analysis and monitoring. TrAC - Trends in Analytical Chemistry, 2006, 25, 692-703.	11.4	173
16	Cerium-based hybrid nanorods for synergetic photo-thermocatalytic degradation of organic pollutants. Journal of Materials Chemistry A, 2018, 6, 24740-24747.	10.3	164
17	Microwave-assisted extraction combined with gel permeation chromatography and silica gel cleanup followed by gas chromatographyâ€“mass spectrometry for the determination of organophosphorus flame retardants and plasticizers in biological samples. Analytica Chimica Acta, 2013, 786, 47-53.	5.4	142
18	Preparation and characterization of metal-organic framework MIL-101(Cr)-coated solid-phase microextraction fiber. Analytica Chimica Acta, 2015, 853, 303-310.	5.4	142

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19	Fabrications of novel solid phase microextraction fiber coatings based on new materials for high enrichment capability. TrAC - Trends in Analytical Chemistry, 2018, 108, 135-153.	11.4	131
20	Carbon nanotube-coated solid-phase microextraction metal fiber based on solâ€“gel technique. Journal of Chromatography A, 2009, 1216, 4641-4647.	3.7	111
21	Comparison of thin-film microextraction and stir bar sorptive extraction for the analysis of polycyclic aromatic hydrocarbons in aqueous samples with controlled agitation conditions. Journal of Chromatography A, 2008, 1196-1197, 89-95.	3.7	105
22	Hierarchically Nanostructured Rutile Arrays: Acid Vapor Oxidation Growth and Tunable Morphologies. ACS Nano, 2009, 3, 1212-1218.	14.6	105
23	Configurations and calibration methods for passive sampling techniques. Journal of Chromatography A, 2007, 1168, 226-235.	3.7	103
24	Investigating the toxicities of different functionalized polystyrene nanoplastics on Daphnia magna. Ecotoxicology and Environmental Safety, 2019, 180, 509-516.	6.0	101
25	Quantitative in Vivo Microsampling for Pharmacokinetic Studies Based on an Integrated Solid-Phase Microextraction System. Analytical Chemistry, 2007, 79, 4507-4513.	6.5	98
26	Automation and optimization of liquid-phase microextraction by gas chromatography. Journal of Chromatography A, 2007, 1138, 47-54.	3.7	94
27	Synthesis and application of magnetic molecularly imprinted polymers in sample preparation. Analytical and Bioanalytical Chemistry, 2018, 410, 3991-4014.	3.7	93
28	Smartphone-assisted robust enzymes@MOFs-based paper biosensor for point-of-care detection. Biosensors and Bioelectronics, 2020, 156, 112095.	10.1	92
29	Occurrence and distribution of phthalate esters in riverine sediments from the Pearl River Delta region, South China. Marine Pollution Bulletin, 2014, 83, 358-365.	5.0	91
30	Applications of in vivo and in vitro solid-phase microextraction techniques in plant analysis: A review. Analytica Chimica Acta, 2013, 794, 1-14.	5.4	90
31	Kinetic Calibration for Automated Hollow Fiber-Protected Liquid-Phase Microextraction. Analytical Chemistry, 2006, 78, 5783-5788.	6.5	89
32	Sampling-Rate Calibration for Rapid and Nonlethal Monitoring of Organic Contaminants in Fish Muscle by Solid-Phase Microextraction. Environmental Science & Technology, 2011, 45, 7792-7798.	10.0	87
33	Preparation of graphene-coated solid-phase microextraction fiber and its application on organochlorine pesticides determination. Journal of Chromatography A, 2013, 1300, 187-192.	3.7	87
34	Embedding Functional Biomacromolecules within Peptideâ€Directed Metalâ€“Organic Framework (MOF) Nanoarchitectures Enables Activity Enhancement. Angewandte Chemie - International Edition, 2020, 59, 13947-13954.	13.8	86
35	The sensitive and selective adsorption of aromatic compounds with highly crosslinked polymer nanoparticles. Nanoscale, 2015, 7, 16943-16951.	5.6	84
36	Quantification of the combined toxic effect of polychlorinated biphenyls and nano-sized polystyrene on Daphnia magna. Journal of Hazardous Materials, 2019, 364, 531-536.	12.4	84

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37	Solid-phase microextraction: An appealing alternative for the determination of endogenous substances - A review. Analytica Chimica Acta, 2019, 1077, 67-86.	5.4	83
38	Protein-directed, hydrogen-bonded biohybrid framework. CheM, 2021, 7, 2722-2742.	11.7	83
39	Coupling solid-phase microextraction with ambient mass spectrometry: Strategies and applications. TrAC - Trends in Analytical Chemistry, 2016, 85, 61-72.	11.4	82
40	In situ growth of IRMOF-3 combined with ionic liquids to prepare solid-phase microextraction fibers. Analytica Chimica Acta, 2014, 829, 22-27.	5.4	80
41	Highly efficient photosynthesis of hydrogen peroxide in ambient conditions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	80
42	Kinetic Calibration for Automated Headspace Liquid-Phase Microextraction. Analytical Chemistry, 2005, 77, 8122-8128.	6.5	77
43	Solid-phase microextraction under controlled agitation conditions for rapid on-site sampling of organic pollutants in water. Journal of Chromatography A, 2009, 1216, 6979-6985.	3.7	73
44	Mesoporous TiO2 nanoparticles for highly sensitive solid-phase microextraction of organochlorine pesticides. Analytica Chimica Acta, 2015, 878, 109-117.	5.4	73
45	Application of in vivo solid-phase microextraction in environmental analysis. TrAC - Trends in Analytical Chemistry, 2016, 85, 26-35.	11.4	73
46	Solid-phase microextractionâ€“gas chromatographyâ€“time-of-flight mass spectrometry utilized for the evaluation of the new-generation super elastic fiber assemblies. Analytica Chimica Acta, 2007, 581, 221-231.	5.4	72
47	Determination of octylphenol and nonylphenol in aqueous sample using simultaneous derivatization and dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 6762-6768.	3.7	71
48	A Biocatalytic Cascade in an Ultrastable Mesoporous Hydrogenâ€Bonded Organic Framework for Pointâ€ofâ€Care Biosensing. Angewandte Chemie - International Edition, 2021, 60, 23608-23613.	13.8	71
49	Time-Weighted Average Water Sampling in Lake Ontario with Solid-Phase Microextraction Passive Samplers. Environmental Science & Technology, 2007, 41, 4026-4031.	10.0	70
50	Rapid electron transfer via dynamic coordinative interaction boosts quantum efficiency for photocatalytic CO2 reduction. Nature Communications, 2021, 12, 4276.	12.8	69
51	Determination of 27 pesticides in wine by dispersive liquidâ€“liquid microextraction and gas chromatographyâ€“mass spectrometry. Microchemical Journal, 2016, 126, 415-422.	4.5	63
52	A novel probe based on phenylboronic acid functionalized carbon nanotubes for ultrasensitive carbohydrate determination in biofluids and semi-solid biotissues. Chemical Science, 2016, 7, 1487-1495.	7.4	63
53	Enhanced Photocatalytic Degradation of Environmental Pollutants under Visible Irradiation by a Composite Coating. Environmental Science & Technology, 2017, 51, 5137-5145.	10.0	63
54	Solid-phase microextraction of antibiotics from fish muscle by using MIL-101(Cr)NH2-polyacrylonitrile fiber and their identification by liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2019, 1047, 62-70.	5.4	62

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55	Preparation and characterization of porous carbon material-coated solid-phase microextraction metal fibers. Journal of Chromatography A, 2010, 1217, 7848-7854.	3.7	61
56	On-rod standardization technique for time-weighted average water sampling with a polydimethylsiloxane rod. Journal of Chromatography A, 2006, 1124, 112-120.	3.7	60
57	Bioinspired Polydopamine Sheathed Nanofibers for High-Efficient in Vivo Solid-Phase Microextraction of Pharmaceuticals in Fish Muscle. Analytical Chemistry, 2015, 87, 3453-3459.	6.5	58
58	Atomically unveiling the structure-activity relationship of biomacromolecule-metal-organic frameworks symbiotic crystal. Nature Communications, 2022, 13, 951.	12.8	57
59	Highly porous aerogels based on imine chemistry: syntheses and sorption properties. Journal of Materials Chemistry A, 2015, 3, 10990-10998.	10.3	56
60	Comparison of sample pretreatment methods for the determination of multiple phytohormones in plant samples by liquid chromatographyâ€“electrospray ionization-tandem mass spectrometry. Microchemical Journal, 2015, 121, 25-31.	4.5	56
61	Porous organic polymers with different pore structures for sensitive solid-phase microextraction of environmental organic pollutants. Analytica Chimica Acta, 2017, 989, 21-28.	5.4	56
62	Interface charges redistribution enhanced monolithic etched copper foam-based Cu2O layer/TiO2 nanodots heterojunction with high hydrogen evolution electrocatalytic activity. Applied Catalysis B: Environmental, 2019, 243, 365-372.	20.2	56
63	Automated polyvinylidene difluoride hollow fiber liquid-phase microextraction of flunitrazepam in plasma and urine samples for gas chromatography/tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 2241-2247.	3.7	55
64	Fabrication of a polymeric composite incorporating metal-organic framework nanosheets for solid-phase microextraction of polycyclic aromatic hydrocarbons from water samples. Analytica Chimica Acta, 2017, 971, 48-54.	5.4	55
65	Excess Molar Volumes and Surface Tensions of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene with 1-Butanol, 2-Methyl-1-propanol, 2-Butanol, and 2-Methyl-2-propanol at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 1744-1747.	1.9	54
66	Metalâ€Organic Frameworks: A New Platform for Enzyme Immobilization. ChemBioChem, 2020, 21, 2585-2590.	2.6	54
67	Excess Molar Volumes and Surface Tensions of Trimethylbenzene with Tetrahydrofuran Tetrachloromethane and Dimethyl Sulfoxide at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 1839-1842.	1.9	53
68	On-Fiber Standardization Technique for Solid-Coated Solid-Phase Microextraction. Analytical Chemistry, 2007, 79, 1221-1230.	6.5	53
69	In vivo tracing of organochloride and organophosphorus pesticides in different organs of hydroponically grown malabar spinach (Basella alba L.). Journal of Hazardous Materials, 2016, 316, 52-59.	12.4	53
70	In Vivo Tracing Uptake and Elimination of Organic Pesticides in Fish Muscle. Environmental Science & Technology, 2014, 48, 8012-8020.	10.0	52
71	Carbon Nanotubes Act as Contaminant Carriers and Translocate within Plants. Scientific Reports, 2015, 5, 15682.	3.3	52
72	Bioinspired Polyelectrolyte-Assembled Graphene-Oxide-Coated C18 Composite Solid-Phase Microextraction Fibers for In Vivo Monitoring of Acidic Pharmaceuticals in Fish. Analytical Chemistry, 2016, 88, 5841-5848.	6.5	52

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73	High pseudocapacitance boosts the performance of monolithic porous carbon cloth/closely packed TiO₂nanodots as an anode of an all-flexible sodium-ion battery. Journal of Materials Chemistry A, 2019, 7, 2626-2635.	10.3	52
74	Exploitation of a microporous organic polymer as a stationary phase for capillary gas chromatography. Analytica Chimica Acta, 2016, 902, 205-211.	5.4	51
75	Rapid in vivo determination of fluoroquinolones in cultured puffer fish (Takifugu obscurus) muscle by solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. Talanta, 2017, 175, 550-556.	5.5	51
76	Rate Constants and Mechanisms for Reactions of Bromine Radicals with Trace Organic Contaminants. Environmental Science & Technology, 2021, 55, 10502-10513.	10.0	51
77	Standardâ€free kinetic calibration for rapid onâ€site analysis by solidâ€phase microextraction. Journal of Separation Science, 2008, 31, 1167-1172.	2.5	50
78	Application of solid-phase microextraction for the determination of organophosphorus pesticides in textiles by gas chromatography with mass spectrometry. Analytica Chimica Acta, 2009, 650, 202-206.	5.4	50
79	In Situ Hydrothermally Grown TiO₂@C Coreâ€“Shell Nanowire Coating for Highly Sensitive Solid Phase Microextraction of Polycyclic Aromatic Hydrocarbons. ACS Applied Materials & Interfaces, 2017, 9, 1840-1846.	8.0	50
80	One-Calibrant Kinetic Calibration for On-Site Water Sampling with Solid-Phase Microextraction. Analytical Chemistry, 2009, 81, 5629-5636.	6.5	49
81	A graphene oxide-based polymer composite coating for highly-efficient solid phase microextraction of phenols. Analytica Chimica Acta, 2018, 1015, 20-26.	5.4	49
82	Application of ordered mesoporous carbon in solid phase microextraction for fast mass transfer and high sensitivity. Chemical Communications, 2016, 52, 6829-6832.	4.1	48
83	Hybrid implanted hybrid hollow nanocube electrocatalyst facilitates efficient hydrogen evolution activity. Journal of Materials Chemistry A, 2019, 7, 11150-11159.	10.3	48
84	Hollow fiber liquid-phase microextraction as clean-up step for the determination of organophosphorus pesticides residues in fish tissue by gas chromatography coupled with mass spectrometry. Marine Pollution Bulletin, 2011, 63, 102-107.	5.0	47
85	Sorption properties of hydrophobic organic chemicals to micro-sized polystyrene particles. Science of the Total Environment, 2019, 690, 565-572.	8.0	47
86	Recent advances of covalent organic frameworks and their application in sample preparation of biological analysis. TrAC - Trends in Analytical Chemistry, 2021, 136, 116182.	11.4	47
87	Excess Molar Volumes and Surface Tensions of Xylene with 2-Propanol or 2-Methyl-2-propanol at 298.15 K. Journal of Chemical & Engineering Data, 2003, 48, 195-197.	1.9	46
88	Monitoring of persistent organic pollutants in seawater of the Pearl River Estuary with rapid on-site active SPME sampling technique. Environmental Pollution, 2015, 200, 149-158.	7.5	46
89	Visible-Light Driven Efficient Overall H2O2 Production on Modified Graphitic Carbon Nitride under Ambient Conditions. Applied Catalysis B: Environmental, 2021, 285, 119726.	20.2	45
90	Calibration of solid-phase microextraction for quantitative analysis by gas chromatography. Journal of Chromatography A, 2005, 1097, 9-16.	3.7	43

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91	Hollow fiber based liquid phase microextraction for the determination of organochlorine pesticides in ecological textiles by gas chromatographyâ€“mass spectrometry. Talanta, 2016, 146, 375-380.	5.5	43
92	Construction of Two-Dimensional Fluorescent Covalent Organic Framework Nanosheets for the Detection and Removal of Nitrophenols. Analytical Chemistry, 2022, 94, 2517-2526.	6.5	43
93	Preparation and application of in-fibre internal standardization solid-phase microextraction. Analyst, The, 2007, 132, 256.	3.5	42
94	A New Concept of Desulfurization: The Electrochemically Driven and Green Conversion of SO₂ to NaHSO₄ in Aqueous Solution. Environmental Science & Technology, 2008, 42, 8585-8590.	10.0	42
95	Hierarchical Graphene coating for highly sensitive solid phase microextraction of organochlorine pesticides. Talanta, 2016, 160, 217-224.	5.5	42
96	Boronic Acid Decorated Defective Metalâ€“Organic Framework Nanoreactors for Highâ€Efficiency Carbohydrates Separation and Labeling. Advanced Functional Materials, 2017, 27, 1702126.	14.9	42
97	Isoreticular bio-MOF 100â€“102 coated solid-phase microextraction fibers for fast and sensitive determination of organic pollutants by the pore structure dominated mechanism. Analyst, The, 2015, 140, 4384-4387.	3.5	41
98	Graphene-based metal and nitrogen-doped carbon composites as adsorbents for highly sensitive solid phase microextraction of polycyclic aromatic hydrocarbons. Nanoscale, 2018, 10, 10073-10078.	5.6	41
99	Preparation and characterization of vinyl-functionalized mesoporous organosilica-coated solid-phase microextraction fiber. Journal of Chromatography A, 2012, 1247, 42-48.	3.7	40
100	Rapid in vivo determination of tetrodotoxin in pufferfish (Fugu) muscle by solid-phase microextraction coupled to high-performance liquid chromatography tandem mass spectrometry. Talanta, 2017, 171, 179-184.	5.5	40
101	Novel solidâ€phase microextraction fiber coatings: A review. Journal of Separation Science, 2022, 45, 282-304.	2.5	40
102	One-step extraction and derivatization liquid-phase microextraction for the determination of chlorophenols by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2009, 1216, 6267-6273.	3.7	39
103	Recent development in sample preparation techniques for plant hormone analysis. TrAC - Trends in Analytical Chemistry, 2019, 113, 224-233.	11.4	39
104	Bimetal Biomimetic Engineering Utilizing Metalâ€“Organic Frameworks for Superoxide Dismutase Mimic. , 2022, 4, 751-757.		39
105	Preparation of C18 composite solid-phase microextraction fiber and its application to the determination of organochlorine pesticides in water samples. Analytica Chimica Acta, 2015, 873, 57-62.	5.4	38
106	Graphene Oxide-Supported Lanthanide Metalâ€“Organic Frameworks with Boosted Stabilities and Detection Sensitivities. Analytical Chemistry, 2020, 92, 15550-15557.	6.5	38
107	Joint effect of nanoplastics and humic acid on the uptake of PAHs for Daphnia magna: A model study. Journal of Hazardous Materials, 2020, 391, 122195.	12.4	38
108	New insights into the photo-degraded polystyrene microplastic: Effect on the release of volatile organic compounds. Journal of Hazardous Materials, 2022, 431, 128523.	12.4	38

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109	Time-Weighted Average Water Sampling with a Solid-Phase Microextraction Device. Analytical Chemistry, 2005, 77, 7319-7325.	6.5	37
110	Sample preparation and instrumental methods for illicit drugs in environmental and biological samples: A review. Journal of Chromatography A, 2021, 1640, 461961.	3.7	37
111	A solar-to-chemical conversion efficiency up to 0.26% achieved in ambient conditions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	37
112	Environmental fates of synthetic musks in animal and plant: An in vivo study. Chemosphere, 2015, 138, 584-591.	8.2	36
113	Excess Molar Volumes and Surface Tensions of Xylene with Isopropyl Ether or Methyltert-Butyl Ether at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 732-734.	1.9	35
114	Automated hollow-fiber liquid-phase microextraction coupled with liquid chromatography/tandem mass spectrometry for the analysis of aflatoxin M1 in milk. Journal of Chromatography A, 2015, 1416, 137-140.	3.7	35
115	Silicaâ€“Polypyrrole Hybrids as Highâ€Performance Metalâ€Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. Angewandte Chemie, 2017, 129, 8232-8236.	2.0	35
116	A tri-metal centered metal-organic framework for solid-phase microextraction of environmental contaminants with enhanced extraction efficiency. Analytica Chimica Acta, 2017, 987, 38-46.	5.4	35
117	Quantifying nanoplastic-bound chemicals accumulated in Daphnia magna with a passive dosing method. Environmental Science: Nano, 2018, 5, 776-781.	4.3	35
118	Peanut shell-derived biochar materials for effective solid-phase microextraction of polycyclic aromatic hydrocarbons in environmental waters. Talanta, 2019, 202, 90-95.	5.5	35
119	Redox-Active Moieties in Dissolved Organic Matter Accelerate the Degradation of Nitroimidazoles in SO₄^{â€¢â€“}-Based Oxidation. Environmental Science & Technology, 2021, 55, 14844-14853.	10.0	35
120	In situ solid phase microextraction sampling of analytes from living human objects for mass spectrometry analysis. TrAC - Trends in Analytical Chemistry, 2021, 143, 116368.	11.4	34
121	Excess Molar Volumes and Surface Tensions of Trimethylbenzene + Ethylene Glycol Ester at 298.15 K and 313.15 K. Journal of Chemical & Engineering Data, 2006, 51, 725-729.	1.9	33
122	Iron-Mineralization-Induced Mesoporous Metalâ€“Organic Frameworks Enable High-Efficiency Synergistic Catalysis of Natural/Nanomimic Enzymes. ACS Applied Materials & Interfaces, 2020, 12, 57343-57351.	8.0	33
123	Recent advances in sample preparation techniques for quantitative detection of pharmaceuticals in biological samples. TrAC - Trends in Analytical Chemistry, 2021, 142, 116318.	11.4	33
124	Bromine Radical (Br^{â€¢} and Br₂^{â€¢â€“}) Reactivity with Dissolved Organic Matter and Brominated Organic Byproduct Formation. Environmental Science & Technology, 2022, 56, 5189-5199.	10.0	33
125	Determination of organochlorine pesticides in textiles using solid-phase microextraction with gas chromatographyâ€“mass spectrometry. Microchemical Journal, 2013, 110, 280-284.	4.5	32
126	Preparation and evaluation of amino modified graphene solid-phase microextraction fiber and its application to the determination of synthetic musks in water samples. Journal of Chromatography A, 2016, 1429, 1-7.	3.7	32

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127	Amine-functionalized MIL-53(Al)-coated stainless steel fiber for efficient solid-phase microextraction of synthetic musks and organochlorine pesticides in water samples. Analytical and Bioanalytical Chemistry, 2017, 409, 5239-5247.	3.7	32
128	Combined effect of microplastics and DDT on microbial growth: A bacteriological and metabolomics investigation in Escherichia coli. Journal of Hazardous Materials, 2021, 407, 124849.	12.4	32
129	Efficient solid phase microextraction of organic pollutants based on graphene oxide/chitosan aerogel. Analytica Chimica Acta, 2022, 1195, 339462.	5.4	32
130	Knitting aromatic polymers for efficient solid-phase microextraction of trace organic pollutants. Journal of Chromatography A, 2016, 1450, 9-16.	3.7	31
131	Powdery polymer and carbon aerogels with high surface areas for high-performance solid phase microextraction coatings. Nanoscale, 2017, 9, 5545-5550.	5.6	31
132	Novel Electrosorption-Enhanced Solid-Phase Microextraction Device for Ultrafast In Vivo Sampling of Ionized Pharmaceuticals in Fish. Environmental Science & Technology, 2018, 52, 145-151.	10.0	31
133	Allochroicâ€Graphene Oxide Linked 3D Oriented Surface Imprinting Strategy for Glycoproteins Assays. Advanced Functional Materials, 2018, 28, 1804129.	14.9	31
134	In-situ layer-by-layer synthesized TpPa-1 COF solid-phase microextraction fiber for detecting sex hormones in serum. Analytica Chimica Acta, 2020, 1137, 28-36.	5.4	31
135	Enhanced fluoride adsorption from aqueous solution by zirconium (IV)-impregnated magnetic chitosan graphene oxide. International Journal of Biological Macromolecules, 2021, 182, 1759-1768.	7.5	31
136	Hydrogen-Bonded Biohybrid Framework-Derived Highly Specific Nanozymes for Biomarker Sensing. Analytical Chemistry, 2021, 93, 13981-13989.	6.5	31
137	Excess Molar Volumes and Surface Tensions of Xylene with Acetone or 2-Butanone at 298.15 K. Journal of Chemical & Engineering Data, 2004, 49, 330-332.	1.9	29
138	Densities and Surface Tensions of Trimethylbenzene + Dimethyl Carbonate or + Diethyl Carbonate at 298.15 K and 313.15 K. Journal of Chemical & Engineering Data, 2006, 51, 1464-1468.	1.9	29
139	Flow-through system for the generation of standard aqueous solution of polycyclic aromatic hydrocarbons. Journal of Chromatography A, 2006, 1105, 176-179.	3.7	29
140	Headspace solid-phase microextraction gas chromatographyâ€“mass spectrometry analysis of Eupatorium odoratum extract as an oviposition repellent. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1901-1906.	2.3	29
141	In vivo tracing of organophosphorus pesticides in cabbage (Brassica parachinensis) and aloe (Barbadensis). Science of the Total Environment, 2016, 550, 1134-1140.	8.0	29
142	Trends in sensitive detection and rapid removal of sulfonamides: A review. Journal of Separation Science, 2020, 43, 1634-1652.	2.5	29
143	Disposable solid-phase microextraction fiber coupled with gas chromatography-mass spectrometry for complex matrix analysis. Analytical Methods, 2014, 6, 4895-4900.	2.7	28
144	Ordered mesoporous polymers in situ coated on a stainless steel wire for a highly sensitive solid phase microextraction fibre. Nanoscale, 2015, 7, 11720-11726.	5.6	28

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145	Rapid detection of five anesthetics in tilapias by in vivo solid phase microextraction coupling with gas chromatography-mass spectrometry. Talanta, 2017, 168, 263-268.	5.5	28
146	Hollow carbon nanobubbles-coated solid-phase microextraction fibers for the sensitive detection of organic pollutants. Analytica Chimica Acta, 2020, 1097, 85-93.	5.4	28
147	Theory and Validation of Solid-Phase Microextraction and Needle Trap Devices for Aerosol Sample. Analytical Chemistry, 2010, 82, 9521-9527.	6.5	27
148	Hollow carbon nanospheres with high surface areas for fast, broad-spectrum and sensitive adsorption of pollutants. Nanoscale, 2018, 10, 5725-5730.	5.6	27
149	Fabrication of 8-aminocaprylic acid doped UIO-66 as sensitive solid-phase microextraction fiber for nitrosamines. Talanta, 2018, 178, 629-635.	5.5	27
150	A Novel Water-Swelling Sampling Probe for in Vivo Detection of Neonicotinoids in Plants. Environmental Science & Technology, 2019, 53, 9686-9694.	10.0	27
151	â€œPanzerungâ€•von Enzymen mit Metallâ€organischen GerÃ¼sten. Angewandte Chemie, 2020, 132, 8868-8881	2.0	27
152	Sheathed in-situ room-temperature growth covalent organic framework solid-phase microextraction fiber for detecting ultratrace polybrominated diphenyl ethers from environmental samples. Analytica Chimica Acta, 2021, 1176, 338772.	5.4	27
153	Coordinated Anionic Inorganic Moduleâ€”An Efficient Approach Towards Highly Efficient Blueâ€Emitting Copper Halide Ionic Hybrid Structures. Angewandte Chemie - International Edition, 2022, 61, .	13.8	27
154	Time-weighted average water sampling with a diffusion-based solid-phase microextraction device. Journal of Chromatography A, 2007, 1138, 42-46.	3.7	26
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