Chengjun Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6921336/publications.pdf

Version: 2024-02-01

68 papers	1,309 citations	361296 20 h-index	395590 33 g-index
70 all docs	70 docs citations	70 times ranked	1806 citing authors

#	Article	IF	Citations
1	Fiber optic surface plasmon resonance sensor for detection of E. coli O157:H7 based on antimicrobial peptides and AgNPs-rGO. Biosensors and Bioelectronics, 2018, 117, 347-353.	5.3	124
2	Recent advances in analysis of phthalate esters in foods. TrAC - Trends in Analytical Chemistry, 2015, 72, 10-26.	5.8	115
3	Microbial volatile organic compounds and their application in microorganism identification in foodstuff. TrAC - Trends in Analytical Chemistry, 2016, 78, 1-16.	5.8	78
4	Development of a sensitive and groupâ€specific polyclonal antibodyâ€based enzymeâ€linked immunosorbent assay (ELISA) for detection of malachite green and leucomalachite green in water and fish samples. Journal of the Science of Food and Agriculture, 2009, 89, 2165-2173.	1.7	55
5	Recent advances in biosensors for antibiotic detection: Selectivity and signal amplification with nanomaterials. Food Chemistry, 2021, 361, 130109.	4.2	54
6	Signal amplification strategies for DNA-based surface plasmon resonance biosensors. Biosensors and Bioelectronics, 2018, 117, 678-689.	5.3	50
7	Simultaneous determination of seven preservatives in cosmetics by dispersive liquidâ€“liquid microextraction coupled with high performance capillary electrophoresis. Analytical Methods, 2013, 5, 2391.	1.3	34
8	Migration of phthalates from plastic packages to convenience foods and its cumulative health risk assessments. Food Additives and Contaminants: Part B Surveillance, 2019, 12, 151-158.	1.3	33
9	Simultaneous Determination of Nine Banned Azo Dyes in Foodstuffs and Beverages by High-Performance Capillary Electrophoresis. Food Analytical Methods, 2015, 8, 1903-1910.	1.3	32
10	Simultaneous Determination of 11 Aminoglycoside Residues in Honey, Milk, and Pork by Liquid Chromatography with Tandem Mass Spectrometry and Molecularly Imprinted Polymer Solid Phase Extraction. Journal of AOAC INTERNATIONAL, 2017, 100, 1869-1878.	0.7	31
11	Rapid identification of Staphylococcus aureus, Vibrio parahaemolyticus and Shigella sonnei in foods by solid phase microextraction coupled with gas chromatographyâ€“mass spectrometry. Food Chemistry, 2018, 262, 7-13.	4.2	31
12	Simultaneous Determination of Ten Ginsenosides in American Ginseng Functional Foods and Ginseng Raw Plant Materials by Liquid Chromatography Tandem Mass Spectrometry. Food Analytical Methods, 2013, 6, 112-122.	1.3	30
13	Detection of promoter methylation status of suppressor of cytokine signaling 3 (SOCS3) in tissue and plasma from Chinese patients with different hepatic diseases. Clinical and Experimental Medicine, 2018, 18, 79-87.	1.9	27
14	A novel FRET biosensor based on four-way branch migration HCR for Vibrio parahaemolyticus detection. Sensors and Actuators B: Chemical, 2019, 296, 126577.	4.0	27
15	Enhanced Peroxidase-Like Activity of MoS2 Quantum Dots Functionalized g-C3N4 Nanosheets towards Colorimetric Detection of H2O2. Nanomaterials, 2018, 8, 976.	1.9	26
16	Carboxyl Fe3O4 magnetic nanoparticle-based SPE and HPLC method for the determination of six tetracyclines in water. Analytical and Bioanalytical Chemistry, 2019, 411, 507-515.	1.9	25
17	Fluorescent aptasensor for detection of four tetracycline veterinary drugs in milk based on catalytic hairpin assembly reaction and displacement of G-quadruplex. Analytical and Bioanalytical Chemistry, 2018, 410, 2981-2989.	1.9	24
18	MXene/reduced graphene oxide hydrogel film extraction combined with gas chromatographyâ€“tandem mass spectrometry for the determination of 16 polycyclic aromatic hydrocarbons in river and tap water. Journal of Chromatography A, 2019, 1584, 24-32.	1.8	24

#	Article	IF	Citations
19	Analysis of Tocopherols and Tocotrienols in Pharmaceuticals and Foods: A Critical Review. Current Pharmaceutical Analysis, 2014, 11, 66-78.	0.3	21
20	Occurrence, toxicity, and speciation analysis of arsenic in edible mushrooms. Food Chemistry, 2019, 281, 269-284.	4.2	21
21	Occurrence and Seasonal Variation of Microplastics in the Effluent from Wastewater Treatment Plants in Qingdao, China. Journal of Marine Science and Engineering, 2022, 10, 58.	1.2	21
22	A fast and easy GC-MS/MS method for simultaneous analysis of 73 pesticide residues in vegetables and fruits. Analytical Methods, 2013, 5, 1721.	1.3	20
23	Multi-residue analytical methods for pesticides in teas: a review. European Food Research and Technology, 2021, 247, 1839-1858.	1.6	20
24	A Meta-Analysis of the Characterisations of Plastic Ingested by Fish Globally. Toxics, 2022, 10, 186.	1.6	19
25	Sample preparation and analytical methods for polycyclic aromatic hydrocarbons in sediment. Trends in Environmental Analytical Chemistry, 2019, 24, e00074.	5.3	18
26	Speciation analysis of arsenic in edible mushrooms by high-performance liquid chromatography hyphenated to inductively coupled plasma mass spectrometry. Food Chemistry, 2020, 327, 127033.	4.2	18
27	Determination of Pyrethroids in Tea Brew by GC-MS Combined with SPME with Multiwalled Carbon Nanotube Coated Fiber. International Journal of Analytical Chemistry, 2018, 2018, 1-9.	0.4	17
28	Determination of trace metals and analysis of arsenic species in tropical marine fishes from Spratly islands. Marine Pollution Bulletin, 2017, 122, 464-469.	2.3	16
29	Determination of seven tetracyclines in milk by dissolvable layered double hydroxide-based solid-phase extraction coupled with high-performance liquid chromatography. Analytical Methods, 2021, 13, 1618-1624.	1.3	16
30	Simultaneous determination of eight vitamin E isomers and Î±-tocopherol acetate in functional foods and nutritional supplements by gas chromatography â€“ mass spectrometry. Analytical Methods, 2015, 7, 3353-3362.	1.3	15
31	Simultaneous determination of eleven preservatives in foods using ultrasound-assisted emulsification micro-extraction coupled with gas chromatography-mass spectrometry. Analytical Methods, 2012, 4, 3436.	1.3	14
32	Gas chromatography-triple quadrupole tandem mass spectrometry for successive single-surface migration study of phthalate esters from polythene film. Food Control, 2017, 73, 1134-1143.	2.8	13
33	Determination of 11 Phthalate Esters in Beverages by Magnetic Solid-Phase Extraction Combined with High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2019, 102, 1624-1631.	0.7	13
34	Simultaneous Determination of Six Parabens in Foods by Matrix Liquid-Phase Dispersion Extraction Combined with High-Performance Liquid Chromatography. Food Analytical Methods, 2014, 7, 1693-1702.	1.3	12
35	Simultaneous Determination of 10 Adulterants in Antihypertensive Functional Foods Using Multi-Walled Carbon Nanotubes-Dispersive Solid-Phase Extraction Coupled with High Performance Liquid Chromatography. Journal of Chromatographic Science, 2015, 53, 1611-1621.	0.7	12
36	Multiwalled carbon nanotube-dispersive solid-phase extraction followed by high performance capillary electrophoresis for simultaneous determination of six adulterants in antihypertensive functional foods. Analytical Methods, 2015, 7, 543-550.	1.3	12

#	Article	IF	Citations
37	Simultaneous Determination of Seven Plant Growth Regulators in Melons and Fruits by Modified QuEChERS Coupled with Capillary Electrophoresis. Food Analytical Methods, 2018, 11, 2788-2798.	1.3	10
38	Inedible Azo Dyes and Their Analytical Methods in Foodstuffs and Beverages. Journal of AOAC INTERNATIONAL, 2018, 101, 1314-1327.	0.7	10
39	Speciation analysis of mercury in wild edible mushrooms by high-performance liquid chromatography hyphenated to inductively coupled plasma mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 2829-2840.	1.9	10
40	Plasma colorimetric aptasensor for the detection of chloramphenicol in honey based on cage Au@AuNPs and cascade hybridization chain reaction. Food Chemistry, 2022, 377, 132031.	4.2	10
41	Simultaneous Determination of Seven Adulterants in Slimming Functional Foods by HPLCâ€“ESIâ€“MS/MS. Food Analytical Methods, 2011, 4, 505-516.	1.3	9
42	Simultaneous determination of four aliphatic amines in aquatic products by ultrasound-assisted dispersive liquidâ€“liquid microextraction coupled with high performance capillary electrophoresis. Analytical Methods, 2014, 6, 5140-5146.	1.3	9
43	Dispersive Liquidâ€”Liquid Microextraction Based on Solidification of Floating Organic Drop Combined with High Performance Liquid Chromatography for Analysis of 15 Phthalates in Water. Journal of AOAC INTERNATIONAL, 2019, 102, 942-951.	0.7	9
44	Multiwalled Carbon Nanotubes-Dispersive Solid-Phase Extraction Coupled with UPLCâ€“ESI-MS-MS for Simultaneous Determination of 10 Illegal Adulterants in Antihypertensive Functional Foods. Journal of Chromatographic Science, 2016, 54, 847-857.	0.7	8
45	A convenient ultrasoundâ€assisted saponification for the simultaneous determination of vitamin E isomers in vegetable oil by HPLC with fluorescence detection. Journal of Separation Science, 2018, 41, 1829-1838.	1.3	8
46	MWCNTs-solid phase extraction combined with ultra-high performance liquid chromatography-tandem mass spectrometry for the determination of eleven organophosphorus pesticides in river water. International Journal of Environmental Analytical Chemistry, 2018, 98, 743-757.	1.8	8
47	Determination of tocopherols and tocotrienols in cereals and nuts by dispersive solid-phase microextraction-gas chromatography-mass spectrometry. Analytical Methods, 2019, 11, 5439-5446.	1.3	8
48	Investigating isomers/enantiomers of perfluorooctanoic acid in river water by gas chromatographyâ€“mass spectrometry with chiral derivatization. Chemosphere, 2020, 238, 124617.	4.2	8
49	Knockdown of CTCF reduces the binding of EZH2 and affects the methylation of the SOCS3 promoter in hepatocellular carcinoma. International Journal of Biochemistry and Cell Biology, 2020, 120, 105685.	1.2	8
50	Application of ionic liquid-based air-assisted dispersive liquidâ€“liquid microextraction combined with high-performance liquid chromatography for the determination of six tetracyclines in honey. European Food Research and Technology, 2021, 247, 2777-2785.	1.6	7
51	Analysis of natural and synthetic folates in pharmaceuticals and foods: a review. Analytical Methods, 2018, 10, 9-21.	1.3	6
52	Determination of 11 Phthalate Esters in Beverages by Magnetic Solid-Phase Extraction Combined with High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2019, 102, 1624-1631.	0.7	6
53	Sample Treatment Methods for the Determination of Phenolic Environmental Estrogens in Foods and Drinking Water. Journal of AOAC INTERNATIONAL, 2020, 103, 348-364.	0.7	6
54	Identification of Vibrio cholerae serotypes in high-risk marine products with non-gel sieving capillary electrophoresis. Analytical Biochemistry, 2016, 494, 68-75.	1.1	5

#	Article	IF	Citations
55	A Novel Ionic Liquid-Based Liquid-Liquid Microextraction Combined with High Performance Liquid Chromatography for Simultaneous Determination of Eight Vitamin E Isomers in Human Serum. Journal of AOAC INTERNATIONAL, 2020, 103, 989-996.	0.7	5
56	Levels of urinary metabolites of benzene compounds, trichloroethylene, and polycyclic aromatic hydrocarbons and their correlations with socioeconomic, demographic, dietary factors among pregnant women in six cities of China. Environmental Science and Pollution Research, 2022, 29, 6278-6293.	2.7	5
57	Photoaging Characteristics of Disposable Masks under UV Irradiation. Journal of Marine Science and Engineering, 2022, 10, 170.	1.2	5
58	Simultaneous HPLCâ€“DAD Determination of Retinol and Eight Vitamin E Isomers in Human Serum. Chromatographia, 2015, 78, 1359-1366.	0.7	4
59	Validation of a rapid and simple high-performance liquid chromatography-electrospray ionization-mass spectrometry method for simultaneous analysis of 15 key chemicals in slimming foods and herbal products. Journal of Chromatographic Science, 2018, 56, 912-919.	0.7	4
60	Capillary Electrophoresis with Laser Induced Fluorescence Detection for Study of the Association of HSP60 Gene Polymorphism with Gouty Arthritis. Journal of AOAC INTERNATIONAL, 2019, 102, 810-814.	0.7	4
61	Determination of Six Tetracyclines in Eggs and Chicken by Dispersive Liquid-Liquid Microextraction Combined with High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2021, 104, 1549-1558.	0.7	4
62	Analysis of Fragrance Allergens in Personal Care Products, Toys, and Water Samples: A Review. Journal of AOAC INTERNATIONAL, 2022, 105, 396-412.	0.7	4
63	Solid-Phase Extraction Combined with Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry for the Determination of 5 Trace Nitro-Polycyclic Aromatic Hydrocarbons in Barbecued Foods. Journal of AOAC INTERNATIONAL, 2020, 103, 1512-1520.	0.7	3
64	QuEChERS with Ultrasound-Assisted Extraction Combined with High-Performance Liquid Chromatography for the Determination of 16 Polycyclic Aromatic Hydrocarbons in Sediment. Journal of AOAC INTERNATIONAL, 2021, 104, 1255-1263.	0.7	3
65	Determination ofYersinia enterocoliticain Food by Capillary Electrophoresis with Laser Induced Fluorescence Detection. Analytical Letters, 2015, 48, 1988-2001.	1.0	1
66	Determination of DNA Methylation and Hydroxymethylation Levels in Biological Samples by Field-Amplified Sample Injection-Capillary Zone Electrophoresis with UV Detection. Chromatographia, 2016, 79, 1649-1658.	0.7	1
67	Analytical Methods for Phthalates in Water Samples. Environmental Chemistry for A Sustainable World, 2021, , 539-575.	0.3	1
68	A Rapid and Sensitive HPLC-FLD Method for the Determination of Retinol and Vitamin E Isomers in Human Serum. Current Pharmaceutical Analysis, 2019, 15, 745-752.	0.3	1