

Gangfeng Ouyang

List of Publications by Year in descending order

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303
papers

12,893
citations

24978

57
h-index

39575

94
g-index

312
all docs

312
docs citations

312
times ranked

10258
citing authors

#	ARTICLE	IF	CITATIONS
1	Nondestructive Sampling of Living Systems Using <i>in Vivo</i> Solid-Phase Microextraction. <i>Chemical Reviews</i> , 2011, 111, 2784-2814.	23.0	399
2	A synthetic route to ultralight hierarchically micro/mesoporous Al(III)-carboxylate metal-organic aerogels. <i>Nature Communications</i> , 2013, 4, 1774.	5.8	310
3	Exceptional Hydrophobicity of a Large-Pore Metal-Organic Zeolite. <i>Journal of the American Chemical Society</i> , 2015, 137, 7217-7223.	6.6	270
4	A critical review in calibration methods for solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2008, 627, 184-197.	2.6	258
5	Enzymes with Metal-Organic Frameworks (MOFs). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8786-8798.	7.2	244
6	SPME in environmental analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1059-1073.	1.9	237
7	A Convenient and Versatile Amino-Boosted Biomimetic Strategy for the Nondestructive Encapsulation of Biomacromolecules within Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1463-1467.	7.2	231
8	Application of functionalized magnetic nanoparticles in sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 377-399.	1.9	229
9	Silica-Polypyrrole Hybrids as High-Performance Metal-Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8120-8124.	7.2	214
10	New materials in solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 47, 68-83.	5.8	196
11	Modulating the Biofunctionality of Metal-Organic Framework-Encapsulated Enzymes through Controllable Embedding Patterns. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2867-2874.	7.2	190
12	Application of nanomaterials in sample preparation. <i>Journal of Chromatography A</i> , 2013, 1300, 2-16.	1.8	186
13	Effect of salinity and humic acid on the aggregation and toxicity of polystyrene nanoplastics with different functional groups and charges. <i>Environmental Pollution</i> , 2019, 245, 836-843.	3.7	185
14	A porous coordination framework for highly sensitive and selective solid-phase microextraction of non-polar volatile organic compounds. <i>Chemical Science</i> , 2013, 4, 351-356.	3.7	183
15	Recent developments in SPME for on-site analysis and monitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 692-703.	5.8	173
16	Cerium-based hybrid nanorods for synergetic photo-thermocatalytic degradation of organic pollutants. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24740-24747.	5.2	164
17	Microwave-assisted extraction combined with gel permeation chromatography and silica gel cleanup followed by gas chromatography-mass spectrometry for the determination of organophosphorus flame retardants and plasticizers in biological samples. <i>Analytica Chimica Acta</i> , 2013, 786, 47-53.	2.6	142
18	Preparation and characterization of metal-organic framework MIL-101(Cr)-coated solid-phase microextraction fiber. <i>Analytica Chimica Acta</i> , 2015, 853, 303-310.	2.6	142

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19	Fabrications of novel solid phase microextraction fiber coatings based on new materials for high enrichment capability. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 135-153.	5.8	131
20	Carbon nanotube-coated solid-phase microextraction metal fiber based on sol-gel technique. <i>Journal of Chromatography A</i> , 2009, 1216, 4641-4647.	1.8	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. <i>Journal of Chromatography A</i> , 2008, 1196-1197, 89-95.	1.8	105
22	Hierarchically Nanostructured Rutile Arrays: Acid Vapor Oxidation Growth and Tunable Morphologies. <i>ACS Nano</i> , 2009, 3, 1212-1218.	7.3	105
23	Configurations and calibration methods for passive sampling techniques. <i>Journal of Chromatography A</i> , 2007, 1168, 226-235.	1.8	103
24	Investigating the toxicities of different functionalized polystyrene nanoplastics on <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 509-516.	2.9	101
25	Quantitative in Vivo Microsampling for Pharmacokinetic Studies Based on an Integrated Solid-Phase Microextraction System. <i>Analytical Chemistry</i> , 2007, 79, 4507-4513.	3.2	98
26	Automation and optimization of liquid-phase microextraction by gas chromatography. <i>Journal of Chromatography A</i> , 2007, 1138, 47-54.	1.8	94
27	Synthesis and application of magnetic molecularly imprinted polymers in sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3991-4014.	1.9	93
28	Smartphone-assisted robust enzymes@MOFs-based paper biosensor for point-of-care detection. <i>Biosensors and Bioelectronics</i> , 2020, 156, 112095.	5.3	92
29	Occurrence and distribution of phthalate esters in riverine sediments from the Pearl River Delta region, South China. <i>Marine Pollution Bulletin</i> , 2014, 83, 358-365.	2.3	91
30	Applications of in vivo and in vitro solid-phase microextraction techniques in plant analysis: A review. <i>Analytica Chimica Acta</i> , 2013, 794, 1-14.	2.6	90
31	Kinetic Calibration for Automated Hollow Fiber-Protected Liquid-Phase Microextraction. <i>Analytical Chemistry</i> , 2006, 78, 5783-5788.	3.2	89
32	Sampling-Rate Calibration for Rapid and Nonlethal Monitoring of Organic Contaminants in Fish Muscle by Solid-Phase Microextraction. <i>Environmental Science & Technology</i> , 2011, 45, 7792-7798.	4.6	87
33	Preparation of graphene-coated solid-phase microextraction fiber and its application on organochlorine pesticides determination. <i>Journal of Chromatography A</i> , 2013, 1300, 187-192.	1.8	87
34	Embedding Functional Biomacromolecules within Peptide-Directed Metal-Organic Framework (MOF) Nanoarchitectures Enables Activity Enhancement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13947-13954.	7.2	86
35	The sensitive and selective adsorption of aromatic compounds with highly crosslinked polymer nanoparticles. <i>Nanoscale</i> , 2015, 7, 16943-16951.	2.8	84
36	Quantification of the combined toxic effect of polychlorinated biphenyls and nano-sized polystyrene on <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2019, 364, 531-536.	6.5	84

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37	Solid-phase microextraction: An appealing alternative for the determination of endogenous substances - A review. <i>Analytica Chimica Acta</i> , 2019, 1077, 67-86.	2.6	83
38	Protein-directed, hydrogen-bonded biohybrid framework. <i>CheM</i> , 2021, 7, 2722-2742.	5.8	83
39	Coupling solid-phase microextraction with ambient mass spectrometry: Strategies and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 61-72.	5.8	82
40	In situ growth of IRMOF-3 combined with ionic liquids to prepare solid-phase microextraction fibers. <i>Analytica Chimica Acta</i> , 2014, 829, 22-27.	2.6	80
41	Highly efficient photosynthesis of hydrogen peroxide in ambient conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	80
42	Kinetic Calibration for Automated Headspace Liquid-Phase Microextraction. <i>Analytical Chemistry</i> , 2005, 77, 8122-8128.	3.2	77
43	Solid-phase microextraction under controlled agitation conditions for rapid on-site sampling of organic pollutants in water. <i>Journal of Chromatography A</i> , 2009, 1216, 6979-6985.	1.8	73
44	Mesoporous TiO ₂ nanoparticles for highly sensitive solid-phase microextraction of organochlorine pesticides. <i>Analytica Chimica Acta</i> , 2015, 878, 109-117.	2.6	73
45	Application of in vivo solid-phase microextraction in environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 26-35.	5.8	73
46	Solid-phase microextraction-gas chromatography-time-of-flight mass spectrometry utilized for the evaluation of the new-generation super elastic fiber assemblies. <i>Analytica Chimica Acta</i> , 2007, 581, 221-231.	2.6	72
47	Determination of octylphenol and nonylphenol in aqueous sample using simultaneous derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6762-6768.	1.8	71
48	A Biocatalytic Cascade in an Ultrastable Mesoporous Hydrogen-Bonded Organic Framework for Point-of-Care Biosensing. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23608-23613.	7.2	71
49	Time-Weighted Average Water Sampling in Lake Ontario with Solid-Phase Microextraction Passive Samplers. <i>Environmental Science & Technology</i> , 2007, 41, 4026-4031.	4.6	70
50	Rapid electron transfer via dynamic coordinative interaction boosts quantum efficiency for photocatalytic CO ₂ reduction. <i>Nature Communications</i> , 2021, 12, 4276.	5.8	69
51	Determination of 27 pesticides in wine by dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2016, 126, 415-422.	2.3	63
52	A novel probe based on phenylboronic acid functionalized carbon nanotubes for ultrasensitive carbohydrate determination in biofluids and semi-solid biotissues. <i>Chemical Science</i> , 2016, 7, 1487-1495.	3.7	63
53	Enhanced Photocatalytic Degradation of Environmental Pollutants under Visible Irradiation by a Composite Coating. <i>Environmental Science & Technology</i> , 2017, 51, 5137-5145.	4.6	63
54	Solid-phase microextraction of antibiotics from fish muscle by using MIL-101(Cr)NH ₂ -polyacrylonitrile fiber and their identification by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1047, 62-70.	2.6	62

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55	Preparation and characterization of porous carbon material-coated solid-phase microextraction metal fibers. <i>Journal of Chromatography A</i> , 2010, 1217, 7848-7854.	1.8	61
56	On-rod standardization technique for time-weighted average water sampling with a polydimethylsiloxane rod. <i>Journal of Chromatography A</i> , 2006, 1124, 112-120.	1.8	60
57	Bioinspired Polydopamine Sheathed Nanofibers for High-Efficient in Vivo Solid-Phase Microextraction of Pharmaceuticals in Fish Muscle. <i>Analytical Chemistry</i> , 2015, 87, 3453-3459.	3.2	58
58	Atomically unveiling the structure-activity relationship of biomacromolecule-metal-organic frameworks symbiotic crystal. <i>Nature Communications</i> , 2022, 13, 951.	5.8	57
59	Highly porous aerogels based on imine chemistry: syntheses and sorption properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10990-10998.	5.2	56
60	Comparison of sample pretreatment methods for the determination of multiple phytohormones in plant samples by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Microchemical Journal</i> , 2015, 121, 25-31.	2.3	56
61	Porous organic polymers with different pore structures for sensitive solid-phase microextraction of environmental organic pollutants. <i>Analytica Chimica Acta</i> , 2017, 989, 21-28.	2.6	56
62	Interface charges redistribution enhanced monolithic etched copper foam-based Cu ₂ O layer/TiO ₂ nanodots heterojunction with high hydrogen evolution electrocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 365-372.	10.8	56
63	Automated polyvinylidene difluoride hollow fiber liquid-phase microextraction of flunitrazepam in plasma and urine samples for gas chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 2241-2247.	1.8	55
64	Fabrication of a polymeric composite incorporating metal-organic framework nanosheets for solid-phase microextraction of polycyclic aromatic hydrocarbons from water samples. <i>Analytica Chimica Acta</i> , 2017, 971, 48-54.	2.6	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. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1744-1747.	1.0	54
66	Metal-Organic Frameworks: A New Platform for Enzyme Immobilization. <i>ChemBioChem</i> , 2020, 21, 2585-2590.	1.3	54
67	Excess Molar Volumes and Surface Tensions of Trimethylbenzene with Tetrahydrofuran Tetrachloromethane and Dimethyl Sulfoxide at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1839-1842.	1.0	53
68	On-Fiber Standardization Technique for Solid-Coated Solid-Phase Microextraction. <i>Analytical Chemistry</i> , 2007, 79, 1221-1230.	3.2	53
69	In vivo tracing of organochloride and organophosphorus pesticides in different organs of hydroponically grown malabar spinach (<i>Basella alba</i> L.). <i>Journal of Hazardous Materials</i> , 2016, 316, 52-59.	6.5	53
70	<i>In Vivo</i> Tracing Uptake and Elimination of Organic Pesticides in Fish Muscle. <i>Environmental Science & Technology</i> , 2014, 48, 8012-8020.	4.6	52
71	Carbon Nanotubes Act as Contaminant Carriers and Translocate within Plants. <i>Scientific Reports</i> , 2015, 5, 15682.	1.6	52
72	Bioinspired Polyelectrolyte-Assembled Graphene-Oxide-Coated C18 Composite Solid-Phase Microextraction Fibers for In Vivo Monitoring of Acidic Pharmaceuticals in Fish. <i>Analytical Chemistry</i> , 2016, 88, 5841-5848.	3.2	52

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73	High pseudocapacitance boosts the performance of monolithic porous carbon cloth/closely packed TiO ₂ nanodots as an anode of an all-flexible sodium-ion battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2626-2635.	5.2	52
74	Exploitation of a microporous organic polymer as a stationary phase for capillary gas chromatography. <i>Analytica Chimica Acta</i> , 2016, 902, 205-211.	2.6	51
75	Rapid in vivo determination of fluoroquinolones in cultured puffer fish (<i>Takifugu obscurus</i>) muscle by solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2017, 175, 550-556.	2.9	51
76	Rate Constants and Mechanisms for Reactions of Bromine Radicals with Trace Organic Contaminants. <i>Environmental Science & Technology</i> , 2021, 55, 10502-10513.	4.6	51
77	Standard-free kinetic calibration for rapid on-site analysis by solid-phase microextraction. <i>Journal of Separation Science</i> , 2008, 31, 1167-1172.	1.3	50
78	Application of solid-phase microextraction for the determination of organophosphorus pesticides in textiles by gas chromatography with mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 650, 202-206.	2.6	50
79	In Situ Hydrothermally Grown TiO ₂ @C Core-Shell Nanowire Coating for Highly Sensitive Solid Phase Microextraction of Polycyclic Aromatic Hydrocarbons. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1840-1846.	4.0	50
80	One-Calibrant Kinetic Calibration for On-Site Water Sampling with Solid-Phase Microextraction. <i>Analytical Chemistry</i> , 2009, 81, 5629-5636.	3.2	49
81	A graphene oxide-based polymer composite coating for highly-efficient solid phase microextraction of phenols. <i>Analytica Chimica Acta</i> , 2018, 1015, 20-26.	2.6	49
82	Application of ordered mesoporous carbon in solid phase microextraction for fast mass transfer and high sensitivity. <i>Chemical Communications</i> , 2016, 52, 6829-6832.	2.2	48
83	Hybrid implanted hybrid hollow nanocube electrocatalyst facilitates efficient hydrogen evolution activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11150-11159.	5.2	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. <i>Marine Pollution Bulletin</i> , 2011, 63, 102-107.	2.3	47
85	Sorption properties of hydrophobic organic chemicals to micro-sized polystyrene particles. <i>Science of the Total Environment</i> , 2019, 690, 565-572.	3.9	47
86	Recent advances of covalent organic frameworks and their application in sample preparation of biological analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 136, 116182.	5.8	47
87	Excess Molar Volumes and Surface Tensions of Xylene with 2-Propanol or 2-Methyl-2-propanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 195-197.	1.0	46
88	Monitoring of persistent organic pollutants in seawater of the Pearl River Estuary with rapid on-site active SPME sampling technique. <i>Environmental Pollution</i> , 2015, 200, 149-158.	3.7	46
89	Visible-Light Driven Efficient Overall H ₂ O ₂ Production on Modified Graphitic Carbon Nitride under Ambient Conditions. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119726.	10.8	45
90	Calibration of solid-phase microextraction for quantitative analysis by gas chromatography. <i>Journal of Chromatography A</i> , 2005, 1097, 9-16.	1.8	43

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91	Hollow fiber based liquid phase microextraction for the determination of organochlorine pesticides in ecological textiles by gas chromatography–mass spectrometry. <i>Talanta</i> , 2016, 146, 375-380.	2.9	43
92	Construction of Two-Dimensional Fluorescent Covalent Organic Framework Nanosheets for the Detection and Removal of Nitrophenols. <i>Analytical Chemistry</i> , 2022, 94, 2517-2526.	3.2	43
93	Preparation and application of in-fibre internal standardization solid-phase microextraction. <i>Analyst</i> , 2007, 132, 256.	1.7	42
94	A New Concept of Desulfurization: The Electrochemically Driven and Green Conversion of SO ₂ to NaHSO ₄ in Aqueous Solution. <i>Environmental Science & Technology</i> , 2008, 42, 8585-8590.	4.6	42
95	Hierarchical Graphene coating for highly sensitive solid phase microextraction of organochlorine pesticides. <i>Talanta</i> , 2016, 160, 217-224.	2.9	42
96	Boronic Acid Decorated Defective Metal–Organic Framework Nanoreactors for High Efficiency Carbohydrates Separation and Labeling. <i>Advanced Functional Materials</i> , 2017, 27, 1702126.	7.8	42
97	Isoreticular bio-MOF 100–102 coated solid-phase microextraction fibers for fast and sensitive determination of organic pollutants by the pore structure dominated mechanism. <i>Analyst</i> , 2015, 140, 4384-4387.	1.7	41
98	Graphene-based metal and nitrogen-doped carbon composites as adsorbents for highly sensitive solid phase microextraction of polycyclic aromatic hydrocarbons. <i>Nanoscale</i> , 2018, 10, 10073-10078.	2.8	41
99	Preparation and characterization of vinyl-functionalized mesoporous organosilica-coated solid-phase microextraction fiber. <i>Journal of Chromatography A</i> , 2012, 1247, 42-48.	1.8	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. <i>Talanta</i> , 2017, 171, 179-184.	2.9	40
101	Novel solid-phase microextraction fiber coatings: A review. <i>Journal of Separation Science</i> , 2022, 45, 282-304.	1.3	40
102	One-step extraction and derivatization liquid-phase microextraction for the determination of chlorophenols by gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 6267-6273.	1.8	39
103	Recent development in sample preparation techniques for plant hormone analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 224-233.	5.8	39
104	Bimetal Biomimetic Engineering Utilizing Metal–Organic Frameworks for Superoxide Dismutase Mimic. <i>ACS Applied Materials & Interfaces</i> , 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. <i>Analytica Chimica Acta</i> , 2015, 873, 57-62.	2.6	38
106	Graphene Oxide-Supported Lanthanide Metal–Organic Frameworks with Boosted Stabilities and Detection Sensitivities. <i>Analytical Chemistry</i> , 2020, 92, 15550-15557.	3.2	38
107	Joint effect of nanoplastics and humic acid on the uptake of PAHs for <i>Daphnia magna</i> : A model study. <i>Journal of Hazardous Materials</i> , 2020, 391, 122195.	6.5	38
108	New insights into the photo-degraded polystyrene microplastic: Effect on the release of volatile organic compounds. <i>Journal of Hazardous Materials</i> , 2022, 431, 128523.	6.5	38

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109	Time-Weighted Average Water Sampling with a Solid-Phase Microextraction Device. <i>Analytical Chemistry</i> , 2005, 77, 7319-7325.	3.2	37
110	Sample preparation and instrumental methods for illicit drugs in environmental and biological samples: A review. <i>Journal of Chromatography A</i> , 2021, 1640, 461961.	1.8	37
111	A solar-to-chemical conversion efficiency up to 0.26% achieved in ambient conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	37
112	Environmental fates of synthetic musks in animal and plant: An in vivo study. <i>Chemosphere</i> , 2015, 138, 584-591.	4.2	36
113	Excess Molar Volumes and Surface Tensions of Xylene with Isopropyl Ether or Methyltert-Butyl Ether at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 732-734.	1.0	35
114	Automated hollow-fiber liquid-phase microextraction coupled with liquid chromatography/tandem mass spectrometry for the analysis of aflatoxin M1 in milk. <i>Journal of Chromatography A</i> , 2015, 1416, 137-140.	1.8	35
115	Silica-Polypyrrole Hybrids as High-Performance Metal-Free Electrocatalysts for the Hydrogen Evolution Reaction in Neutral Media. <i>Angewandte Chemie</i> , 2017, 129, 8232-8236.	1.6	35
116	A tri-metal centered metal-organic framework for solid-phase microextraction of environmental contaminants with enhanced extraction efficiency. <i>Analytica Chimica Acta</i> , 2017, 987, 38-46.	2.6	35
117	Quantifying nanoplastic-bound chemicals accumulated in <i>Daphnia magna</i> with a passive dosing method. <i>Environmental Science: Nano</i> , 2018, 5, 776-781.	2.2	35
118	Peanut shell-derived biochar materials for effective solid-phase microextraction of polycyclic aromatic hydrocarbons in environmental waters. <i>Talanta</i> , 2019, 202, 90-95.	2.9	35
119	Redox-Active Moieties in Dissolved Organic Matter Accelerate the Degradation of Nitroimidazoles in SO ₄ ²⁻ -Based Oxidation. <i>Environmental Science & Technology</i> , 2021, 55, 14844-14853.	4.6	35
120	In situ solid phase microextraction sampling of analytes from living human objects for mass spectrometry analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116368.	5.8	34
121	Excess Molar Volumes and Surface Tensions of Trimethylbenzene + Ethylene Glycol Ester at 298.15 K and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 725-729.	1.0	33
122	Iron-Mineralization-Induced Mesoporous Metal-Organic Frameworks Enable High-Efficiency Synergistic Catalysis of Natural/Nanomimic Enzymes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57343-57351.	4.0	33
123	Recent advances in sample preparation techniques for quantitative detection of pharmaceuticals in biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116318.	5.8	33
124	Bromine Radical (Br [•] and Br ₂ ^{•+}) Reactivity with Dissolved Organic Matter and Brominated Organic Byproduct Formation. <i>Environmental Science & Technology</i> , 2022, 56, 5189-5199.	4.6	33
125	Determination of organochlorine pesticides in textiles using solid-phase microextraction with gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2013, 110, 280-284.	2.3	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. <i>Journal of Chromatography A</i> , 2016, 1429, 1-7.	1.8	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. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5239-5247.	1.9	32
128	Combined effect of microplastics and DDT on microbial growth: A bacteriological and metabolomics investigation in <i>Escherichia coli</i> . <i>Journal of Hazardous Materials</i> , 2021, 407, 124849.	6.5	32
129	Efficient solid phase microextraction of organic pollutants based on graphene oxide/chitosan aerogel. <i>Analytica Chimica Acta</i> , 2022, 1195, 339462.	2.6	32
130	Knitting aromatic polymers for efficient solid-phase microextraction of trace organic pollutants. <i>Journal of Chromatography A</i> , 2016, 1450, 9-16.	1.8	31
131	Powdery polymer and carbon aerogels with high surface areas for high-performance solid phase microextraction coatings. <i>Nanoscale</i> , 2017, 9, 5545-5550.	2.8	31
132	Novel Electrosorption-Enhanced Solid-Phase Microextraction Device for Ultrafast In Vivo Sampling of Ionized Pharmaceuticals in Fish. <i>Environmental Science & Technology</i> , 2018, 52, 145-151.	4.6	31
133	Allochroicâ€Graphene Oxide Linked 3D Oriented Surface Imprinting Strategy for Glycoproteins Assays. <i>Advanced Functional Materials</i> , 2018, 28, 1804129.	7.8	31
134	In-situ layer-by-layer synthesized TpPa-1 COF solid-phase microextraction fiber for detecting sex hormones in serum. <i>Analytica Chimica Acta</i> , 2020, 1137, 28-36.	2.6	31
135	Enhanced fluoride adsorption from aqueous solution by zirconium (IV)-impregnated magnetic chitosan graphene oxide. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1759-1768.	3.6	31
136	Hydrogen-Bonded Biohybrid Framework-Derived Highly Specific Nanozymes for Biomarker Sensing. <i>Analytical Chemistry</i> , 2021, 93, 13981-13989.	3.2	31
137	Excess Molar Volumes and Surface Tensions of Xylene with Acetone or 2-Butanone at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 330-332.	1.0	29
138	Densities and Surface Tensions of Trimethylbenzene + Dimethyl Carbonate or + Diethyl Carbonate at 298.15 K and 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1464-1468.	1.0	29
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