# Agnieszka Waskiewicz

## List of Publications by Citations



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|---|---|---|---|
| 86 papers | 1,289 citations | 20 h-index | 30 g-index |
| 94 ext. papers | 1,746 ext. citations | 3.8 avg, IF | 5.19 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 86 | Occurrence of 26 Mycotoxins in the Grain of Cereals Cultivated in Poland. *Toxins*, **2016**, 8, | 4.9 | 76 |
| 85 | Recent Advances in Supercritical Fluid Extraction of Natural Bioactive Compounds from Natural Plant Materials. *Molecules*, **2020**, 25, | 4.8 | 60 |
| 84 | Modified Mycotoxins in Cereals and Their Products-Metabolism, Occurrence, and Toxicity: An Updated Review. *Molecules*, **2018**, 23, | 4.8 | 54 |
| 83 | Effect of Environmental Factors on Fusarium Species and Associated Mycotoxins in Maize Grain Grown in Poland. *PLoS ONE*, **2015**, 10, e0133644 | 3.7 | 52 |
| 82 | Potential health benefits and quality of dried fruits: Goji fruits, cranberries and raisins. *Food Chemistry*, **2017**, 221, 228-236 | 8.5 | 51 |
| 81 | Diversity of Fusarium species and mycotoxins contaminating pineapple. *Journal of Applied Genetics*, **2013**, 54, 367-80 | 2.5 | 40 |
| 80 | Fusarium proliferatum - Causal agent of garlic bulb rot in Spain: Genetic variability and mycotoxin production. *Food Microbiology*, **2017**, 67, 41-48 | 6 | 36 |
| 79 | Natural occurrence of fumonisins and ochratoxin A in some herbs and spices commercialized in Poland analyzed by UPLC-MS/MS method. *Food Microbiology*, **2013**, 36, 426-31 | 6 | 36 |
| 78 | Antifungal activity of selected essential oils against Fusarium culmorum and F. graminearum and their secondary metabolites in wheat seeds. *Archives of Microbiology*, **2019**, 201, 1085-1097 | 3 | 35 |
| 77 | Diversity of pea-associated F. proliferatum and F. verticillioides populations revealed by FUM1 sequence analysis and fumonisin biosynthesis. *Toxins*, **2013**, 5, 488-503 | 4.9 | 34 |
| 76 | Sequence divergence of the enniatin synthase gene in relation to production of beauvericin and enniatins in Fusarium species. *Toxins*, **2013**, 5, 537-55 | 4.9 | 34 |
| 75 | Natural Occurrence of Nivalenol, Deoxynivalenol, and Deoxynivalenol-3-Glucoside in Polish Winter Wheat. *Toxins*, **2018**, 10, | 4.9 | 34 |
| 74 | Zearalenone in the Intestinal Tissues of Immature Gilts Exposed per os to Mycotoxins. *Toxins*, **2015**, 7, 3210-23 | 4.9 | 31 |
| 73 | Host extract modulates metabolism and fumonisin biosynthesis by the plant-pathogenic fungus Fusarium proliferatum. *International Journal of Food Microbiology*, **2015**, 193, 74-81 | 5.8 | 30 |
| 72 | The efficiency of lactic acid bacteria against pathogenic fungi and mycotoxins. *Arhiv Za Higijenu Rada I Toksikologiju*, **2018**, 69, 32-45 | 1.7 | 30 |
| 71 | Deoxynivalenol in the gastrointestinal tract of immature gilts under per os toxin application. *Toxins*, **2014**, 6, 973-87 | 4.9 | 29 |
| 70 | New insights regarding tocopherols in Arabica and Robusta species coffee beans: RP-UPLC-ESI/MSn and NP-HPLC/FLD study. *Journal of Food Composition and Analysis*, **2014**, 36, 117-123 | 4.1 | 28 |

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| 69 | Factors affecting tocopherol contents in coffee brews: NP-HPLC/FLD, RP-UPLC-ESI/MSn and spectroscopic study. *European Food Research and Technology*, **2014**, 238, 259-264 | 3.4 | 26 |
| 68 | CaCl2 treatment improves drought stress tolerance in barley (Hordeum vulgare L.). *Acta Physiologiae Plantarum*, **2017**, 39, 1 | 2.6 | 22 |
| 67 | Fusarium head blight incidence and mycotoxin accumulation in three durum wheat cultivars in relation to sowing date and density. *Die Naturwissenschaften*, **2017**, 105, 2 | 2 | 21 |
| 66 | Effects of polyphenols on volatile profile and acrylamide formation in a model wheat bread system. *Food Chemistry*, **2019**, 297, 125008 | 8.5 | 20 |
| 65 | The role of seasonality on the chemical composition, antioxidant activity and cytotoxicity of Polish propolis in human erythrocytes. *Revista Brasileira De Farmacognosia*, **2019**, 29, 301-308 | 2 | 20 |
| 64 | Degradation of Zearalenone by Essential Oils under In vitro Conditions. *Frontiers in Microbiology*, **2016**, 7, 1224 | 5.7 | 19 |
| 63 | Wildly Growing Asparagus (Asparagus officinalis L.) Hosts Pathogenic Fusarium Species and Accumulates Their Mycotoxins. *Microbial Ecology*, **2016**, 71, 927-37 | 4.4 | 17 |
| 62 | The Inhibitory Potential of Selected Essential Oils on spp. Growth and Mycotoxins Biosynthesis in Maize Seeds. *Pathogens*, **2019**, 9, | 4.5 | 17 |
| 61 | Mycotoxins biosynthesized by plant-derived Fusarium isolates. *Arhiv Za Higijenu Rada I Toksikologiju* , **2012**, 63, 437-46 | 1.7 | 16 |
| 60 | Zearalenone contamination of the aquatic environment as a result of its presence in crops. *Arhiv Za Higijenu Rada I Toksikologiju*, **2012**, 63, 429-35 | 1.7 | 16 |
| 59 | Co-occurrence of nivalenol, deoxynivalenol and deoxynivalenol-3-glucoside in beer samples. *Food Control*, **2018**, 92, 319-324 | 6.2 | 16 |
| 58 | Effects of pH and Temperature on the Stability of Fumonisins in Maize Products. *Toxins*, **2017**, 9, | 4.9 | 15 |
| 57 | Deoxynivalenol and oxidative stress indicators in winter wheat inoculated with Fusarium graminearum. *Toxins*, **2014**, 6, 575-91 | 4.9 | 15 |
| 56 | Toxigenic Fusarium species infecting wheat heads in Poland. *Open Life Sciences*, **2014**, 9, 163-172 | 1.2 | 14 |
| 55 | Positive and negative aspects of green coffee consumption□□antioxidant activity versus mycotoxins. *Journal of the Science of Food and Agriculture*, **2017**, 97, 4022-4028 | 4.3 | 13 |
| 54 | The Efficiency of Deoxynivalenol Degradation by Essential Oils under In Vitro Conditions. *Foods*, **2019**, 8, | 4.9 | 12 |
| 53 | The Possibility of Propolis Extract Application in Wood Protection. *Forests*, **2020**, 11, 465 | 2.8 | 12 |
| 52 | Fusarium proliferatum strains change fumonisin biosynthesis and accumulation when exposed to host plant extracts. *Fungal Biology*, **2016**, 120, 884-93 | 2.8 | 12 |

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| 51 | Nonenzymatic Antioxidants in Plants **2014**, 201-234 | | 12 |
| 50 | The Effect of Blueberries on the Oxidative Stability of Pork Meatloaf During Chilled Storage. *Journal of Food Processing and Preservation*, **2016**, 40, 899-909 | 2.1 | 12 |
| 49 | Contamination of Wheat Cultivated in Various Regions of Poland during 2017 and 2018 Agricultural Seasons with Selected Trichothecenes and Their Modified Forms. *Toxins*, **2019**, 11, | 4.9 | 11 |
| 48 | Chemical composition of maize stover fraction versus methane yield and energy value in fermentation process. *Energy*, **2020**, 198, 117258 | 7.9 | 11 |
| 47 | Mycotoxin levels in the digestive tissues of immature gilts exposed to zearalenone and deoxynivalenol. *Toxicon*, **2018**, 153, 1-11 | 2.8 | 11 |
| 46 | Remodeling of chloroplast proteome under salinity affects salt tolerance of Festuca arundinacea. *Photosynthesis Research*, **2018**, 137, 475-492 | 3.7 | 11 |
| 45 | Production of Nanocellulose by Enzymatic Treatment for Application in Polymer Composites. *Materials*, **2021**, 14, | 3.5 | 11 |
| 44 | Occurrence of Mycotoxigenic Species and Competitive Fungi on Preharvest Maize Ear Rot in Poland. *Toxins*, **2019**, 11, | 4.9 | 10 |
| 43 | Occurrence of fungal metabolites--fumonisins at the ng/L level in aqueous environmental samples. *Science of the Total Environment*, **2015**, 524-525, 394-9 | 10.2 | 10 |
| 42 | Evaluation of critical points of mould growth and mycotoxin production in the stored barley ecosystem with a hazardous initial microbiological state of grain. *Journal of Stored Products Research*, **2018**, 77, 166-176 | 2.5 | 10 |
| 41 | ABA: Role in Plant Signaling Under Salt Stress **2013**, 175-196 | | 10 |
| 40 | Effect of the Solvent on Propolis Phenolic Profile and its Antifungal, Antioxidant, and In Vitro Cytoprotective Activity in Human Erythrocytes Under Oxidative Stress. *Molecules*, **2020**, 25, | 4.8 | 10 |
| 39 | Fusarium Species and Mycotoxins Contaminating Veterinary Diets for Dogs and Cats. *Microorganisms*, **2019**, 7, | 4.9 | 9 |
| 38 | Role of Glutathione in Abiotic Stress Tolerance **2014**, 149-181 | | 9 |
| 37 | Fusariotoxins in asparagus - their biosynthesis and migration. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2013**, 30, 1332-8 | 3.2 | 9 |
| 36 | The Impacts of Asparagus Extract Fractions on Growth and Fumonisins Biosynthesis in Fusarium Proliferatum. *Toxins*, **2020**, 12, | 4.9 | 8 |
| 35 | The role of wastewater treatment in reducing pollution of surface waters with zearalenone. *Arhiv Za Higijenu Rada I Toksikologiju*, **2015**, 66, 159-64 | 1.7 | 8 |
| 34 | Impact of fat and selected profiles of fatty acids contained in the colostrum and milk of sows of native breeds on piglet rearing. *Animal Science Journal*, **2015**, 86, 83-91 | 1.8 | 7 |

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| 33 | Selected Trichothecenes in Barley Malt and Beer from Poland and an Assessment of Dietary Risks Associated with their Consumption. *Toxins*, **2019**, 11, | 4.9 | 7 |
| 32 | Lignans in triticale grain and triticale products. *Journal of Cereal Science*, **2020**, 93, 102939 | 3.8 | 7 |
| 31 | Differences in Ear Rot Resistance and -Produced Fumonisin Contamination Between Polish Currently and Historically Used Maize Inbred Lines. *Frontiers in Microbiology*, **2019**, 10, 449 | 5.7 | 6 |
| 30 | Cyclodepsipeptide Mycotoxins: Chemistry, Biosynthesis, and Occurrence. *Toxins*, **2020**, 12, | 4.9 | 6 |
| 29 | Enzymatic hydrolysis of cellulose using extracts from insects. *Carbohydrate Research*, **2019**, 485, 107811 | 2.9 | 5 |
| 28 | Transformations of Selected Toxins and Their Modified Forms During Malt Loaf Production. *Toxins*, **2020**, 12, | 4.9 | 5 |
| 27 | The Role of Saccharides in the Mechanisms of Pathogenicity of f. sp. in Yellow Lupine ( L.). *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 5 |
| 26 | The effect of fertiliser treatments on the severity of Fusarium head blight and mycotoxin biosynthesis in winter rye. *Arhiv Za Higijenu Rada I Toksikologiju*, **2017**, 68, 16-26 | 1.7 | 4 |
| 25 | Water stress and vegetable crops **2016**, 393-411 | | 4 |
| 24 | Participation of Phytohormones in Adaptation to Salt Stress **2016**, 75-115 | | 4 |
| 23 | Ergosterol and Fusarium mycotoxins content in two maize cultivars under different forms of nitrogen fertilizers. *Journal of Phytopathology*, **2019**, 167, 516-526 | 1.8 | 4 |
| 22 | Using a Protective Treatment to Reduce Fusarium Pathogens and Mycotoxins Contaminating Winter Wheat Grain. *Polish Journal of Environmental Studies*, **2017**, 26, 2277-2286 | 2.3 | 4 |
| 21 | Can Ergosterol Be an Indicator ofFusariumFungi and Mycotoxins in Cereal Products?. *Journal of the Brazilian Chemical Society*, **2015**, | 1.5 | 4 |
| 20 | Cyclodepsipeptide Biosynthesis in Fungi and Sequence Divergence of The. *Pathogens*, **2020**, 9, | 4.5 | 4 |
| 19 | The Effect of Agrotechnical Factors on Fusarium Mycotoxins Level in Maize. *Agriculture (Switzerland)*, **2020**, 10, 528 | 3 | 4 |
| 18 | Chemical and Structural Characterization of Maize Stover Fractions in Aspect of Its Possible Applications. *Materials*, **2021**, 14, | 3.5 | 4 |
| 17 | Antioxidant Activity and Bioactive Compounds of Lamium album Flower Extracts Obtained by Supercritical Fluid Extraction. *Applied Sciences (Switzerland)*, **2021**, 11, 7419 | 2.6 | 4 |
| 16 | Preliminary study of acrylamide monomer decomposition during methane fermentation of dairy waste sludge. *Journal of Environmental Sciences*, **2016**, 45, 108-14 | 6.4 | 3 |

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| 15 | Major Phytohormones Under Abiotic Stress **2014**, 87-135 | | 3 |
| 14 | Plant-pathogen interactions during infection process of asparagus with Fusarium spp.. *Open Life Sciences*, **2013**, 8, 1065-1076 | 1.2 | 3 |
| 13 | The Effect of Biostimulants on the Health Status and Content of Chlorogenic Acids in Potato Tubers (Solanum Tuberosum L.) with Colored Flesh. *Gesunde Pflanzen*, **2019**, 71, 45-60 | 1.9 | 2 |
| 12 | Effect of residual monomer from polyacrylamide on head lettuce grown in peat substrate. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2015**, 32, 2113-9 | 3.2 | 2 |
| 11 | Changes in composition of phenolic compounds and tocopherols in broccoli heads during short-term storage. *?wno?*, **2016**, 106, 127-139 | 1.6 | 2 |
| 10 | Effects of Secondary Metabolites from Pea on Growth and Mycotoxin Biosynthesis.. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7, | 5.6 | 2 |
| 9 | Divergence of Beauvericin Synthase Gene among and Species. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6, | 5.6 | 2 |
| 8 | Induction of lytic Enzymes by Extracts from Resistant and Susceptible Cultivars of Pea ( L.). *Pathogens*, **2020**, 9, | 4.5 | 1 |
| 7 | and Associated with Maize Seeds and Their Potential to Form Selected Secondary Metabolites. *Biomolecules*, **2021**, 11, | 5.9 | 1 |
| 6 | In Vitro Effects of Lemon Balm Extracts in Reducing the Growth and Mycotoxins Biosynthesis of Fusarium culmorum and F. proliferatum. *Toxins*, **2022**, 14, 355 | 4.9 | 1 |
| 5 | The Concentration-Dependent Effects of Essential Oils on the Growth of Fusarium graminearum and Mycotoxins Biosynthesis in Wheat and Maize Grain. *Applied Sciences (Switzerland)*, **2022**, 12, 473 | 2.6 | 0 |
| 4 | Antioxidant, Antimicrobial and Antibiofilm Properties of Glechoma hederacea Extracts Obtained by Supercritical Fluid Extraction, Using Different Extraction Conditions. *Applied Sciences (Switzerland)*, **2022**, 12, 3572 | 2.6 | 0 |
| 3 | Soybean **2017**, 102-122 | | |
| 2 | Effects of unextruded and extruded cranberry pomace on selected metabolic parameters in high-fat diet fed rats. *Acta Scientiarum Polonorum, Technologia Alimentaria*, **2018**, 17, 91-100 | 1 | |
| 1 | The Effect of Foliar Fertilization with Micronutrients on Disease Severity and Mycotoxin Concentrations in the Grain of Winter Spelt (Triticum aestivum spp. spelta L.): A Case Study. *Agronomy*, **2021**, 11, 678 | 3.6 | |