

# 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  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1741  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | An Overview of Pickering Emulsions: Solid-Particle Materials, Classification, Morphology, and Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 287.  | 1.6  | 481       |
| 2  | 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        |
| 3  | Micro/Nanorobot: A Promising Targeted Drug Delivery System. <i>Pharmaceutics</i> , 2020, 12, 665.   | 2.0  | 78        |
| 4  | 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        |
| 5  | 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        |
| 6  | Osteoinductivity and Antibacterial Properties of Strontium Ranelate-Loaded Poly(Lactic-co-Glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5<br><i>Pharmacology</i> , 2018, 9, 368.  | 1.6  | 37        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | Screening and quantification of anticancer compounds in traditional Chinese medicine by hollow fiber cell fishing and hollow fiber liquid/solid-phase microextraction. <i>Journal of Separation Science</i> , 2016, 39, 1814-1824.  | 1.3  | 23        |
| 14 | 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        |
| 15 | 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        |
| 16 | Strontium ranelate-loaded PLGA porous microspheres enhancing the osteogenesis of MC3T3-E1 cells. <i>RSC Advances</i> , 2017, 7, 24607-24615.  | 1.7  | 21        |
| 17 | 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        |
| 18 | Natural product applications of liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 340-350.  | 5.8  | 21        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Hollow-fiber double-solvent synergistic microextraction with high-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        |
| 27 | 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        |
| 28 | 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        |
| 29 | Dispersive Liquid-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        |
| 30 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | 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         |
| 34 | 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         |
| 35 | 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         |
| 36 | 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         |

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|----|--|-----|-----------|
| 37 | New oil-in-salt liquid-phase microextraction on permutite for the extraction and concentration of alkaloids in <i>Coptis chinensis</i> . Journal of Separation Science, 2017, 40, 1334-1342.   | 1.3 | 8         |
| 38 | Fibroin/dodecanol floating solidification microextraction for the preconcentration of trace levels of flavonoids in complex matrix samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 17-24. | 1.2 | 8         |
| 39 | Research on major antitumor active components in Zi-Cao-Cheng-Qi decoction based on hollow fiber cell fishing with high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 9-15.                           | 1.4 | 8         |
| 40 | Determination of Protoberberine Alkaloids in <i>Coptis chinensis</i> by Microextraction and High Performance Liquid Chromatography. Analytical Letters, 2014, 47, 2655-2664.   | 1.0 | 7         |
| 41 | Novel multiple-solvent simultaneous microextraction for flavonoid and anthraquinone preconcentration in traditional Chinese medicine. Analytical Methods, 2014, 6, 1076.   | 1.3 | 7         |
| 42 | Screening and Research of Anti-Cancer Matrine Components Based on Hollow Fiber Cell Fishing with High-Performance Liquid Chromatography. Chromatographia, 2016, 79, 125-136.   | 0.7 | 7         |
| 43 | In-Syringe Binary-Solvent Liquid-Phase Microextraction for the Preconcentration of Cinnamic Acid Derivatives in Traditional Chinese Medicine Samples. Chromatographia, 2018, 81, 257-264.  | 0.7 | 7         |
| 44 | Rapid Screening of Different Types of Antitumor Compound Groups from Traditional Chinese Medicine by Hollow Fiber Cell Fishing with High Performance Liquid Chromatography. Combinatorial Chemistry and High Throughput Screening, 2015, 17, 827-836.    | 0.6 | 7         |
| 45 | Vortex-assisted dispersive liquid-phase microextraction for the analysis of main active compounds from Zi-Cao-Cheng-Qi decoction based on a hydrophobic deep eutectic solvent. Journal of Separation Science, 2021, 44, 4376-4383.                       | 1.3 | 7         |
| 46 | Solvent Bar Microextraction with HPLC for Determination and Protein-Binding Characteristics of Oleanolic Acid and Ursolic Acid. Chromatographia, 2014, 77, 359-363.  | 0.7 | 6         |
| 47 | Synthesis, biological evaluation and SAR studies of ursolic acid 3 <sup>1</sup> -ester derivatives as novel CETP inhibitors. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126824.   | 1.0 | 6         |
| 48 | Determination of teicoplanin in human plasma by reverse micelle mediated dispersive liquid-liquid microextraction with high performance liquid chromatography. Journal of Chromatography A, 2021, 1643, 462058.  | 1.8 | 6         |
| 49 | Three phase dispersive liquid-liquid microextraction (DLLME) based on reverse micelles for the enrichment of Q-markers of cinnamic acids in traditional Chinese medicine. Instrumentation Science and Technology, 2021, 49, 671-684.                     | 0.9 | 6         |
| 50 | Simultaneous preconcentration and determination of trace flavonoids in complex matrix by phosphatidylcholine supramolecular solvent-based dispersive liquid-phase microextraction. Microchemical Journal, 2021, 168, 106348.                             | 2.3 | 6         |
| 51 | Development of a novel stirrerliquid/solid microextraction method for the separation and enrichment of trace levels of active compounds in traditional Chinese medicine. Journal of Separation Science, 2016, 39, 4290-4298.                             | 1.3 | 5         |
| 52 | Double salting-out effect assisted heat-shrinkable tubing liquid phase microextraction followed by high performance liquid chromatography for determination of flavonoids in human plasma. Journal of Chromatography A, 2019, 1603, 44-50.               | 1.8 | 5         |
| 53 | Preliminary Screening and Analysis of Biomembrane Permeable Compounds in Herbal Medicines: Hollow Fiber Liposome Microscreening Combined with HPLC. Chromatographia, 2012, 75, 1395-1403.  | 0.7 | 4         |
| 54 | Graphene Oxide/Plane Cocoon Double Membrane Solid Phase Microextraction for the Concentration of Alkaloids in <i>Coptis chinensis</i> . Chromatographia, 2017, 80, 1467-1473.  | 0.7 | 4         |

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|----|---|-----|-----------|
| 55 | 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         |
| 56 | Ballpoint connector-protected salt-on-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         |
| 57 | Comparison and application of two microextractions based on syringe membrane filter. <i>Journal of Separation Science</i> , 2020, 43, 462-469.  | 1.3 | 3         |
| 58 | 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         |
| 59 | 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         |
| 60 | 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         |
| 61 | 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         |
| 62 | 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         |
| 63 | 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         |
| 64 | 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         |
| 65 | 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         |
| 66 | Application of solidified floating double-solvent dispersive liquid-phase microextraction for the analysis of the main active components in Zicao Chengqi decoction. <i>SN Applied Sciences</i> , 2020, 2, 1.   | 1.5 | 0         |