

# Xuefang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2052413/publications.pdf>

Version: 2024-02-01

56  
papers

821  
citations

471509

17  
h-index

552781

26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

850  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A reagent-free acid-base titration method via an electrodynamic titrant generator. <i>Talanta</i> , 2022, 237, 122964.  | 5.5 | 1         |
| 2  | A dissolved inorganic carbon measurement method featuring self-calibration function via an electrodynamic generator. <i>Analyst, The</i> , 2022, 147, 208-212.  | 3.5 | 1         |
| 3  | An integrated dual-functional electrodynamic membrane suppressor for ion chromatography. <i>Journal of Chromatography A</i> , 2022, 1666, 462857.   | 3.7 | 0         |
| 4  | A hyperbranched polyglycerol-functionalized polymer polar stationary phase. <i>Journal of Chromatography A</i> , 2022, 1670, 462946.  | 3.7 | 5         |
| 5  | Gas-Free Continuously Regenerated Impurity Removal Device for Ion Chromatography. <i>Analytical Chemistry</i> , 2022, 94, 6924-6929.  | 6.5 | 0         |
| 6  | A gas-free electrodynamic pH modifier for ion chromatography. <i>Heliyon</i> , 2021, 7, e06229.   | 3.2 | 0         |
| 7  | Preparation of a polymer-based weak cation exchanger for ion chromatography via atom transfer radical polymerization. <i>Journal of Chromatography A</i> , 2021, 1648, 462187.  | 3.7 | 1         |
| 8  | Preparation and evaluation of a polymer-based sulfobetaine zwitterionic stationary phase. <i>Journal of Chromatography A</i> , 2021, 1649, 462229.  | 3.7 | 12        |
| 9  | A hydrolytically stable amide polar stationary phase for hydrophilic interaction chromatography. <i>Talanta</i> , 2021, 231, 122340.  | 5.5 | 10        |
| 10 | Sulfonamide-Selective Ambient Mass Spectrometry Ion Source Obtained by Modification of an Iron Sheet with a Hydrophilic Molecularly Imprinted Polymer. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15425-15433. | 5.2 | 5         |
| 11 | A polar stationary phase obtained by surface-initiated polymerization of hyperbranched polyglycerol onto silica. <i>Talanta</i> , 2020, 209, 120525.  | 5.5 | 12        |
| 12 | A weak cation exchanger by encapsulating silica with maleic anhydride-modified polyvinyl alcohol. <i>Journal of Separation Science</i> , 2020, 43, 1474-1478.   | 2.5 | 3         |
| 13 | A polymer-based zwitterionic stationary phase for hydrophilic interaction chromatography. <i>Talanta</i> , 2020, 216, 120927.   | 5.5 | 21        |
| 14 | A two-membrane electrodynamic carbonate eluent generator for ion chromatography. <i>Journal of Chromatography A</i> , 2020, 1622, 461095.   | 3.7 | 7         |
| 15 | Electrodialysis Pump Based on Enhanced Water Dissociation of Bipolar Membrane. <i>Analytical Chemistry</i> , 2020, 92, 6263-6268.   | 6.5 | 3         |
| 16 | Development of an analytical method for twelve dioscorea saponins using liquid chromatography coupled to Q-Exactive high resolution mass spectrometry. <i>Talanta</i> , 2019, 191, 11-20.   | 5.5 | 12        |
| 17 | A bipolar membrane-based cation electrolytic membrane suppressor for ion chromatography. <i>Journal of Chromatography A</i> , 2019, 1603, 422-425.  | 3.7 | 6         |
| 18 | Fabrication of a two-membrane configured electrodynamic methanesulfonic acid generator for ion chromatography. <i>Analyst, The</i> , 2019, 144, 2411-2415.  | 3.5 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | An electroalytic potassium hydroxide eluent generator suited to small bore ion chromatography. <i>Journal of Chromatography A</i> , 2019, 1596, 54-58.   | 3.7 | 2         |
| 20 | A poly(glycidylmethacrylate-divinylbenzene)-based anion exchanger for ion chromatography. <i>Journal of Chromatography A</i> , 2019, 1596, 79-83.  | 3.7 | 15        |
| 21 | A novel hydrophilic polymer-based anion exchanger grafted by quaternized polyethyleneimine for ion chromatography. <i>Talanta</i> , 2019, 197, 199-203.  | 5.5 | 21        |
| 22 | Preparation of a low bleeding polar stationary phase for hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2018, 182, 500-504.   | 5.5 | 20        |
| 23 | Online Gas-Free Electroalytic KOH Eluent Generator for Ion Chromatography. <i>Analytical Chemistry</i> , 2018, 90, 12840-12845.  | 6.5 | 12        |
| 24 | Low-Bleed Silica-Based Stationary Phase for Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2018, 90, 8750-8755.  | 6.5 | 32        |
| 25 | A positively charged porous graphitic carbon stationary phase for hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2017, 164, 159-163.  | 5.5 | 20        |
| 26 | A magnetic restricted access material for rapid solid phase extraction of multiple macrolide antibiotics in honey. <i>Analytical Methods</i> , 2017, 9, 2990-2996.   | 2.7 | 8         |
| 27 | Poly(vinyl alcohol)-cationic cellulose copolymer encapsulated SiO <sub>2</sub> stationary phase for hydrophilic interaction liquid chromatography. <i>RSC Advances</i> , 2017, 7, 21336-21341.             | 3.6 | 9         |
| 28 | Two-dimensional solid-phase extraction strategy for the selective enrichment of aminoglycosides in milk. <i>Journal of Separation Science</i> , 2017, 40, 1099-1106.                                       | 2.5 | 6         |
| 29 | Separation analysis of macrolide antibiotics with good performance on a positively charged C18HCE column. <i>Journal of Separation Science</i> , 2016, 39, 1073-1081.                                      | 2.5 | 13        |
| 30 | Poly(vinyl alcohol) Modified Porous Graphitic Carbon Stationary Phase for Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2016, 88, 4676-4681.                                | 6.5 | 47        |
| 31 | Simultaneous determination of tocopherols and tocotrienols in vegetable oils by GC-MS. <i>Analytical Methods</i> , 2016, 8, 7341-7346.   | 2.7 | 18        |
| 32 | An integrated device of electroalytic membrane suppressor and charge detector for ion chromatography. <i>Analytica Chimica Acta</i> , 2016, 943, 131-135.  | 5.4 | 3         |
| 33 | A highly selective hydrophilic sorbent for enrichment of N-linked glycopeptides. <i>Journal of Chromatography A</i> , 2016, 1460, 197-201.   | 3.7 | 11        |
| 34 | Fabrication and evaluation of an electroalytic carbonate eluent generator for ion chromatography. <i>Talanta</i> , 2016, 159, 143-147.   | 5.5 | 4         |
| 35 | A hyperbranched polyethyleneimine functionalized stationary phase for hydrophilic interaction liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3633-3638.                 | 3.7 | 20        |
| 36 | Study of matrix effects for liquid chromatography-electrospray ionization tandem mass spectrometric analysis of 4 aminoglycosides residues in milk. <i>Journal of Chromatography A</i> , 2016, 1437, 8-14. | 3.7 | 39        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | A polyvinyl alcohol-functionalized sorbent for extraction and determination of aminoglycoside antibiotics in honey. <i>Journal of Chromatography A</i> , 2015, 1403, 32-36.  | 3.7 | 32        |
| 38 | A polyvinyl alcohol-coated silica gel stationary phase for hydrophilic interaction chromatography. <i>Analyst, The</i> , 2015, 140, 6250-6253.   | 3.5 | 25        |
| 39 | Recent Advances of Stationary Phases for Hydrophilic Interaction Liquid Chromatography and Ion Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 349-352.   | 1.0 | 7         |
| 40 | Highly selective separation of aminoglycoside antibiotics on a zwitterionic Click TEACys column. <i>Journal of Separation Science</i> , 2014, 37, 1781-1787.   | 2.5 | 16        |
| 41 | Preparation of C 18 -functionalized Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell magnetic nanoparticles for extraction and determination of phthalic acid esters in Chinese herb preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 365-368. | 2.8 | 16        |
| 42 | Facile preparation of polyvinyl alcohol coated SiO <sub>2</sub> stationary phases for high performance liquid chromatography. <i>Analyst, The</i> , 2014, 139, 5594-5599.  | 3.5 | 18        |
| 43 | Graphene nanoplatelets as a highly efficient solid-phase extraction sorbent for determination of phthalate esters in aqueous solution. <i>Talanta</i> , 2014, 120, 71-75.  | 5.5 | 74        |
| 44 | Chemical and toxicological evaluation of an emerging pollutant (enrofloxacin) by catalytic wet air oxidation and ozonation in aqueous solution. <i>Chemosphere</i> , 2013, 90, 284-291.  | 8.2 | 48        |
| 45 | Determination of aristolochic acids in rat serum by high performance liquid chromatography-Q-TOF tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 718-721.   | 2.7 | 8         |
| 46 | A new reversed-phase/strong anion-exchange mixed-mode stationary phase based on polar-copolymerized approach and its application in the enrichment of aristolochic acids. <i>Journal of Chromatography A</i> , 2012, 1246, 129-136.  | 3.7 | 53        |
| 47 | Preparation and evaluation of anion exchange open tubular column. <i>Talanta</i> , 2012, 101, 91-95.   | 5.5 | 4         |
| 48 | Separation of $\beta$ -agonists in pork on a weak cation exchange column by HPLC with fluorescence detection. <i>Analytical Methods</i> , 2012, 4, 1163.   | 2.7 | 10        |
| 49 | Recent development in capillary ion chromatography technology. <i>Open Chemistry</i> , 2012, 10, 472-479.  | 1.9 | 2         |
| 50 | Fabrication of a novel cascade high-pressure electro-osmotic pump. <i>Analyst, The</i> , 2011, 136, 2689.  | 3.5 | 3         |
| 51 | A cation exchange resin bead-based microscale electrolytic suppressor for capillary ion chromatography. <i>Talanta</i> , 2011, 83, 1496-1500.  | 5.5 | 8         |
| 52 | A polar-copolymerized method to prepare silica-based anion exchanger for ion chromatography. <i>Talanta</i> , 2011, 85, 112-116.   | 5.5 | 13        |
| 53 | Separation of inorganic anions on a triazole-functionalized ion exchanger in ion chromatography. <i>Journal of Separation Science</i> , 2011, 34, 796-799.   | 2.5 | 10        |
| 54 | Analysis of cephalosporins by hydrophilic interaction chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 623-628.  | 2.8 | 28        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | A multifunctional dual membrane electroalytic eluent generator for capillary ion chromatography. Journal of Chromatography A, 2009, 1216, 2412-2416. | 3.7 | 23        |
| 56 | A simplified ion exchange bead-based KOH electroalytic generator for capillary ion chromatography. Talanta, 2009, 79, 68-71.                         | 5.5 | 15        |