

Christina S Vakh

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A fully automated effervescence-assisted switchable solvent-based liquid phase microextraction procedure: Liquid chromatographic determination of ofloxacin in human urine samples. <i>Analytica Chimica Acta</i> , 2016, 907, 54-59. | 5.4 | 93 |
| 2 | In situ decomposition of deep eutectic solvent as a novel approach in liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2019, 1065, 49-55. | 5.4 | 69 |
| 3 | An automated magnetic dispersive micro-solid phase extraction in a fluidized reactor for the determination of fluoroquinolones in baby food samples. <i>Analytica Chimica Acta</i> , 2018, 1001, 59-69. | 5.4 | 67 |
| 4 | An automated salting-out assisted liquid-liquid microextraction approach using 1-octylamine: On-line separation of tetracycline in urine samples followed by HPLC-UV determination. <i>Talanta</i> , 2018, 184, 122-127. | 5.5 | 54 |
| 5 | Flow analysis with chemiluminescence detection: Recent advances and applications. <i>Talanta</i> , 2018, 179, 246-270. | 5.5 | 54 |
| 6 | Switchable hydrophilicity solvent membrane-based microextraction: HPLC-FLD determination of fluoroquinolones in shrimps. <i>Analytica Chimica Acta</i> , 2017, 976, 35-44. | 5.4 | 46 |
| 7 | An automatic chemiluminescence method based on the multi-pumping flow system coupled with the fluidized reactor and direct-injection detector: Determination of uric acid in saliva samples. <i>Talanta</i> , 2017, 167, 725-732. | 5.5 | 39 |
| 8 | Surfactant-mediated microextraction approach using switchable hydrophilicity solvent: HPLC-UV determination of Sudan dyes in solid food samples. <i>Journal of Molecular Liquids</i> , 2018, 271, 807-814. | 4.9 | 39 |
| 9 | Effect of surfactant coating of Fe ₃ O ₄ nanoparticles on magnetic dispersive micro-solid phase extraction of tetracyclines from human serum. <i>Talanta</i> , 2020, 214, 120861. | 5.5 | 38 |
| 10 | A chemiluminescence method for screening of fluoroquinolones in milk samples based on a multi-pumping flow system. <i>Food Chemistry</i> , 2019, 270, 10-16. | 8.2 | 36 |
| 11 | A fully automated effervescence assisted dispersive liquid-liquid microextraction based on a stepwise injection system. Determination of antipyrine in saliva samples. <i>Analytica Chimica Acta</i> , 2016, 902, 129-134. | 5.4 | 33 |
| 12 | An automated in-syringe switchable hydrophilicity solvent-based microextraction. <i>Talanta</i> , 2020, 209, 120587. | 5.5 | 31 |
| 13 | Flow Analysis: A Novel Approach For Classification. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 374-388. | 3.5 | 29 |
| 14 | Automated alkaline-induced salting-out homogeneous liquid-liquid extraction coupled with in-line organic-phase detection by an optical probe for the determination of diclofenac. <i>Talanta</i> , 2017, 169, 156-162. | 5.5 | 29 |
| 15 | Supramolecular solvents formation in aqueous solutions containing primary amine and monoterpenoid compound: Liquid phase microextraction of sulfonamides. <i>Talanta</i> , 2020, 216, 120992. | 5.5 | 25 |
| 16 | Tin oxide nanoparticles modified by copper as novel catalysts for the luminol-H ₂ O ₂ based chemiluminescence system. <i>Analyst, The</i> , 2019, 144, 148-151. | 3.5 | 23 |
| 17 | Stir membrane liquid phase microextraction of tetracyclines using switchable hydrophilicity solvents followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1615, 460743. | 3.7 | 23 |
| 18 | A surfactant-mediated microextraction of synthetic dyes from solid-phase food samples into the primary amine-based supramolecular solvent. <i>Food Chemistry</i> , 2022, 380, 131812. | 8.2 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Determination of silicon, phosphorus, iron and aluminum in biodiesel by multicommutated stepwise injection analysis with classical least squares method. <i>Fuel</i> , 2014, 135, 198-204. | 6.4 | 19 |
| 20 | Homogeneous liquid-liquid microextraction based on primary amine phase separation: A novel approach for sample pretreatment. <i>Analytica Chimica Acta</i> , 2019, 1074, 117-122. | 5.4 | 17 |
| 21 | Automated IR determination of petroleum products in water based on sequential injection analysis. <i>Talanta</i> , 2016, 148, 661-665. | 5.5 | 16 |
| 22 | A rotating cotton-based disk packed with a cation-exchange resin: Separation of ofloxacin from biological fluids followed by chemiluminescence determination. <i>Talanta</i> , 2019, 196, 117-123. | 5.5 | 15 |
| 23 | Multicommutated Stepwise Injection Analysis as new approach for simultaneous determination of nickel (II), copper (II) and zinc (II) in wet aerosols. <i>Microchemical Journal</i> , 2013, 110, 649-655. | 4.5 | 14 |
| 24 | Cobalt-doped hydroxyapatite nanoparticles as a new eco-friendly catalyst of luminol-H ₂ O ₂ based chemiluminescence reaction: Study of key factors, improvement the activity and analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118382. | 3.9 | 14 |
| 25 | Chemical and computational strategy for design of "switchable" sorbent based on hydroxyapatite nanoparticles for dispersive micro-solid phase extraction of tetracyclines. <i>Journal of Hazardous Materials</i> , 2021, 419, 126504. | 12.4 | 13 |
| 26 | Stir flat sheet membrane liquid phase microextraction for the selective chemiluminescence determination of ofloxacin and fleroxacin in human urine. <i>Microchemical Journal</i> , 2021, 163, 105913. | 4.5 | 11 |
| 27 | Simultaneous determination of iron (II) and ascorbic acid in pharmaceuticals based on flow sandwich technique. <i>Journal of Pharmacological and Toxicological Methods</i> , 2015, 73, 56-62. | 0.7 | 10 |
| 28 | A novel flow injection chemiluminescence method for automated and miniaturized determination of phenols in smoked food samples. <i>Food Chemistry</i> , 2017, 237, 929-935. | 8.2 | 10 |
| 29 | Microstructured optical fibers sensor modified by deep eutectic solvent: Liquid-phase microextraction and detection in one analytical device. <i>Talanta</i> , 2021, 232, 122305. | 5.5 | 9 |
| 30 | Effervescence assisted dispersive liquid-liquid microextraction followed by microvolume UV-Vis spectrophotometric determination of surfactants in water. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 613-623. | 1.2 | 8 |
| 31 | Flow-based methods and their applications in chemical analysis. <i>ChemTexts</i> , 2021, 7, 1. | 1.9 | 6 |
| 32 | Stepwise injection photometric determination of nickel in air aerosols. <i>Journal of Analytical Chemistry</i> , 2013, 68, 68-71. | 0.9 | 0 |