

# Agnieszka Waskiewicz

## List of Publications by Year in Descending Order

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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.

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	The Concentration-Dependent Effects of Essential Oils on the Growth of <i>Fusarium graminearum</i> and Mycotoxins Biosynthesis in Wheat and Maize Grain. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 473	2.6	0
85	Antioxidant, Antimicrobial and Antibiofilm Properties of <i>Glechoma hederacea</i> Extracts Obtained by Supercritical Fluid Extraction, Using Different Extraction Conditions. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3572	2.6	0
84	In Vitro Effects of Lemon Balm Extracts in Reducing the Growth and Mycotoxins Biosynthesis of <i>Fusarium culmorum</i> and <i>F. proliferatum</i> . <i>Toxins</i> , <b>2022</b> , 14, 355	4.9	1
83	Effects of Secondary Metabolites from Pea on Growth and Mycotoxin Biosynthesis.. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	2
82	Chemical and Structural Characterization of Maize Stover Fractions in Aspect of Its Possible Applications. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
81	The Effect of Foliar Fertilization with Micronutrients on Disease Severity and Mycotoxin Concentrations in the Grain of Winter Spelt ( <i>Triticum aestivum</i> spp. <i>spelta</i> L.): A Case Study. <i>Agronomy</i> , <b>2021</b> , 11, 678	3.6	
80	Production of Nanocellulose by Enzymatic Treatment for Application in Polymer Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	11
79	and Associated with Maize Seeds and Their Potential to Form Selected Secondary Metabolites. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
78	Antioxidant Activity and Bioactive Compounds of <i>Lamium album</i> Flower Extracts Obtained by Supercritical Fluid Extraction. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7419	2.6	4
77	Transformations of Selected Toxins and Their Modified Forms During Malt Loaf Production. <i>Toxins</i> , <b>2020</b> , 12,	4.9	5
76	The Impacts of Asparagus Extract Fractions on Growth and Fumonisin Biosynthesis in <i>Fusarium Proliferatum</i> . <i>Toxins</i> , <b>2020</b> , 12,	4.9	8
75	The Possibility of Propolis Extract Application in Wood Protection. <i>Forests</i> , <b>2020</b> , 11, 465	2.8	12
74	Chemical composition of maize stover fraction versus methane yield and energy value in fermentation process. <i>Energy</i> , <b>2020</b> , 198, 117258	7.9	11
73	The Role of Saccharides in the Mechanisms of Pathogenicity of <i>f. sp.</i> in Yellow Lupine (L.). <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
72	Cyclodepsipeptide Biosynthesis in Fungi and Sequence Divergence of The. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	4
71	The Effect of Agrotechnical Factors on <i>Fusarium</i> Mycotoxins Level in Maize. <i>Agriculture (Switzerland)</i> , <b>2020</b> , 10, 528	3	4
70	Induction of lytic Enzymes by Extracts from Resistant and Susceptible Cultivars of Pea (L.). <i>Pathogens</i> , <b>2020</b> , 9,	4.5	1

69	Divergence of Beauvericin Synthase Gene among and Species. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	2
68	Effect of the Solvent on Propolis Phenolic Profile and its Antifungal, Antioxidant, and In Vitro Cytoprotective Activity in Human Erythrocytes Under Oxidative Stress. <i>Molecules</i> , <b>2020</b> , 25,	4.8	10
67	Recent Advances in Supercritical Fluid Extraction of Natural Bioactive Compounds from Natural Plant Materials. <i>Molecules</i> , <b>2020</b> , 25,	4.8	60
66	Cyclodepsipeptide Mycotoxins: Chemistry, Biosynthesis, and Occurrence. <i>Toxins</i> , <b>2020</b> , 12,	4.9	6
65	Lignans in triticale grain and triticale products. <i>Journal of Cereal Science</i> , <b>2020</b> , 93, 102939	3.8	7
64	The Efficiency of Deoxynivalenol Degradation by Essential Oils under In Vitro Conditions. <i>Foods</i> , <b>2019</b> , 8,	4.9	12
63	Enzymatic hydrolysis of cellulose using extracts from insects. <i>Carbohydrate Research</i> , <b>2019</b> , 485, 107811	2.9	5
62	The Effect of Biostimulants on the Health Status and Content of Chlorogenic Acids in Potato Tubers ( <i>Solanum Tuberosum</i> L.) with Colored Flesh. <i>Gesunde Pflanzen</i> , <b>2019</b> , 71, 45-60	1.9	2
61	Fusarium Species and Mycotoxins Contaminating Veterinary Diets for Dogs and Cats. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	9
60	Contamination of Wheat Cultivated in Various Regions of Poland during 2017 and 2018 Agricultural Seasons with Selected Trichothecenes and Their Modified Forms. <i>Toxins</i> , <b>2019</b> , 11,	4.9	11
59	Effects of polyphenols on volatile profile and acrylamide formation in a model wheat bread system. <i>Food Chemistry</i> , <b>2019</b> , 297, 125008	8.5	20
58	Antifungal activity of selected essential oils against <i>Fusarium culmorum</i> and <i>F. graminearum</i> and their secondary metabolites in wheat seeds. <i>Archives of Microbiology</i> , <b>2019</b> , 201, 1085-1097	3	35
57	Occurrence of Mycotoxigenic Species and Competitive Fungi on Preharvest Maize Ear Rot in Poland. <i>Toxins</i> , <b>2019</b> , 11,	4.9	10
56	The role of seasonality on the chemical composition, antioxidant activity and cytotoxicity of Polish propolis in human erythrocytes. <i>Revista Brasileira De Farmacognosia</i> , <b>2019</b> , 29, 301-308	2	20
55	Differences in Ear Rot Resistance and -Produced Fumonisin Contamination Between Polish Currently and Historically Used Maize Inbred Lines. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 449	5.7	6
54	Ergosterol and Fusarium mycotoxins content in two maize cultivars under different forms of nitrogen fertilizers. <i>Journal of Phytopathology</i> , <b>2019</b> , 167, 516-526	1.8	4
53	The Inhibitory Potential of Selected Essential Oils on spp. Growth and Mycotoxins Biosynthesis in Maize Seeds. <i>Pathogens</i> , <b>2019</b> , 9,	4.5	17
52	Selected Trichothecenes in Barley Malt and Beer from Poland and an Assessment of Dietary Risks Associated with their Consumption. <i>Toxins</i> , <b>2019</b> , 11,	4.9	7

51	The efficiency of lactic acid bacteria against pathogenic fungi and mycotoxins. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2018</b> , 69, 32-45	1.7	30
50	Modified Mycotoxins in Cereals and Their Products-Metabolism, Occurrence, and Toxicity: An Updated Review. <i>Molecules</i> , <b>2018</b> , 23,	4.8	54
49	Evaluation of critical points of mould growth and mycotoxin production in the stored barley ecosystem with a hazardous initial microbiological state of grain. <i>Journal of Stored Products Research</i> , <b>2018</b> , 77, 166-176	2.5	10
48	Mycotoxin levels in the digestive tissues of immature gilts exposed to zearalenone and deoxynivalenol. <i>Toxicon</i> , <b>2018</b> , 153, 1-11	2.8	11
47	Remodeling of chloroplast proteome under salinity affects salt tolerance of <i>Festuca arundinacea</i> . <i>Photosynthesis Research</i> , <b>2018</b> , 137, 475-492	3.7	11
46	Effects of unextruded and extruded cranberry pomace on selected metabolic parameters in high-fat diet fed rats. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2018</b> , 17, 91-100	1	
45	Natural Occurrence of Nivalenol, Deoxynivalenol, and Deoxynivalenol-3-Glucoside in Polish Winter Wheat. <i>Toxins</i> , <b>2018</b> , 10,	4.9	34
44	Co-occurrence of nivalenol, deoxynivalenol and deoxynivalenol-3-glucoside in beer samples. <i>Food Control</i> , <b>2018</b> , 92, 319-324	6.2	16
43	Soybean <b>2017</b> , 102-122		
42	Positive and negative aspects of green coffee consumption—antioxidant activity versus mycotoxins. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 4022-4028	4.3	13
41	<i>Fusarium proliferatum</i> - Causal agent of garlic bulb rot in Spain: Genetic variability and mycotoxin production. <i>Food Microbiology</i> , <b>2017</b> , 67, 41-48	6	36
40	The effect of fertiliser treatments on the severity of <i>Fusarium</i> head blight and mycotoxin biosynthesis in winter rye. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2017</b> , 68, 16-26	1.7	4
39	CaCl <sub>2</sub> treatment improves drought stress tolerance in barley ( <i>Hordeum vulgare</i> L.). <i>Acta Physiologiae Plantarum</i> , <b>2017</b> , 39, 1	2.6	22
38	<i>Fusarium</i> head blight incidence and mycotoxin accumulation in three durum wheat cultivars in relation to sowing date and density. <i>Die Naturwissenschaften</i> , <b>2017</b> , 105, 2	2	21
37	Potential health benefits and quality of dried fruits: Goji fruits, cranberries and raisins. <i>Food Chemistry</i> , <b>2017</b> , 221, 228-236	8.5	51
36	Effects of pH and Temperature on the Stability of Fumonisin in Maize Products. <i>Toxins</i> , <b>2017</b> , 9,	4.9	15
35	Using a Protective Treatment to Reduce <i>Fusarium</i> Pathogens and Mycotoxins Contaminating Winter Wheat Grain. <i>Polish Journal of Environmental Studies</i> , <b>2017</b> , 26, 2277-2286	2.3	4
34	Water stress and vegetable crops <b>2016</b> , 393-411		4

33	Participation of Phytohormones in Adaptation to Salt Stress <b>2016</b> , 75-115		4
32	<i>Fusarium proliferatum</i> strains change fumonisin biosynthesis and accumulation when exposed to host plant extracts. <i>Fungal Biology</i> , <b>2016</b> , 120, 884-93	2.8	12
31	Preliminary study of acrylamide monomer decomposition during methane fermentation of dairy waste sludge. <i>Journal of Environmental Sciences</i> , <b>2016</b> , 45, 108-14	6.4	3
30	Wildly Growing Asparagus ( <i>Asparagus officinalis</i> L.) Hosts Pathogenic <i>Fusarium</i> Species and Accumulates Their Mycotoxins. <i>Microbial Ecology</i> , <b>2016</b> , 71, 927-37	4.4	17
29	Changes in composition of phenolic compounds and tocopherols in broccoli heads during short-term storage. <i>Food Chemistry</i> , <b>2016</b> , 106, 127-139	1.6	2
28	Occurrence of 26 Mycotoxins in the Grain of Cereals Cultivated in Poland. <i>Toxins</i> , <b>2016</b> , 8,	4.9	76
27	Degradation of Zearalenone by Essential Oils under In vitro Conditions. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1224	5.7	19
26	The Effect of Blueberries on the Oxidative Stability of Pork Meatloaf During Chilled Storage. <i>Journal of Food Processing and Preservation</i> , <b>2016</b> , 40, 899-909	2.1	12
25	Occurrence of fungal metabolites--fumonisins at the ng/L level in aqueous environmental samples. <i>Science of the Total Environment</i> , <b>2015</b> , 524-525, 394-9	10.2	10
24	Impact of fat and selected profiles of fatty acids contained in the colostrum and milk of sows of native breeds on piglet rearing. <i>Animal Science Journal</i> , <b>2015</b> , 86, 83-91	1.8	7
23	Host extract modulates metabolism and fumonisin biosynthesis by the plant-pathogenic fungus <i>Fusarium proliferatum</i> . <i>International Journal of Food Microbiology</i> , <b>2015</b> , 193, 74-81	5.8	30
22	The role of wastewater treatment in reducing pollution of surface waters with zearalenone. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2015</b> , 66, 159-64	1.7	8
21	Zearalenone in the Intestinal Tissues of Immature Gilts Exposed per os to Mycotoxins. <i>Toxins</i> , <b>2015</b> , 7, 3210-23	4.9	31
20	Effect of Environmental Factors on <i>Fusarium</i> Species and Associated Mycotoxins in Maize Grain Grown in Poland. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133644	3.7	52
19	Effect of residual monomer from polyacrylamide on head lettuce grown in peat substrate. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 2113-9	3.2	2
18	Can Ergosterol Be an Indicator of <i>Fusarium</i> Fungi and Mycotoxins in Cereal Products?. <i>Journal of the Brazilian Chemical Society</i> , <b>2015</b> ,	1.5	4
17	Factors affecting tocopherol contents in coffee brews: NP-HPLC/FLD, RP-UPLC-ESI/MSn and spectroscopic study. <i>European Food Research and Technology</i> , <b>2014</b> , 238, 259-264	3.4	26
16	Toxigenic <i>Fusarium</i> species infecting wheat heads in Poland. <i>Open Life Sciences</i> , <b>2014</b> , 9, 163-172	1.2	14

15	Major Phytohormones Under Abiotic Stress <b>2014</b> , 87-135		3
14	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> , <b>2014</b> , 36, 117-123	4.1	28
13	Role of Glutathione in Abiotic Stress Tolerance <b>2014</b> , 149-181		9
12	Nonenzymatic Antioxidants in Plants <b>2014</b> , 201-234		12
11	Deoxynivalenol and oxidative stress indicators in winter wheat inoculated with <i>Fusarium graminearum</i> . <i>Toxins</i> , <b>2014</b> , 6, 575-91	4.9	15
10	Deoxynivalenol in the gastrointestinal tract of immature gilts under per os toxin application. <i>Toxins</i> , <b>2014</b> , 6, 973-87	4.9	29
9	Diversity of <i>Fusarium</i> species and mycotoxins contaminating pineapple. <i>Journal of Applied Genetics</i> , <b>2013</b> , 54, 367-80	2.5	40
8	Plant-pathogen interactions during infection process of asparagus with <i>Fusarium</i> spp.. <i>Open Life Sciences</i> , <b>2013</b> , 8, 1065-1076	1.2	3
7	Natural occurrence of fumonisins and ochratoxin A in some herbs and spices commercialized in Poland analyzed by UPLC-MS/MS method. <i>Food Microbiology</i> , <b>2013</b> , 36, 426-31	6	36
6	ABA: Role in Plant Signaling Under Salt Stress <b>2013</b> , 175-196		10
5	Diversity of pea-associated <i>F. proliferatum</i> and <i>F. verticillioides</i> populations revealed by FUM1 sequence analysis and fumonisin biosynthesis. <i>Toxins</i> , <b>2013</b> , 5, 488-503	4.9	34
4	Sequence divergence of the enniatin synthase gene in relation to production of beauvericin and enniatins in <i>Fusarium</i> species. <i>Toxins</i> , <b>2013</b> , 5, 537-55	4.9	34
3	Fusariotoxins in asparagus - their biosynthesis and migration. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 1332-8	3.2	9
2	Mycotoxins biosynthesized by plant-derived <i>Fusarium</i> isolates. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2012</b> , 63, 437-46	1.7	16
1	Zearalenone contamination of the aquatic environment as a result of its presence in crops. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2012</b> , 63, 429-35	1.7	16