

Sylwia Bajkacz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

552
citations

11
h-index

23
g-index

37
ext. papers

843
ext. citations

6.1
avg, IF

4.83
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 34 | Antimicrobial pharmaceuticals in the aquatic environment - occurrence and environmental implications. <i>European Journal of Pharmacology</i> , 2020 , 866, 172813 | 5.3 | 109 |
| 33 | Evaluation of new natural deep eutectic solvents for the extraction of isoflavones from soy products. <i>Talanta</i> , 2017 , 168, 329-335 | 6.2 | 103 |
| 32 | Small-scale wastewater treatment plants as a source of the dissemination of antibiotic resistance genes in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2020 , 381, 121221 | 12.8 | 68 |
| 31 | Development of a Method Based on Natural Deep Eutectic Solvents for Extraction of Flavonoids from Food Samples. <i>Food Analytical Methods</i> , 2018 , 11, 1330-1344 | 3.4 | 64 |
| 30 | Determination of Flavonoids and Phenolic Acids in Plant Materials Using SLE-SPE-UHPLC-MS/MS Method. <i>Food Analytical Methods</i> , 2018 , 11, 3563-3575 | 3.4 | 23 |
| 29 | The effect of loading frequency and plants on the degradation of sulfamethoxazole and diclofenac in vertical-flow constructed wetlands. <i>Ecological Engineering</i> , 2018 , 122, 187-196 | 3.9 | 22 |
| 28 | Wastewater treatment plants as a reservoir of integrase and antibiotic resistance genes - An epidemiological threat to workers and environment. <i>Environment International</i> , 2021 , 156, 106641 | 12.9 | 21 |
| 27 | A new UHPLC-MS/MS method for the determination of flavonoids in supplements and DPPH-UHPLC-UV method for the evaluation of the radical scavenging activity of flavonoids. <i>Food Chemistry</i> , 2018 , 256, 333-341 | 8.5 | 19 |
| 26 | Development of a new SLE-SPE-HPLC-MS/MS method for the determination of selected antibiotics and their transformation products in anthropogenically altered solid environmental matrices. <i>Science of the Total Environment</i> , 2020 , 726, 138071 | 10.2 | 15 |
| 25 | Removal and transformations of diclofenac and sulfamethoxazole in a two-stage constructed wetland system. <i>Ecological Engineering</i> , 2018 , 122, 159-168 | 3.9 | 14 |
| 24 | Removal and transformation of benzotriazole in manganese-oxide biofilters with Mn(II) feeding. <i>Chemosphere</i> , 2018 , 212, 143-151 | 8.4 | 14 |
| 23 | Electrochemical simulation of three novel cardiovascular drugs phase I metabolism and development of a new method for determination of them by liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1093-1094, 100-112 | 3.2 | 9 |
| 22 | Application of Deep Eutectic Solvents and Ionic Liquids in the Extraction of Catechins from Tea. <i>Molecules</i> , 2020 , 25, | 4.8 | 9 |
| 21 | Microbial and chemical pollutants on the manure-crops pathway in the perspective of "One Health" holistic approach. <i>Science of the Total Environment</i> , 2021 , 785, 147411 | 10.2 | 9 |
| 20 | Highly Efficient Extraction Procedures Based on Natural Deep Eutectic Solvents or Ionic Liquids for Determination of 20-Hydroxyecdysone in Spinach. <i>Molecules</i> , 2020 , 25, | 4.8 | 8 |
| 19 | Structural characterization of electrochemically and in vivo generated potential metabolites of selected cardiovascular drugs by EC-UHPLC/ESI-MS using an experimental design approach. <i>Talanta</i> , 2018 , 176, 262-276 | 6.2 | 8 |
| 18 | Flavonoids enantiomer distribution in different parts of goldenrod (<i>Solidago virgaurea</i> L.), lucerne (<i>Medicago sativa</i> L.) and phacelia (<i>Phacelia tanacetifolia</i> Benth.). <i>Chirality</i> , 2019 , 31, 138-149 | 2.1 | 7 |

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| 17 | Removal and transformation pathways of benzothiazole and benzotriazole in membrane bioreactors treating synthetic municipal wastewater. <i>Chemosphere</i> , 2019 , 227, 162-171 | 8.4 | 6 |
| 16 | Separation and Determination of Selected Polyphenols from Medicinal Plants. <i>Journal of Chromatographic Science</i> , 2019 , 57, 17-26 | 1.4 | 5 |
| 15 | Application of UHPLC-MS/MS method to study occurrence and fate of sulfonamide antibiotics and their transformation products in surface water in highly urbanized areas. <i>Chemosphere</i> , 2021 , 283, 131189 | 8.4 | 5 |
| 14 | The Effect of Antibiotics on Mesophilic Anaerobic Digestion Process of Cattle Manure. <i>Energies</i> , 2021 , 14, 1125 | 3.1 | 4 |
| 13 | Suspect screening of antimicrobial agents transformation products in environmental samples development of LC-QTrap method running in pseudo MRM transitions. <i>Science of the Total Environment</i> , 2021 , 808, 152114 | 10.2 | 2 |
| 12 | The impact of antimicrobials on the efficiency of methane fermentation of sewage sludge, changes in microbial biodiversity and the spread of antibiotic resistance. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125773 | 12.8 | 2 |
| 11 | Supramolecular Solvent-Based Microextraction of Selected Anticonvulsant and Nonsteroidal Anti-Inflammatory Drugs from Sediment Samples. <i>Molecules</i> , 2020 , 25, | 4.8 | 1 |
| 10 | Development of a fast UHPLC-MS/MS for the analysis of selected priority micropollutants in wastewater samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2021 , 101, 59-78 | 1.8 | 1 |
| 9 | Optimization of a Method for Extraction and Determination of Residues of Selected Antimicrobials in Soil and Plant Samples Using HPLC-UV-MS/MS. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18, | 4.6 | 1 |
| 8 | Separation and Determination of Chemopreventive Phytochemicals of Flavonoids from Plants. <i>Molecules</i> , 2021 , 26, | 4.8 | 1 |
| 7 | Removal and transformation of sulfamethoxazole in acclimated biofilters with various operation modes - Implications for full-scale application. <i>Chemosphere</i> , 2021 , 280, 130638 | 8.4 | 1 |
| 6 | Solar-light driven photodegradation of antimicrobials, their transformation by-products and antibiotic resistance determinants in treated wastewater.. <i>Science of the Total Environment</i> , 2022 , 155447 | 10.2 | 1 |
| 5 | Long-Term, Simultaneous Impact of Antimicrobials on the Efficiency of Anaerobic Digestion of Sewage Sludge and Changes in the Microbial Community. <i>Energies</i> , 2022 , 15, 1826 | 3.1 | 0 |
| 4 | Liquid chromatography in food analysis 2020 , 391-455 | | |
| 3 | Chiral Flavonoids: Methods of Enantioseparation and Extraction of Polyphenol Mixtures 2022 , 1-19 | | |
| 2 | Efficient extraction and sensitive HPLC-MS/MS quantification of selected ecdysteroids in plants. <i>Journal of Food Composition and Analysis</i> , 2022 , 104580 | 4.1 | |
| 1 | Chiral Flavonoids: Methods of Enantioseparation and Extraction of Polyphenol Mixtures 2022 , 525-543 | | |