Lanling Chu

List of Publications by Year
in descending order

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40 papers	881 citations	471509 17 h-index	477307 29 g-index
40 all docs	40 docs citations	40 times ranked	937 citing authors

#	Article	IF	Citations
1	The investigation of electrospun polymer nanofibers as a solid-phase extraction sorbent for the determination of trazodone in human plasma. Analytica Chimica Acta, 2007, 587, 75-81.	5.4	128
2	Electrospun polymer nanofibers as a solid-phase extraction sorbent for the determination of trace pollutants in environmental water. Analytical and Bioanalytical Chemistry, 2008, 390, 929-938.	3.7	106
3	Fiber-packed SPE tips based on electrospun fibers. Analytical and Bioanalytical Chemistry, 2008, 391, 2189-2197.	3.7	53
4	A nanofiber functionalized with dithizone by co-electrospinning for lead (II) adsorption from aqueous media. Journal of Hazardous Materials, 2011, 196, 187-193.	12.4	53
5	Baicalin improves intestinal microecology and abnormal metabolism induced by high-fat diet. European Journal of Pharmacology, 2019, 857, 172457.	3.5	50
6	Development of nanobody-based flow injection chemiluminescence immunoassay for sensitive detection of human prealbumin. Biosensors and Bioelectronics, 2014, 61, 165-171.	10.1	43
7	Application of packed-fiber solid-phase extraction coupled with GCâ€“MS for the determination of short-chain fatty acids in children's urine. Clinica Chimica Acta, 2017, 468, 120-125.	1.1	39
8	Solid phase extraction with electrospun nanofibers for determination of retinol and Î±-tocopherol in plasma. Mikrochimica Acta, 2010, 168, 59-64.	5.0	36
9	Detection of Î²-agonists in pork tissue with novel electrospun nanofibers-based solid-phase extraction followed ultra-high performance liquid chromatography/tandem mass spectrometry. Food Chemistry, 2017, 227, 315-321.	8.2	32
10	The Antioxidant Effect of the Metal and Metal-Oxide Nanoparticles. Antioxidants, 2022, 11, 791.	5.1	32
11	Polypyrrole hollow fiber for solid phase extraction. Analyst, The, 2012, 137, 1846.	3.5	27
12	Solid phase extraction with Polypyrrole nanofibers for simultaneously determination of three water-soluble vitamins in urine. Journal of Chromatography A, 2019, 1589, 30-38.	3.7	26
13	Polystyrene nanofibers capped with copper nanoparticles for selective extraction of glutathione prior to its determination by HPLC. Mikrochimica Acta, 2018, 185, 321.	5.0	25
14	Adsorption/desorption performance of volatile organic compounds on electrospun nanofibers. RSC Advances, 2015, 5, 102625-102632.	3.6	24
15	Bioinspired Noniridescent Structural Color with Hidden Patterns for Anticounterfeiting. ACS Applied Nano Materials, 2019, 2, 5752-5760.	5.0	22
16	Comparison of Adsorption/Desorption of Volatile Organic Compounds (VOCs) on Electrospun Nanofibers with Tenax TA for Potential Application in Sampling. PLoS ONE, 2016, 11, e0163388.	2.5	18
17	Increased Cortisol and Cortisone Levels in Overweight Children. Medical Science Monitor Basic Research, 2017, 23, 25-30.	2.6	18
18	Determination of Glutathione and Cysteine in Human Breast Milk by High-Performance Liquid Chromatography with Chemiluminescence Detection for Evaluating the Oxidative Stress and Exposure to Heavy Metals of Lactating Women. Analytical Letters, 2020, 53, 2607-2618.	1.8	15

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19	Simultaneous determination of five phthalate esters and bisphenol A in milk by packedâ€nanofiber solidâ€phase extraction coupled with gas chromatography and mass spectrometry. Journal of Separation Science, 2019, 42, 851-861.	2.5	13
20	Consensus of Multiagent Systems With Time-Varying Input Delay and Relative State Saturation Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6938-6944.	9.3	13
21	Packed-nanofiber solid phase extraction coupled with HPLC for the determination of chloramphenicol in milk. Analytical Methods, 2017, 9, 6499-6506.	2.7	12
22	Rapid determination of seven synthetic dyes in casual snacks based on packed-fibers solid-phase extraction coupled with HPLC-DAD. Food Chemistry, 2021, 347, 129026.	8.2	11
23	Packed-Nanofiber solid phase extraction coupled with gas chromatography-mass spectrometry for the determination of phthalate esters in urines from children. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 342-348.	2.3	10
24	Simultaneous analysis of two urinary biomarkers of oxidative damage to DNA and RNA based on packed-fiber solid phase extraction coupled with high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1159, 122358.	2.3	10
25	Simultaneous quantification of cortisol and cortisone in urines from infants with packed-fiber solid-phase extraction coupled to HPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 163-168.	2.3	9
26	Decreased levels of urinary free amino acids in children with autism spectrum disorder. Journal of Clinical Neuroscience, 2018, 54, 45-49.	1.5	8
27	Quantitative high-perormance liquid chromatographic analysis of nitroxoline and structurally related compounds. Chromatographia, 2003, 57, 405-408.	1.3	7
28	A Convenient Method for Extraction and Analysis with High-Pressure Liquid Chromatography of Catecholamine Neurotransmitters and Their Metabolites. Journal of Visualized Experiments, 2018, , .	0.3	6
29	Performance Evaluation of an Electrospun Nanofiber Mat as Samplers for the Trap of Trace Heavy Metals in Atmospheric Particles and Its Application. Analytical Sciences, 2020, 36, 1453-1457.	1.6	6
30	Fiber Nanoarchitectonics for Pre-Treatments in Facile Detection of Short-Chain Fatty Acids in Waste Water and Faecal Samples. Polymers, 2021, 13, 3906.	4.5	6
31	Analysis of Choline in Milk Powder Using Electrogenerated Chemiluminescence Including a Mechanism Study. Analytical Letters, 2011, 44, 1381-1391.	1.8	5
32	The Use of Naphthol Green for the Determination of Chlorine Dioxide in Water. Analytical Letters, 2003, 36, 1661-1667.	1.8	4
33	Blu-Ray Discs as Universal Biochip Substrates: Lithography-Free Surface Activation and Assay Patterning. ACS Applied Materials & Interfaces, 2019, 11, 37330-37337.	8.0	4
34	Sampling and concentration of particulate matter bound polycyclic aromatic hydrocarbons (PAHs) basing on polystyrene nanofibers followed a determination by gas chromatography-mass spectrometry. Microchemical Journal, 2022, 178, 107295.	4.5	3
35	A polypyrrole-based solid phase extraction for determination of eight B-complex vitamins from infant formula. Journal of Food Measurement and Characterization, 2021, 15, 4021-4029.	3.2	2
36	Nanofibers comprising polystyrene and zinc acetate for extraction of salivary histidine prior to its determination by HPLCâ€“DAD. Analytical Sciences, 2022, 38, 105-112.	1.6	2

#	Article	IF	Citations
37	Selective Separation and Analysis of Catecholamines in Urine Based on Magnetic Solid Phase Extraction by Mercaptophenylboronic Acid Functionalized Fe3O4-NH2@Au Magnetic Nanoparticles Coupled with HPLC. Separations, 2021, 8, 196.	2.4	2
38	A novel biosensor based on Blu-ray disc coating film for determination of total amino acid content in tea leaves. RSC Advances, 2021, 11, 39666-39671.	3.6	1
39	Solid-Phase Extraction with Packed-Fiber is a Biological Sample Preparation Tool for Neuro-Active Molecule Detection. Advances in Experimental Medicine and Biology, 2018, 1072, 423-430.	1.6	0
40	Packed-Fiber Solid Phase-Extraction Coupled with HPLC-MS/MS for Rapid Determination of Lipid Oxidative Damage Biomarker 8-Iso-Prostaglandin F2Î± in Urine. Molecules, 2022, 27, 4417.	3.8	0