Fuyou Du

List of Publications by Year in descending order

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45 papers	1,411 citations	279798 23 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	1749 citing authors

#	Article	IF	Citations
1	A highly sensitive and selective â€œon-off-onâ€•fluorescent sensor based on nitrogen doped graphene quantum dots for the detection of Hg2+ and paraquat. Sensors and Actuators B: Chemical, 2019, 288, 96-103.	7.8	103
2	Analytical methods for tracing plant hormones. Analytical and Bioanalytical Chemistry, 2012, 403, 55-74.	3.7	90
3	Fabrication of BiOBr/MoS2/graphene oxide composites for efficient adsorption and photocatalytic removal of tetracycline antibiotics. Applied Surface Science, 2021, 550, 149342.	6.1	89
4	Recent advances in aptamer-functionalized materials in sample preparation. TrAC - Trends in Analytical Chemistry, 2015, 67, 134-146.	11.4	81
5	Aptamer-functionalized solid phase microextractionâ€“liquid chromatography/tandem mass spectrometry for selective enrichment and determination of thrombin. Analytica Chimica Acta, 2014, 845, 45-52.	5.4	72
6	Supramolecularly imprinted polymeric solid phase microextraction coatings for synergetic recognition nitrophenols and bisphenol A. Journal of Hazardous Materials, 2019, 368, 358-364.	12.4	70
7	Electrospun reduced graphene oxide/TiO2/poly(acrylonitrile-co-maleic acid) composite nanofibers for efficient adsorption and photocatalytic removal of malachite green and leucomalachite green. Chemosphere, 2020, 239, 124764.	8.2	66
8	Magnetic metalâ€“organic framework MILâ€100(Fe) microspheres for the magnetic solidâ€phase extraction of trace polycyclic aromatic hydrocarbons from water samples. Journal of Separation Science, 2016, 39, 2356-2364.	2.5	48
9	Monolithic molecularly imprinted solid-phase extraction for the selective determination of trace cytokinins in plant samples with liquid chromatographyâ€“electrospray tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 489-501.	3.7	47
10	Current application of chemometrics in traditional Chinese herbal medicine research. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1026, 27-35.	2.3	47
11	Magnetic stir cake sorptive extraction of trace tetracycline antibiotics in food samples: preparation of metalâ€“organic framework-embedded polyHIPE monolithic composites, validation and application. Analytical and Bioanalytical Chemistry, 2019, 411, 2239-2248.	3.7	46
12	Reduced Graphene Oxide-Hybridized Polymeric High-Internal Phase Emulsions for Highly Efficient Removal of Polycyclic Aromatic Hydrocarbons from Water Matrix. Langmuir, 2018, 34, 3661-3668.	3.5	43
13	Electrospun graphene oxide/MIL-101(Fe)/poly(acrylonitrile-co-maleic acid) nanofiber: A high-efficient and reusable integrated photocatalytic adsorbents for removal of dye pollutant from water samples. Journal of Colloid and Interface Science, 2021, 597, 196-205.	9.4	42
14	Development of high internal phase emulsion polymeric monoliths for highly efficient enrichment of trace polycyclic aromatic hydrocarbons from large-volume water samples. Journal of Chromatography A, 2015, 1405, 23-31.	3.7	41
15	Development and validation of polymerized high internal phase emulsion monoliths coupled with HPLC and fluorescence detection for the determination of trace tetracycline antibiotics in environmental water samples. Journal of Separation Science, 2015, 38, 3774-3780.	2.5	38
16	Development of sulfur doped carbon quantum dots for highly selective and sensitive fluorescent detection of Fe2+ and Fe3+ ions in oral ferrous gluconate samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117602.	3.9	38
17	Construction and application of BiOCl/Cu-doped Bi2S3 composites for highly efficient photocatalytic degradation of ciprofloxacin. Chemosphere, 2022, 287, 132391.	8.2	38
18	Green Synthesis of Fluorescent Carbon Dots from Cherry Tomatoes for Highly Effective Detection of Trifluralin Herbicide in Soil Samples. ChemistrySelect, 2020, 5, 1956-1960.	1.5	36

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19	High-internal-phase-emulsion polymeric monolith coupled with liquid chromatographyâ€“electrospray tandem mass spectrometry for enrichment and sensitive detection of trace cytokinins in plant samples. Analytical and Bioanalytical Chemistry, 2015, 407, 6071-6079.	3.7	34
20	Recent advances in separation applications of polymerized high internal phase emulsions. Journal of Separation Science, 2021, 44, 169-187.	2.5	34
21	Electrospun Graphene Oxideâ€“Doped Nanofiber-Based Solid Phase Extraction Followed by High-Performance Liquid Chromatography for the Determination of Tetracycline Antibiotic Residues in Food Samples. Food Analytical Methods, 2019, 12, 1594-1603.	2.6	33
22	Novel porous carbon composites derived from a graphene-modified high-internal- phase emulsion for highly efficient separation and enrichment of triazine herbicides. Analytica Chimica Acta, 2019, 1071, 17-24.	5.4	25
23	Red-emissive nitrogen doped carbon quantum dots for highly selective and sensitive fluorescence detection of the alachlor herbicide in soil samples. New Journal of Chemistry, 2019, 43, 18695-18701.	2.8	24
24	Recent advances of ambient ionization mass spectrometry imaging in clinical research. Journal of Separation Science, 2020, 43, 3146-3163.	2.5	20
25	Assembly and application advancement of organicâ€functionalized grapheneâ€based materials: A review. Journal of Separation Science, 2020, 43, 1544-1557.	2.5	20
26	Development of continuous microwave-assisted protein digestion with immobilized enzyme. Biochemical and Biophysical Research Communications, 2014, 445, 491-496.	2.1	19
27	Silicon doped graphene quantum dots combined with ruthenium(<scp>iii</scp>) ions as a fluorescent probe for turn-on detection of triclosan. New Journal of Chemistry, 2019, 43, 12907-12915.	2.8	18
28	Graphene oxide composites for magnetic solidâ€phase extraction of trace cytokinins in plant samples followed by liquid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2018, 41, 2386-2392.	2.5	16
29	Development of Graphene Oxide Functionalized Cotton Fiber Based Solid Phase Extraction Combined with Liquid Chromatography-Fluorescence Detection for Determination of Trace Auxins in Plant Samples. Chromatographia, 2018, 81, 861-869.	1.3	15
30	Application of mercapto-silica polymerized high internal phase emulsions for the solid-phase extraction and preconcentration of trace lead(II). Journal of Separation Science, 2015, 38, 4262-4268.	2.5	14
31	Multicomposition analysis and pattern recognition of Chinese geographical indication product: vinegar. European Food Research and Technology, 2014, 238, 337-344.	3.3	12
32	High Internal Phase Emulsion Polymeric Monolith Extraction Coupling with High-Performance Liquid Chromatography for the Determination of Para Red and Sudan Dyes in Chilli Samples. Food Analytical Methods, 2017, 10, 2018-2026.	2.6	12
33	A porous carbon absorbent based on high internal phase emulsion for separation and enrichment of trifluralin from soil. Mikrochimica Acta, 2020, 187, 138.	5.0	12
34	An easily regenerable enzyme reactor prepared from polymerized high internal phase emulsions. Biochemical and Biophysical Research Communications, 2016, 473, 54-60.	2.1	11
35	Spatial Distribution of Endogenous Molecules in Coffee Beans by Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. Journal of the American Society for Mass Spectrometry, 2020, 31, 2503-2510.	2.8	11
36	Nitrogenâ€Doped Carbon Quantum Dots as a â€œTurnâ€Offâ€•Fluorescent Probes for Highly Selective and Sensitive Detection of Mercury(II) Ions. ChemistrySelect, 2019, 4, 2122-2128.	1.5	10

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37	Fabrication and application of a MIL-68(In)â€“NH₂ incorporated high internal phase emulsion polymeric monolith as a solid phase extraction adsorbent in triazine herbicide residue analysis. RSC Advances, 2021, 11, 20439-20445.	3.6	8
38	Facile fabrication of electrospun g-C₃N₄/Bi₁₂O₁₇Cl₂/poly(acrylonitrile-co-maleic) Tj ETQq0 0 0 Journal of Chemistry, 2022, 46, 3727-3737.	2.8	8
39	Novel regenerative large-volume immobilized enzyme reactor: Preparation, characterization and application. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 967, 13-20.	2.3	7
40	Sustainable and reusable electrospun g-C₃N₅/MIL-101(Fe)/poly(acrylonitrile-co-maleic acid) nanofibers for photocatalytic degradation of emerging pharmaceutical pollutants. New Journal of Chemistry, 2022, 46, 11840-11850.	2.8	5
41	Aptamer functionalized and reduced graphene oxide hybridized porous polymers SPE coupled with LCâ€“MS for adsorption and detection of human Î±-thrombin. Analytical and Bioanalytical Chemistry, 2022, 414, 1553-1561.	3.7	3
42	Polyvinylpyrrolidone/Single-Walled Carbon Nanotubes Incorporated Polyhipe Monoliths Followed by HPLC for Determination of Tetracycline Antibiotics in Water Samples. Journal of Water Chemistry and Technology, 2021, 43, 483-490.	0.6	2
43	Preparation of porous polymers based on high internal phase emulsion for enrichment of estrogens in urine. Journal of Separation Science, 2021, 44, 1140-1147.	2.5	1
44	Cerium-based nanoparticles triggered catalytic reaction for the colorimetric and ratiometric fluorimetric dual-signal sensing of vitamin C. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 278, 121324.	3.9	1
45	Rapid Determining Contents of the Rhubarb Anthraquinones Compounds by Support Vector Machine Modeling based on Near Infrared Spectra. Current Analytical Chemistry, 2021, 17, 396-407.	1.2	0