

Xuan Chen

List of Publications by Year in descending order

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66
papers

1,418
citations

430442

18
h-index

360668

35
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67
all docs

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docs citations

67
times ranked

1741
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosensitizer Nanodot Eliciting Immunogenicity for Photoimmunologic Therapy of Postoperative Methicillin-Resistant <i>Staphylococcus aureus</i> Infection and Secondary Recurrence. <i>Advanced Materials</i> , 2022, 34, e2107300.	11.1	44
2	Preconcentration of liposoluble constituents in <i>Salvia Miltiorrhiza</i> using acid-assisted liquid phase microextraction based on a switchable deep eutectic solvent. <i>Journal of Chromatography A</i> , 2022, 1666, 462858.	1.8	10
3	Solvent terminated natural deep eutectic solvent microextraction for concentration of curcuminoids in <i>Curcumae Longae Rhizoma</i> and turmeric tea. <i>Journal of Separation Science</i> , 2022, 45, 2252-2261.	1.3	3
4	Crystal film accelerated solvent microextraction (CF-ASME) for determination of flavonoids in natural products combined with high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1676, 463286.	1.8	2
5	Determination of teicoplanin in human plasma by reverse micelle mediated dispersive liquid-liquid microextraction with high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1643, 462058.	1.8	6
6	Three phase dispersive liquid-liquid microextraction (DLLME) based on reverse micelles for the enrichment of Q-markers of cinnamic acids in traditional Chinese medicine. <i>Instrumentation Science and Technology</i> , 2021, 49, 671-684.	0.9	6
7	Reversed lipid micellar hollow-fiber liquid-phase microextraction of rotigotine in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1178, 122583.	1.2	3
8	Simultaneous preconcentration and determination of trace flavonoids in complex matrix by phosphatidylcholine supramolecular solvent-based dispersive liquid-phase microextraction. <i>Microchemical Journal</i> , 2021, 168, 106348.	2.3	6
9	Vortex-assisted dispersive liquid-phase microextraction for the analysis of main active compounds from <i>Zi-Cao-Cheng-Qi</i> decoction based on a hydrophobic deep eutectic solvent. <i>Journal of Separation Science</i> , 2021, 44, 4376-4383.	1.3	7
10	Simultaneous preconcentration of both polar and non-polar Q-markers of flavonoids in traditional Chinese medicine by reverse micellar floating solidification liquid-phase microextraction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021, 44, 689-698.	0.5	1
11	Comparison and application of two microextractions based on syringe membrane filter. <i>Journal of Separation Science</i> , 2020, 43, 462-469.	1.3	3
12	Ballpoint tip-protected oil-in-salt liquid-phase microextraction with high performance liquid chromatography for the determination of magnolol and honokiol from cortex <i>Magnoliae officinalis</i> . <i>Instrumentation Science and Technology</i> , 2020, 48, 254-268.	0.9	3
13	Synthesis, biological evaluation and SAR studies of ursolic acid 3 rd -ester derivatives as novel CETP inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126824.	1.0	6
14	Simultaneous determination of curcuminoids in <i>Curcumae Longae Rhizoma</i> and turmeric tea using liquid-phase microextraction based on solidification of floating deep eutectic solvent drop. <i>Microchemical Journal</i> , 2020, 159, 105341.	2.3	22
15	Micro/Nanorobot: A Promising Targeted Drug Delivery System. <i>Pharmaceutics</i> , 2020, 12, 665.	2.0	78
16	Application of solidified floating double-solvent dispersive liquid-phase microextraction for the analysis of the main active components in <i>Zi-Cao-Cheng-Qi</i> decoction. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	0
17	Self-assembled supramolecular dispersive liquid-phase microextraction for concentration and determination of anthraquinone compounds in <i>Rhubarb</i> . <i>Journal of Separation Science</i> , 2020, 43, 4067-4076.	1.3	9
18	Melatonin-Based and Biomimetic Scaffold as Muscle ECM Implant for Guiding Myogenic Differentiation of Volumetric Muscle Loss. <i>Advanced Functional Materials</i> , 2020, 30, 2002378.	7.8	27

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19	Double salting-out effect assisted heat-shrinkable tubing liquid phase microextraction followed by high performance liquid chromatography for determination of flavonoids in human plasma. <i>Journal of Chromatography A</i> , 2019, 1603, 44-50.	1.8	5
20	Comparison of three-phase hollow fiber liquid-phase microextraction based on reverse micelle with conventional two-phase hollow fiber liquid-phase microextraction and their applications for analysis of cinnamic acids in traditional Chinese medicines. <i>Journal of Separation Science</i> , 2019, 42, 2977-2984.	1.3	13
21	Ballpoint connector-protected salt-in-salt liquid phase microextraction for concentration and enrichment of trace anthraquinone compounds in rhubarb. <i>Journal of Separation Science</i> , 2019, 42, 2231-2238.	1.3	3
22	Hollow fibre cell fishing and hollow fibre liquid phase microextraction research on the anticancer coumarins of <i>Radix Angelicae dahuricae</i> in vitro and in vivo. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 79-88.	0.5	9
23	Three-phase hollow-fiber liquid-phase microextraction based on deep eutectic solvent as acceptor phase for extraction and preconcentration of main active compounds in a traditional Chinese medicinal formula. <i>Journal of Separation Science</i> , 2019, 42, 2239-2246.	1.3	29
24	Natural product applications of liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 340-350.	5.8	21
25	Fibroin/dodecanol floating solidification microextraction for the preconcentration of trace levels of flavonoids in complex matrix samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 17-24.	1.2	8
26	Research on major antitumor active components in Zi-Cao-Cheng-Qi decoction based on hollow fiber cell fishing with high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 9-15.	1.4	8
27	Determination of blood concentrations of main active compounds in Zi-Cao-Cheng-Qi decoction and their total plasma protein binding rates based on hollow fiber liquid phase microextraction coupled with high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 355-361.	1.2	22
28	In-Syringe Binary-Solvent Liquid-Phase Microextraction for the Preconcentration of Cinnamic Acid Derivatives in Traditional Chinese Medicine Samples. <i>Chromatographia</i> , 2018, 81, 257-264.	0.7	7
29	Sodium dodecyl sulfate sensitized switchable solvent liquid-phase microextraction for the preconcentration of protoberberine alkaloids in <i>Rhizoma coptidis</i> . <i>Journal of Separation Science</i> , 2018, 41, 3614-3621.	1.3	10
30	Osteoinductivity and Antibacterial Properties of Strontium Ranelate-Loaded Poly(Lactic-co-Glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Pharmacology, 2018, 9, 368.	1.6	37
31	Salt-assisted dispersive liquid-liquid microextraction for enhancing the concentration of matrine alkaloids in traditional Chinese medicine and its preparations. <i>Journal of Separation Science</i> , 2018, 41, 3590-3597.	1.3	16
32	New oil-in-salt liquid-phase microextraction on permutite for the extraction and concentration of alkaloids in <i>Coptis chinensis</i> . <i>Journal of Separation Science</i> , 2017, 40, 1334-1342.	1.3	8
33	Strontium ranelate-loaded PLGA porous microspheres enhancing the osteogenesis of MC3T3-E1 cells. <i>RSC Advances</i> , 2017, 7, 24607-24615.	1.7	21
34	Graphene/dodecanol floating solidification microextraction for the preconcentration of trace levels of cinnamic acid derivatives in traditional Chinese medicines. <i>Journal of Separation Science</i> , 2017, 40, 2959-2966.	1.3	10
35	Development of a novel hollow-fiber liquid-phase microextraction based on oil-in-salt and its comparison with conventional one. <i>Journal of Separation Science</i> , 2017, 40, 2941-2949.	1.3	21
36	Study on major antitumor components in Yinchenhao decoction in vitro and in vivo based on hollow fiber cell fishing coupled with high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1060, 118-125.	1.2	13

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37	Study on Antitumour Activity of Scutellarin and Its Metabolite Scutellarein by Combining Activity Screening, Target Tissue Distribution and Pharmacokinetics. <i>Chromatographia</i> , 2017, 80, 427-435.	0.7	3
38	Graphene Oxide/Plane Cocoon Double Membrane Solid Phase Microextraction for the Concentration of Alkaloids in <i>Coptis chinensis</i> . <i>Chromatographia</i> , 2017, 80, 1467-1473.	0.7	4
39	An Overview of Pickering Emulsions: Solid-Particle Materials, Classification, Morphology, and Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 287.	1.6	481
40	Advances in Autoimmune Epilepsy Associated with Antibodies, Their Potential Pathogenic Molecular Mechanisms, and Current Recommended Immunotherapies. <i>Frontiers in Immunology</i> , 2017, 8, 395.	2.2	17
41	Study of Anti-Renal Cancer Ingredients in <i>Scutellaria barbata</i> on Hollow Fibre Cell Fishing and Hollow Fibre Liquid Phase Microextraction. <i>Current Pharmaceutical Analysis</i> , 2017, 13, .	0.3	2
42	Hollowâ€fiber doubleâ€solvent synergistic microextraction with highâ€performance liquid chromatography for the determination of antitumor alkaloids in <i>Coptis chinensis</i> . <i>Journal of Separation Science</i> , 2016, 39, 827-834.	1.3	12
43	Screening and quantification of anticancer compounds in traditional Chinese medicine by hollow fiber cell fishing and hollow fiber liquid/solidâ€phase microextraction. <i>Journal of Separation Science</i> , 2016, 39, 1814-1824.	1.3	23
44	Dispersive Liquidâ€Liquid Microextraction Combined with High-Performance Liquid Chromatography for the Simultaneous Analysis of Matrine Alkaloids in Traditional Chinese Medicine. <i>Journal of Chromatographic Science</i> , 2016, 54, 1687-1693.	0.7	11
45	Development of a novel stirrerliquid/solid microextraction method for the separation and enrichment of trace levels of active compounds in traditional Chinese medicine. <i>Journal of Separation Science</i> , 2016, 39, 4290-4298.	1.3	5
46	Screening and Research of Anti-Cancer Matrine Components Based on Hollow Fiber Cell Fishing with High-Performance Liquid Chromatography. <i>Chromatographia</i> , 2016, 79, 125-136.	0.7	7
47	Two-phase/Three-phase Hollow Fibre Liquid-Phase Simultaneous Microextraction Combined with HPLC for Analysis of Phenolic Acids and Flavonoids in Traditional Chinese Medicine. <i>Chromatographia</i> , 2015, 78, 1159-1167.	0.7	17
48	Screening of bioactive compounds and research of possible targets based on hollow fiber cell fishing with high performance liquid chromatography. <i>Analytical Methods</i> , 2015, 7, 3124-3133.	1.3	11
49	Rapid Screening of Different Types of Antitumor Compound Groups from Traditional Chinese Medicine by Hollow Fiber Cell Fishing with High Performance Liquid Chromatography. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 17, 827-836.	0.6	7
50	STUDY ON ACTIVE INGREDIENTS OF LIGNANS FROM <i>SCHISANDRA CHINENSIS</i> BASED ON HOLLOW FIBER LIQUID PHASE MICROEXTRACTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2610-2623.	0.5	0
51	Hollow Fiber/Solvent Bar Microextraction Coupled with High Performance Liquid Chromatography for Preconcentration and Determination of Tanshinones and Salvianolic Acids in <i>Radix Salvia miltiorrhiza</i> . <i>Analytical Letters</i> , 2014, 47, 220-233.	1.0	8
52	Determination of Protoberberine Alkaloids in <i>Coptis chinensis</i> by Microextraction and High Performance Liquid Chromatography. <i>Analytical Letters</i> , 2014, 47, 2655-2664.	1.0	7
53	Loureirin B, an essential component of <i>Sanguis Draxonis</i> , inhibits Kv1.3 channel and suppresses cytokine release from Jurkat T cells. <i>Cell and Bioscience</i> , 2014, 4, 78.	2.1	11
54	Simultaneous Preconcentration and Analysis of Anthraquinones Based on Ultrasound Emulsification Ionic Liquid Microextraction. <i>Journal of Chromatographic Science</i> , 2014, 52, 218-225.	0.7	16

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55	Solvent Bar Microextraction with HPLC for Determination and Protein-Binding Characteristics of Oleanolic Acid and Ursolic Acid. <i>Chromatographia</i> , 2014, 77, 359-363.	0.7	6
56	Novel Microporous Membrane/Solvent Microextraction for Preconcentration of Cinnamic Acid Derivatives in <i>Rhizoma Typhonii</i> . <i>Chromatographia</i> , 2014, 77, 553-559.	0.7	8
57	Novel multiple-solvent simultaneous microextraction for flavonoid and anthraquinone preconcentration in traditional Chinese medicine. <i>Analytical Methods</i> , 2014, 6, 1076.	1.3	7
58	A novel hollow fiber/graphene oxide/solvent bar microextraction coupled with high performance liquid chromatography for preconcentration and determination of tanshinones and salvianolic acids in <i>Radix Salvia miltiorrhiza</i> . <i>Analytical Methods</i> , 2014, 6, 7285.	1.3	12
59	Applications of liquid-phase microextraction techniques in natural product analysis: A review. <i>Journal of Chromatography A</i> , 2014, 1368, 1-17.	1.8	83
60	Hollow fiber cell fishing with high-performance liquid chromatography for rapid screening and analysis of an antitumor-active protoberberine alkaloid group from <i>Coptis chinensis</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 463-475.	1.4	28
61	Hollow fibre cell fishing with high performance liquid chromatography for screening bioactive anthraquinones from traditional Chinese medicines. <i>Journal of Chromatography A</i> , 2013, 1322, 8-17.	1.8	33
62	Hollow fiber cell fishing with high performance liquid chromatography for screening bioactive compounds from traditional Chinese medicines. <i>Journal of Chromatography A</i> , 2013, 1280, 75-83.	1.8	28
63	A new ionic liquid "water" organic solvent three phase microextraction for simultaneous preconcentration flavonoids and anthraquinones from traditional Chinese prescription. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 86, 36-39.	1.4	23
64	Preliminary Screening and Analysis of Biomembrane Permeable Compounds in Herbal Medicines: Hollow Fiber Liposome Microscreening Combined with HPLC. <i>Chromatographia</i> , 2012, 75, 1395-1403.	0.7	4
65	Comparison of dispersive liquid-liquid microextraction based on organic solvent and ionic liquid combined with high-performance liquid chromatography for the analysis of emodin and its metabolites in urine samples. <i>Journal of Separation Science</i> , 2012, 35, 145-152.	1.3	45
66	Analysis of Chinese herbal compound preparations by ballpoint connector supported solvent microextraction and high-performance liquid chromatography with ultraviolet detection. <i>Instrumentation Science and Technology</i> , 0, , 1-14.	0.9	1