

# Iveta Pugajeva

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,797  
citations

236925

25  
h-index

315739

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2221  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Lactic Acid Bacteria Isolation from Spontaneous Sourdough and Their Characterization Including Antimicrobial and Antifungal Properties Evaluation. <i>Microorganisms</i> , 2020, 8, 64.   | 3.6 | 114       |
| 2  | Acute anti-hyperglycaemic effects of an unripe apple preparation containing phlorizin in healthy volunteers: a preliminary study. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 560-568.  | 3.5 | 90        |
| 3  | Determination of pharmaceutical residues in wastewater using high performance liquid chromatography coupled to quadrupole-Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 133, 64-74.                                    | 2.8 | 81        |
| 4  | Study on the reduction of acrylamide in mixed rye bread by fermentation with bacteriocin-like inhibitory substances producing lactic acid bacteria in combination with <i>Aspergillus niger</i> glucoamylase. <i>Food Control</i> , 2013, 30, 35-40.                  | 5.5 | 67        |
| 5  | Mycotoxins, pesticides and toxic metals in commercial spices and herbs. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2017, 10, 5-14.   | 2.8 | 64        |
| 6  | A reliable screening of mycotoxins and pesticide residues in paprika using ultra-high performance liquid chromatography coupled to high resolution Orbitrap mass spectrometry. <i>Food Control</i> , 2016, 60, 683-689.   | 5.5 | 49        |
| 7  | Are pesticide residues in honey related to oilseed rape treatments?. <i>Chemosphere</i> , 2017, 188, 389-396.   | 8.2 | 49        |
| 8  | Lactic Acid Bacteria Combinations for Wheat Sourdough Preparation and Their Influence on Wheat Bread Quality and Acrylamide Formation. <i>Journal of Food Science</i> , 2017, 82, 2371-2378.  | 3.1 | 48        |
| 9  | Phenolic compounds in different fruit parts of crab apple: Dihydrochalcones as promising quality markers of industrial apple pomace by-products. <i>Industrial Crops and Products</i> , 2015, 74, 607-612.  | 5.2 | 46        |
| 10 | A concept of mould spoilage prevention and acrylamide reduction in wheat bread: Application of lactobacilli in combination with a cranberry coating. <i>Food Control</i> , 2018, 91, 284-293.   | 5.5 | 44        |
| 11 | The impact of different baking conditions on the stability of the extractable polyphenols in muffins enriched by strawberry, sour cherry, raspberry or black currant pomace. <i>LWT - Food Science and Technology</i> , 2016, 65, 946-953.                            | 5.2 | 43        |
| 12 | Effect of lactic acid fermentation of lupine wholemeal on acrylamide content and quality characteristics of wheat-lupine bread. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 890-896.  | 2.8 | 42        |
| 13 | Dessert and crab apple seeds as a promising and rich source of all four homologues of tocopherol ( $\hat{1}\pm$ , $\hat{1}^2$ , $\hat{1}^3$ ) Tj ETQq1.1 0.784314 rgB 5.2 42  | 5.2 | 42        |
| 14 | The contribution of <i>P. Acidilactici</i> , <i>L. Plantarum</i> , and <i>L. Curvatus</i> starters and L-(+)-lactic acid to the acrylamide content and quality parameters of mixed rye - Wheat bread. <i>LWT - Food Science and Technology</i> , 2017, 80, 43-50.     | 5.2 | 41        |
| 15 | Seeds recovered from by-products of selected fruit processing as a rich source of tocopherols: RP-HPLC/FLD and RP-UPLC-ESI/MSn study. <i>European Food Research and Technology</i> , 2014, 239, 519-524.  | 3.3 | 40        |
| 16 | Pesticide residues in beehive matrices are dependent on collection time and matrix type but independent of proportion of foraged oilseed rape and agricultural land in foraging territory. <i>Chemosphere</i> , 2020, 238, 124555.                                    | 8.2 | 40        |
| 17 | Reducing of acrylamide formation in wheat biscuits supplemented with flaxseed and lupine. <i>LWT - Food Science and Technology</i> , 2016, 65, 275-282.   | 5.2 | 38        |
| 18 | Determination of residues and metabolites of more than 140 pharmacologically active substances in meat by liquid chromatography coupled to high resolution Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 252-263. | 2.8 | 37        |

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|----|---|-----|-----------|
| 19 | Mycotoxins in herbal teas marketed in Latvia and dietary exposure assessment. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2019, 12, 199-208.  | 2.8 | 36        |
| 20 | The effects of woodchip- and straw-derived biochars on the persistence of the herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA) in soils. <i>Ecotoxicology and Environmental Safety</i> , 2014, 109, 93-100.   | 6.0 | 35        |
| 21 | New insights regarding tocopherols in Arabica and Robusta species coffee beans: RP-UPLC-ESI/MSn and NP-HPLC/FLD study. <i>Journal of Food Composition and Analysis</i> , 2014, 36, 117-123.   | 3.9 | 32        |
| 22 | Factors affecting tocopherol contents in coffee brews: NP-HPLC/FLD, RP-UPLC-ESI/MSn and spectroscopic study. <i>European Food Research and Technology</i> , 2014, 238, 259-264.   | 3.3 | 27        |
| 23 | Ultra high performance liquid chromatography- time-of-flight high resolution mass spectrometry in the analysis of hexabromocyclododecane diastereomers: Method development and comparative evaluation versus ultra high performance liquid chromatography coupled to Orbitrap high resolution mass spectrometry and triple quadrupole tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1366, 73-83. | 3.7 | 26        |
| 24 | Determination of Fungi and Multi-Class Mycotoxins in <i>Camelia sinensis</i> and Herbal Teas and Dietary Exposure Assessment. <i>Toxins</i> , 2020, 12, 555.  | 3.4 | 26        |
| 25 | Two-dimensional liquid chromatography - high resolution mass spectrometry method for simultaneous monitoring of 70 regulated and emerging mycotoxins in Pu-erh tea. <i>Journal of Chromatography A</i> , 2020, 1622, 461145.  | 3.7 | 26        |
| 26 | The application of phospholipid removal columns and ultra-high performance liquid chromatography-tandem quadrupole mass spectrometry for quantification of multi-class antibiotics in aquaculture samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 126-131.   | 2.8 | 25        |
| 27 | Identification and determination of stilbenes by Q-TOF in grape skins, seeds, juice and stems. <i>Journal of Food Composition and Analysis</i> , 2018, 74, 44-52.   | 3.9 | 25        |
| 28 | The Occurrence and Dietary Exposure Assessment of Mycotoxins, Biogenic Amines, and Heavy Metals in Mould-Ripened Blue Cheeses. <i>Foods</i> , 2020, 9, 93.  | 4.3 | 24        |
| 29 | Sesamin and sesamol as unexpected contaminants in various cold-pressed plant oils: NP-HPLC/FLD/DAD and RP-UPLC-ESI/MSn study. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 567-573.   | 2.3 | 23        |
| 30 | Determination of acidic non-steroidal anti-inflammatory drugs in aquatic samples by liquid chromatography-triple quadrupole mass spectrometry combined with carbon nanotubes-based solid-phase extraction. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 568.   | 2.7 | 23        |
| 31 | Decomposition of multi-class pharmaceutical residues in wastewater by exposure to ionising radiation. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1969-1980.   | 3.5 | 22        |
| 32 | Application of <i>Pediococcus acidilactici</i> LUHS29 immobilized in apple pomace matrix for high value wheat-barley sourdough bread. <i>LWT - Food Science and Technology</i> , 2017, 83, 157-164.   | 5.2 | 22        |
| 33 | Recent Applications of Carbonaceous Nanosorbents in Solid Phase Extraction for the Determination of Pesticides in Food Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 439-458.  | 3.5 | 22        |
| 34 | Study of the antibiotic residues in poultry meat in some of the EU countries and selection of the best compositions of lactic acid bacteria and essential oils against <i>Salmonella enterica</i> . <i>Poultry Science</i> , 2020, 99, 4065-4076.   | 3.4 | 21        |
| 35 | Parameters of rye, wheat, barley, and oat sourdoughs fermented with <i>Lactobacillus plantarum</i> LUHS135 that influence the quality of mixed rye-wheat bread, including acrylamide formation. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1473-1482.  | 2.7 | 20        |
| 36 | Development and optimization of confirmatory liquid chromatography-Orbitrap mass spectrometry method for the determination of 17 anticoccidials in poultry and eggs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 402-412.   | 2.8 | 20        |

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|----|---|------|-----------|
| 37 | Occurrence of glyphosate in beer from the Latvian market. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1767-1775.   | 2.3  | 19        |
| 38 | The effects of ultrasonication, fermentation with <i>Lactobacillus</i> sp., and dehydration on the chemical composition and microbial contamination of bovine colostrum. <i>Journal of Dairy Science</i> , 2018, 101, 6787-6798.  | 3.4  | 19        |
| 39 | Two-dimensional liquid chromatography - mass spectrometry as an effective tool for assessing a wide range of pharmaceuticals and biomarkers in wastewater-based epidemiology studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114295.   | 2.8  | 19        |
| 40 | Consumption trends of pharmaceuticals and psychoactive drugs in Latvia determined by the analysis of wastewater. <i>Water Research</i> , 2022, 221, 118800.   | 11.3 | 17        |
| 41 | Occurrence and risk assessment of mycotoxins, acrylamide, and furan in Latvian beer. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2018, 11, 126-137.   | 2.8  | 16        |
| 42 | Combination of Extrusion and Fermentation with <i>Lactobacillus plantarum</i> and <i>L. uvarum</i> Strains for Improving the Safety Characteristics of Wheat Bran. <i>Toxins</i> , 2021, 13, 163.   | 3.4  | 16        |
| 43 | Effect of fermented <i>Helianthus tuberosus</i> L. tubers on acrylamide formation and quality properties of wheat bread. <i>LWT - Food Science and Technology</i> , 2013, 54, 414-420.  | 5.2  | 15        |
| 44 | Challenges Associated with Byproducts Valorization – Comparison Study of Safety Parameters of Ultrasonicated and Fermented Plant-Based Byproducts. <i>Foods</i> , 2020, 9, 614.   | 4.3  | 15        |
| 45 | Development of a sensitive method for the determination of acrylamide in coffee using high-performance liquid chromatography coupled to a hybrid quadrupole Orbitrap mass spectrometer. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 170-179. | 2.3  | 14        |
| 46 | LC-MS/MS characterisation and determination of dansyl chloride derivatised glyphosate, aminomethylphosphonic acid (AMPA), and glufosinate in foods of plant and animal origin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1177, 122779.                    | 2.3  | 14        |
| 47 | The application of headspace gas chromatography coupled to tandem quadrupole mass spectrometry for the analysis of furan in baby food samples. <i>Food Chemistry</i> , 2016, 212, 20-26.  | 8.2  | 13        |
| 48 | Determination of pharmaceutical residues and assessment of their removal efficiency at the Daugavgrīva municipal wastewater treatment plant in Riga, Latvia. <i>Water Science and Technology</i> , 2017, 75, 387-396.   | 2.5  | 13        |
| 49 | Effect of heating method on the microbial levels and acrylamide in corn grits and subsequent use as functional ingredient for bread making. <i>Food and Bioprocess Technology</i> , 2018, 112, 22-30.   | 3.6  | 13        |
| 50 | Combination of Antimicrobial Starters for Feed Fermentation: Influence on Piglet Feces Microbiota and Health and Growth Performance, Including Mycotoxin Biotransformation in vivo. <i>Frontiers in Veterinary Science</i> , 2020, 7, 528990.   | 2.2  | 13        |
| 51 | Development and Validation of New Ultra-High-Performance Liquid Chromatography – Hybrid Quadrupole-Orbitrap Mass Spectrometry Method for Determination of Melatonin in Fruits. <i>Journal of Chromatographic Science</i> , 2016, 54, 977-984.   | 1.4  | 12        |
| 52 | The Influence of Scalded Flour, Fermentation, and Plants Belonging to Lamiaceae Family on the Wheat Bread Quality and Acrylamide Content. <i>Journal of Food Science</i> , 2018, 83, 1560-1568.   | 3.1  | 12        |
| 53 | Application of antifungal lactobacilli in combination with coatings based on apple processing by-products as a bio-preservative in wheat bread production. <i>Journal of Food Science and Technology</i> , 2019, 56, 2989-3000.   | 2.8  | 11        |
| 54 | The influence of combined extrusion and fermentation processes on the chemical and biosafety parameters of wheat bran. <i>LWT - Food Science and Technology</i> , 2021, 146, 111498.  | 5.2  | 11        |

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|----|---|-----|-----------|
| 55 | Varied Composition of Tocochromanols in Different Types of Bran: Rye, Wheat, Oat, Spelt, Buckwheat, Corn, and Rice. <i>International Journal of Food Properties</i> , 2016, 19, 1757-1764.  | 3.0 | 10        |
| 56 | High occurrence rates of enrofloxacin and ciprofloxacin residues in retail poultry meat revealed by an ultra-sensitive mass-spectrometric method, and antimicrobial resistance to fluoroquinolones in <i>Campylobacter</i> spp. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1107-1115. | 2.3 | 9         |
| 57 | Simultaneous screening and quantification of aminoglycoside antibiotics in honey using mixed-mode liquid chromatography with quadrupole time-of-flight mass spectroscopy with heated electrospray ionization. <i>Journal of Separation Science</i> , 2018, 41, 3186-3194.   | 2.5 | 9         |
| 58 | Influence of the addition of <i>Helianthus tuberosus</i> L. fermented with different lactobacilli on acrylamide content in biscuits. <i>International Journal of Food Science and Technology</i> , 2015, 50, 431-439.   | 2.7 | 8         |
| 59 | Evaluation of selected buffers for simultaneous determination of ionic and acidic pesticides including glyphosate using anion exchange chromatography with mass spectrometric detection. <i>Journal of Separation Science</i> , 2019, 42, 3077-3085.  | 2.5 | 8         |
| 60 | Recent applications of carbonaceous nanosorbents for the analysis of mycotoxins in food by liquid chromatography: a short review. <i>World Mycotoxin Journal</i> , 2019, 12, 31-43.   | 1.4 | 8         |
| 61 | Challenges of <i>Lactobacillus</i> fermentation in combination with acoustic screening for deoxynivalenol and deoxynivalenol conjugates reduction in contaminated wheat - based products. <i>Food Control</i> , 2022, 134, 108699.  | 5.5 | 8         |
| 62 | The Quality of Wheat Bread With Ultrasonicated and Fermented By-Products From Plant Drinks Production. <i>Frontiers in Microbiology</i> , 2021, 12, 652548.   | 3.5 | 7         |
| 63 | Mycotoxins in cereals and pulses harvested in Latvia by nanoLC-Orbitrap MS. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2021, 14, 115-123.  | 2.8 | 7         |
| 64 | Occurrence of polybrominated diphenyl ethers, perfluorinated compounds, and nonsteroidal anti-inflammatory drugs in freshwater mussels from Latvia. <i>Chemosphere</i> , 2018, 213, 507-516.  | 8.2 | 6         |
| 65 | Improved sensitivity of ochratoxin A analysis in coffee using high-performance liquid chromatography with hybrid triple quadrupole-linear ion trap mass spectrometry (LC-QqQLIT-MS/MS). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-10.  | 2.3 | 5         |
| 66 | Direct injection Fourier transform ion cyclotron resonance mass spectrometric method for high throughput quantification of quinolones in poultry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113389.   | 2.8 | 5         |
| 67 | Application of Wastewater-Based Epidemiology for Tracking Human Exposure to Deoxynivalenol and Enniatins. <i>Toxins</i> , 2022, 14, 91.   | 3.4 | 5         |
| 68 | Qualitative fingerprinting of psychoactive pharmaceuticals, illicit drugs, and related human metabolites in wastewater: A year-long study from Riga, Latvia. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108110.   | 6.7 | 5         |
| 69 | Development of a Rapid Method for the Determination of Phenolic Antioxidants in Dark Chocolate Using Ultra Performance Liquid Chromatography Coupled to Orbitrap Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2019, 57, 434-442.  | 1.4 | 3         |
| 70 | Comparison of Tandem Quadrupole Mass Spectrometry and Orbitrap High Resolution Mass Spectrometry for Analysis of Pharmaceutical Residues in Biota Samples. <i>Materials Science and Applied Chemistry</i> , 2016, 33, .   | 0.2 | 2         |