

# Gangfeng Ouyang

## List of Publications by Year in descending order

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303  
papers

12,893  
citations

25034

57  
h-index

39675

94  
g-index

312  
all docs

312  
docs citations

312  
times ranked

10258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene-based nanospheres with controllable microstructures for exceptional solid phase microextraction of organic pollutants. <i>Chemical Engineering Journal</i> , 2022, 428, 132527.	12.7	20
2	PP2A-mTOR-p70S6K/4E-BP1 axis regulates M1 polarization of pulmonary macrophages and promotes ambient particulate matter induced mouse lung injury. <i>Journal of Hazardous Materials</i> , 2022, 424, 127624.	12.4	11
3	MOF-74/polystyrene-derived Ni-doped hierarchical porous carbon for structure-oriented extraction of polycyclic aromatic hydrocarbons and their metabolites from human biofluids. <i>Journal of Hazardous Materials</i> , 2022, 424, 127465.	12.4	22
4	PDMS-coated $^{13}\text{C}$ -MOF solid-phase microextraction fiber for BTEX analysis with boosted performances. <i>Analytica Chimica Acta</i> , 2022, 1189, 339259.	5.4	3
5	Role of Antioxidant Moieties in the Quenching of a Purine Radical by Dissolved Organic Matter. <i>Environmental Science &amp; Technology</i> , 2022, 56, 546-555.	10.0	19
6	Novel solid-phase microextraction fiber coatings: A review. <i>Journal of Separation Science</i> , 2022, 45, 282-304.	2.5	40
7	An ultrafast and facile nondestructive strategy to convert various inefficient commercial nanocarbons to highly active Fenton-like catalysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	12
8	Crystal morphology tuning and green post-synthetic modification of metal organic framework for HPLC enantioseparation. <i>Talanta</i> , 2022, 239, 123143.	5.5	17
9	Titelbild: Coordinated Anionic Inorganic Module—An Efficient Approach Towards Highly Efficient Blue-Emitting Copper Halide Ionic Hybrid Structures ( <i>Angew. Chem.</i> 8/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
10	Biocatalytic Metal-Organic Frameworks: Promising Materials for Biosensing. <i>ChemBioChem</i> , 2022, 23, .	2.6	21
11	Boosting $\text{CH}_4$ selectivity in $\text{CO}_2$ electroreduction using a metallacycle-based porous crystal with biomimetic adaptive cavities. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11948-11954.	10.3	4
12	Removal of Cr(VI) from solution using UiO-66-NH <sub>2</sub> prepared in a green way. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1839-1849.	2.7	10
13	Construction of Two-Dimensional Fluorescent Covalent Organic Framework Nanosheets for the Detection and Removal of Nitrophenols. <i>Analytical Chemistry</i> , 2022, 94, 2517-2526.	6.5	43
14	Effect of Sodium Dodecyl Benzenesulfonate on the Formation Kinetics of Methane Hydrate. <i>Energy &amp; Fuels</i> , 2022, 36, 1647-1653.	5.1	1
15	Efficient solid phase microextraction of organic pollutants based on graphene oxide/chitosan aerogel. <i>Analytica Chimica Acta</i> , 2022, 1195, 339462.	5.4	32
16	Water-dispersible nano-pollutions reshape microbial metabolism in type-specific manners: A metabolic and bacteriological investigation in <i>Escherichia coli</i> . <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	3
17	Synergistic Catalytic Organic Pollutants Degradation and Cr(VI) Reduction by Carbon Nanotubes through an Electron-Transfer Mechanism without External Energy or Chemical Input. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1221-1228.	7.6	8
18	Porous carbon nano-sheets as excellent carbocatalysts for organic pollutant removal via persulfate activation: the role of the $\text{sp}^2/\text{sp}^3$ carbon ratio. <i>Environmental Science: Nano</i> , 2022, 9, 1748-1758.	4.3	14

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19	Atomically unveiling the structure-activity relationship of biomacromolecule-metal-organic frameworks symbiotic crystal. <i>Nature Communications</i> , 2022, 13, 951.	12.8	57
20	Bromine Radical ( $\text{Br}^\bullet$ and $\text{Br}_2^\bullet$ ) Reactivity with Dissolved Organic Matter and Brominated Organic Byproduct Formation. <i>Environmental Science &amp; Technology</i> , 2022, 56, 5189-5199.	10.0	33
21	Bimetal Biomimetic Engineering Utilizing Metal-Organic Frameworks for Superoxide Dismutase Mimic. , 2022, 4, 751-757.		39
22	Applications of in vivo SPME based on mass spectrometry for environmental pollutants analysis and non-target metabolomics: A review. , 2022, 1, 100004.		7
23	Co-facial $\pi$ - $\pi$ Interaction Expedites Sensitizer-to-Catalyst Electron Transfer for High-Performance $\text{CO}_2$ Photoreduction. <i>Jacs Au</i> , 2022, 2, 1359-1374.	7.9	24
24	Superficially capped amino metal-organic framework for efficient solid-phase microextraction of perfluorinated alkyl substances. <i>Journal of Chromatography A</i> , 2022, 1669, 462959.	3.7	11
25	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.	12.4	38
26	Nitrogen, oxygen-codoped hierarchically porous biochar for simultaneous enrichment and ultrasensitive determination of o-xylene and its hydroxyl metabolites in human urine by solid phase microextraction-gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2022, 178, 107384.	4.5	3
27	Coordinated Anionic Inorganic Module—An Efficient Approach Towards Highly Efficient Blue-Emitting Copper Halide Ionic Hybrid Structures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	27
28	Coordinated Anionic Inorganic Module—An Efficient Approach Towards Highly Efficient Blue-Emitting Copper Halide Ionic Hybrid Structures. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
29	Multienzyme Biocatalytic Cascade Systems in Porous Organic Frameworks for Biosensing. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
30	Recent advances in sampling and sample preparation for effect-directed environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116654.	11.4	10
31	Rapid sampling and determination of phthalate esters in indoor air using needle trap device. <i>Microchemical Journal</i> , 2022, 179, 107553.	4.5	3
32	Convenient synthesis of a hyper-cross-linked polymer via knitting strategy for high-performance solid phase microextraction of polycyclic aromatic hydrocarbons. <i>Microchemical Journal</i> , 2022, 179, 107535.	4.5	5
33	Application of in vivo solid phase microextraction in exploring dynamic metabolic alterations in living organisms under exogenous stimulation. <i>Advances in Sample Preparation</i> , 2022, 2, 100021.	3.0	2
34	Spontaneous exciton dissociation in organic photocatalyst under ambient conditions for highly efficient synthesis of hydrogen peroxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
35	Facile Synthesis of a Fluorinated Squaramide Covalent Organic Framework for the Highly Efficient and Broad-Spectrum Removal of Per- and Polyfluoroalkyl Pollutants. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
36	From exogenous to endogenous: Advances in in vivo sampling in living systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116692.	11.4	6

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37	Unique On-Site Spinning Sampling of Highly Water-Soluble Organics Using Functionalized Monolithic Sorbents. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8094-8102.	10.0	2
38	Application of the NU-1000 coated SPME fiber on analysis of trace organochlorine pesticides in water. <i>Analytica Chimica Acta</i> , 2022, 1218, 339982.	5.4	11
39	Amino-functionalized metal-organic frameworks for efficient solid-phase microextraction of perfluoroalkyl acids in environmental water. <i>Microchemical Journal</i> , 2022, 179, 107661.	4.5	8
40	High-surface $\beta$ -Ketoenamine linked covalent organic framework driving broad-spectrum solid phase microextraction on multi-polar aromatic esters. <i>Analytica Chimica Acta</i> , 2022, 1220, 340040.	5.4	8
41	Carboxyl-Based CPMP Tag for Ultrasensitive Analysis of Disaccharides by Negative Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 9557-9563.	6.5	5
42	Hollow Covalent Organic Framework with "Shell-Confined" Environment for the Effective Removal of Anionic Per- and Polyfluoroalkyl Substances. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	18
43	In vivo environmental metabolomic profiling via a novel microextraction fiber unravels sublethal effects of environmental norfloxacin in gut bacteria. <i>Science of the Total Environment</i> , 2022, 845, 157335.	8.0	10
44	Impact of different modes of adsorption of natural organic matter on the environmental fate of nanoplastics. <i>Chemosphere</i> , 2021, 263, 127967.	8.2	20
45	Visible-Light Driven Efficient Overall H <sub>2</sub> O <sub>2</sub> Production on Modified Graphitic Carbon Nitride under Ambient Conditions. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119726.	20.2	45
46	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.	12.4	32
47	In vivo tracing of endogenous salicylic acids as the biomarkers for evaluating the toxicity of nano-TiO <sub>2</sub> to plants. <i>Analytica Chimica Acta</i> , 2021, 1145, 79-86.	5.4	2
48	Decorated traditional cellulose with nanoscale chiral metal-organic frameworks for enhanced enantioselective capture. <i>Chemical Communications</i> , 2021, 57, 10343-10346.	4.1	7
49	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.	11.4	47
50	Sample preparation and instrumental methods for illicit drugs in environmental and biological samples: A review. <i>Journal of Chromatography A</i> , 2021, 1640, 461961.	3.7	37
51	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, .	7.1	80
52	Sample bottle coated with sorbent as a novel solid-phase extraction device for rapid on-site detection of BTEX in water. <i>Analytica Chimica Acta</i> , 2021, 1152, 338226.	5.4	12
53	Morphology-maintaining synthesis of copper hydroxy phosphate@metal-organic framework composite for extraction and determination of trace mercury in rice. <i>Food Chemistry</i> , 2021, 343, 128508.	8.2	25
54	Facile fabrication of composited solid phase microextraction thin membranes for sensitive detections of trace hydroxylated polycyclic aromatic hydrocarbons in human urine. <i>Analytica Chimica Acta</i> , 2021, 1158, 338422.	5.4	8

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55	Polymer Ligand-Sensitized Lanthanide Metal-Organic Frameworks for an On-Site Analysis of a Radionuclide. <i>Analytical Chemistry</i> , 2021, 93, 9226-9234.	6.5	16
56	When vector control and organic farming intersect: Pesticide residues on rice plants from aerial mosquito sprays. <i>Science of the Total Environment</i> , 2021, 773, 144708.	8.0	2
57	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.	7.5	31
58	Rate Constants and Mechanisms for Reactions of Bromine Radicals with Trace Organic Contaminants. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10502-10513.	10.0	51
59	Rapid electron transfer via dynamic coordinative interaction boosts quantum efficiency for photocatalytic CO <sub>2</sub> reduction. <i>Nature Communications</i> , 2021, 12, 4276.	12.8	69
60	LC-MS/MS-based non-isotopically paired labeling (NIPL) strategy for the qualification and quantification of monosaccharides. <i>Talanta</i> , 2021, 231, 122336.	5.5	11
61	Protein-directed, hydrogen-bonded biohybrid framework. <i>CheM</i> , 2021, 7, 2722-2742.	11.7	83
62	Targeting Enrichment and Correlation Studies of Glutathione and Homocysteine in IgAVN Patient Urine Based on a Core-Shell Zr-Based Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40070-40078.	8.0	9
63	Sheathed in-situ room-temperature growth covalent organic framework solid-phase microextraction fiber for detecting ultratrace polybrominated diphenyl ethers from environmental samples. <i>Analytica Chimica Acta</i> , 2021, 1176, 338772.	5.4	27
64	In Vivo Contaminant Monitoring and Metabolomic Profiling in Plants Exposed to Carbamates via a Novel Microextraction Fiber. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12449-12458.	10.0	22
65	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.	13.8	71
66	Recent advances in sample preparation techniques for quantitative detection of pharmaceuticals in biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116318.	11.4	33
67	A Biocatalytic Cascade in an Ultrastable Mesoporous Hydrogen-Bonded Organic Framework for Point-of-Care Biosensing. <i>Angewandte Chemie</i> , 2021, 133, 23800-23805.	2.0	15
68	Ratiometric fluorescent probe for the on-site monitoring of coexisted Hg <sup>2+</sup> and F <sup>-</sup> in sequence. <i>Analytica Chimica Acta</i> , 2021, 1183, 338967.	5.4	8
69	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.	11.4	34
70	Stress symptoms and plant hormone-modulated defense response induced by the uptake of carbamazepine and ibuprofen in Malabar spinach ( <i>Basella alba</i> L.). <i>Science of the Total Environment</i> , 2021, 793, 148628.	8.0	11
71	Unprecedented Nonphotomediated Hole ( $h^+$ ) Oxidation System Constructed from Defective Carbon Nanotubes and Superoxides. <i>ACS Central Science</i> , 2021, 7, 355-364.	11.3	20
72	Hydrogen-Bonded Biohybrid Framework-Derived Highly Specific Nanozymes for Biomarker Sensing. <i>Analytical Chemistry</i> , 2021, 93, 13981-13989.	6.5	31

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73	Redox-Active Moieties in Dissolved Organic Matter Accelerate the Degradation of Nitroimidazoles in SO <sub>4</sub> <sup>2-</sup> -Based Oxidation. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14844-14853.	10.0	35
74	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, .	7.1	37
75	Noncovalently Tagged Gas Phase Complex Ions for Screening Unknown Contaminant Metabolites in Plants. <i>Analytical Chemistry</i> , 2021, 93, 14929-14933.	6.5	1
76	Silencing of Pyruvate Kinase M2 <i>in vivo</i> via a Metal-Organic Framework Based Theranostic Gene Nanomedicine for Triple-Negative Breast Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 56972-56987.	8.0	13
77	Effects of mesoporous silica particle size and pore structure on the performance of polymer-mesoporous silica mixed matrix membranes. <i>RSC Advances</i> , 2021, 11, 36577-36586.	3.6	9
78	CH <sub>4</sub> interaction boosts photocatalytic CO <sub>2</sub> reduction activity of a molecular cobalt catalyst anchored on carbon nitride. <i>Cell Reports Physical Science</i> , 2021, 2, 100681.	5.6	8
79	Polydopamine modified ordered mesoporous carbon for synergistic enhancement of enrichment efficiency and mass transfer towards phenols. <i>Analytica Chimica Acta</i> , 2020, 1095, 109-117.	5.4	18
80	Hollow carbon nanobubbles-coated solid-phase microextraction fibers for the sensitive detection of organic pollutants. <i>Analytica Chimica Acta</i> , 2020, 1097, 85-93.	5.4	28
81	Enrichment and determination of sixteen trace polycyclic aromatic hydrocarbons in barbecue smoke by using a continuous magnetic solid-phase extraction and gas chromatography-mass spectrometry. <i>Separation Science Plus</i> , 2020, 3, 28-36.	0.6	4
82	Polydopamine decorated ordered mesoporous carbon for efficient removal of bilirubin under albumin-rich conditions. <i>Journal of Materials Chemistry B</i> , 2020, 8, 290-297.	5.8	26
83	Modulating the Biofunctionality of Metal-Organic Framework-Encapsulated Enzymes through Controllable Embedding Patterns. <i>Angewandte Chemie</i> , 2020, 132, 2889-2896.	2.0	25
84	„Panzerung“ von Enzymen mit Metall-organischen Gerüsten. <i>Angewandte Chemie</i> , 2020, 132, 8868-8881.	2.0	27
85	Modulating the Biofunctionality of Metal-Organic Framework-Encapsulated Enzymes through Controllable Embedding Patterns. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2867-2874.	13.8	190
86	„Armor-Plating“ Enzymes with Metal-Organic Frameworks (MOFs). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8786-8798.	13.8	244
87	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.	5.4	31
88	The effect of different binders on the comprehensive performance of solid phase microextraction fiber. <i>Analytica Chimica Acta</i> , 2020, 1140, 50-59.	5.4	16
89	Iron-Mineralization-Induced Mesoporous Metal-Organic Frameworks Enable High-Efficiency Synergistic Catalysis of Natural/Nanomimic Enzymes. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57343-57351.	8.0	33
90	Graphene Oxide-Supported Lanthanide Metal-Organic Frameworks with Boosted Stabilities and Detection Sensitivities. <i>Analytical Chemistry</i> , 2020, 92, 15550-15557.	6.5	38

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91	Embedding Functional Biomacromolecules within Peptide-Directed Metal-Organic Framework (MOF) Nanoarchitectures Enables Activity Enhancement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13947-13954.	13.8	86
92	Flower-like architecture magnesia-carbon composite material for highly sensitive solid-phase microextraction. <i>Talanta</i> , 2020, 217, 121088.	5.5	5
93	Embedding Functional Biomacromolecules within Peptide-Directed Metal-Organic Framework (MOF) Nanoarchitectures Enables Activity Enhancement. <i>Angewandte Chemie</i> , 2020, 132, 14051-14058.	2.0	19
94	A heterogeneous pore decoration strategy on a hydrophobic microporous polymer for high-coverage capture of metabolites. <i>Chemical Communications</i> , 2020, 56, 7167-7170.	4.1	19
95	Carbon dots based solid phase microextraction of 2-nitroaniline followed by fluorescence sensing for selective early screening and sensitive gas chromatography-mass spectrometry determination. <i>Analytica Chimica Acta</i> , 2020, 1111, 147-154.	5.4	23
96	In vivo monitoring and exposure potency assessment of phase I metabolism of fenthion in vegetables. <i>Journal of Hazardous Materials</i> , 2020, 399, 123013.	12.4	8
97	Smartphone-assisted robust enzymes@MOFs-based paper biosensor for point-of-care detection. <i>Biosensors and Bioelectronics</i> , 2020, 156, 112095.	10.1	92
98	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.	12.4	38
99	Trends in sensitive detection and rapid removal of sulfonamides: A review. <i>Journal of Separation Science</i> , 2020, 43, 1634-1652.	2.5	29
100	Determination of the mass transfer coefficients in direct immersion solid-phase microextraction. <i>Journal of Separation Science</i> , 2020, 43, 1847-1853.	2.5	7
101	Facile construction of superhydrophobic hybrids of metal-organic framework grown on nanosheet for high-performance extraction of benzene homologues. <i>Talanta</i> , 2020, 211, 120706.	5.5	13
102	Dual-fiber solid-phase microextraction coupled with gas chromatography-mass spectrometry for the analysis of volatile compounds in traditional Chinese dry-cured ham. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1140, 121994.	2.3	7
103	Valence-dependent catalytic activities of iron terpyridine complexes for pollutant degradation. <i>Chemical Communications</i> , 2020, 56, 5476-5479.	4.1	4
104	Sheathed in situ heteroepitaxial growth metal-organic framework probe for detection of polycyclic aromatic hydrocarbons in river water and living fish. <i>Science of the Total Environment</i> , 2020, 729, 138971.	8.0	20
105	Metal-Organic Frameworks: A New Platform for Enzyme Immobilization. <i>ChemBioChem</i> , 2020, 21, 2585-2590.	2.6	54
106	A polymeric solid-phase microextraction fiber for the detection of pharmaceuticals in water samples. <i>Journal of Chromatography A</i> , 2020, 1623, 461171.	3.7	15
107	Headspace solid-phase microextraction of semi-volatile ultraviolet filters based on a superhydrophobic metal-organic framework stable in high-temperature steam. <i>Talanta</i> , 2020, 219, 121175.	5.5	24
108	Physical assistive technologies of solid-phase microextraction: Recent trends and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115916.	11.4	26

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109	A Novel Water-Swelling Sampling Probe for in Vivo Detection of Neonicotinoids in Plants. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9686-9694.	10.0	27
110	Sorption properties of hydrophobic organic chemicals to micro-sized polystyrene particles. <i>Science of the Total Environment</i> , 2019, 690, 565-572.	8.0	47
111	Energy-efficient construction of thermally stable superhydrophobic nanoscale stacked lamellae based solid-phase microextraction coating for the determination of non-polar compounds. <i>Analytica Chimica Acta</i> , 2019, 1092, 17-23.	5.4	6
112	A label-free IFN- $\gamma$ aptasensor based on target-triggered allosteric switching of aptamer beacon and streptavidin-inorganic hybrid composites. <i>Analytica Chimica Acta</i> , 2019, 1087, 29-35.	5.4	18
113	Uptake of pharmaceuticals acts as an abiotic stress and triggers variation of jasmonates in Malabar spinach ( <i>Basella alba</i> . L). <i>Chemosphere</i> , 2019, 236, 124711.	8.2	7
114	High pseudocapacitance boosts the performance of monolithic porous carbon cloth/closely packed TiO <sub>2</sub> nanodots as an anode of an all-flexible sodium-ion battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2626-2635.	10.3	52
115	Investigating the toxicities of different functionalized polystyrene nanoplastics on <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 509-516.	6.0	101
116	Solid-phase microextraction: An appealing alternative for the determination of endogenous substances - A review. <i>Analytica Chimica Acta</i> , 2019, 1077, 67-86.	5.4	83
117	Boosting loading capacities of shapeable metal-organic framework coatings by closing the interparticle spaces of stacked nanocrystals. <i>Chemical Communications</i> , 2019, 55, 7223-7226.	4.1	11
118	Carbon and Tin-Based Polyacrylonitrile Hybrid Architecture Solid Phase Microextraction Fiber for the Detection and Quantification of Antibiotic Compounds in Aqueous Environmental Systems. <i>Molecules</i> , 2019, 24, 1670.	3.8	9
119	Meso-/microporous carbon as an adsorbent for enhanced performance in solid-phase microextraction of chlorobenzenes. <i>Science of the Total Environment</i> , 2019, 681, 392-399.	8.0	21
120	Simple fabrication of zirconium and nitrogen co-doped ordered mesoporous carbon for enhanced adsorption performance towards polar pollutants. <i>Analytica Chimica Acta</i> , 2019, 1070, 43-50.	5.4	15
121	Peanut shell-derived biochar materials for effective solid-phase microextraction of polycyclic aromatic hydrocarbons in environmental waters. <i>Talanta</i> , 2019, 202, 90-95.	5.5	35
122	Hybrid implanted hybrid hollow nanocube electrocatalyst facilitates efficient hydrogen evolution activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11150-11159.	10.3	48
123	In Vivo Sampling: A Promising Technique for Detecting and Profiling Endogenous Substances in Living Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2120-2126.	5.2	18
124	Recent development in sample preparation techniques for plant hormone analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 224-233.	11.4	39
125	Determination and elimination of hazardous pollutants by exploitation of a Prussian blue nanoparticles-graphene oxide composite. <i>Analytica Chimica Acta</i> , 2019, 1054, 17-25.	5.4	14
126	Development of an on-site detection approach for rapid and highly sensitive determination of persistent organic pollutants in real aquatic environment. <i>Analytica Chimica Acta</i> , 2019, 1050, 88-94.	5.4	21

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127	Enhancing enrichment ability of a nanoporous carbon based solid-phase microextraction device by a morphological modulation strategy. <i>Analytica Chimica Acta</i> , 2019, 1047, 1-8.	5.4	25
128	A robust and homogeneous porous poly(3,4-ethylenedioxythiophene)/graphene thin film for high-efficiency laser desorption/ionization analysis of estrogens in biological samples. <i>Talanta</i> , 2019, 195, 290-297.	5.5	12
129	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.	7.5	185
130	Development of a novel solid phase microextraction calibration method for semi-solid tissue sampling. <i>Science of the Total Environment</i> , 2019, 655, 174-180.	8.0	6
131	Interface charges redistribution enhanced monolithic etched copper foam-based Cu <sub>2</sub> O layer/TiO <sub>2</sub> nanodots heterojunction with high hydrogen evolution electrocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 365-372.	20.2	56
132	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.	12.4	84
133	A Convenient and Versatile Amino Acid-Boosted Biomimetic Strategy for the Nondestructive Encapsulation of Biomacromolecules within Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1463-1467.	13.8	231
134	Solid-phase microextraction of antibiotics from fish muscle by using MIL-101(Cr)NH <sub>2</sub> -polyacrylonitrile fiber and their identification by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1047, 62-70.	5.4	62
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