BoÅ¼ena Åozowicka

List of Publications by Year
in descending order

61 papers	1,828 citations	257450 24 h-index	276875 41 g-index
61 all docs	61 docs citations	61 times ranked	2015 citing authors

#	Article	IF	Citations
1	Health risk for children and adults consuming apples with pesticide residue. Science of the Total Environment, 2015, 502, 184-198.	8.0	170
2	Pesticide residues in grain from Kazakhstan and potential health risks associated with exposure to detected pesticides. Food and Chemical Toxicology, 2014, 64, 238-248.	3.6	140
3	Soil biological activity as an indicator of soil pollution with pesticides â€“ A review. Applied Soil Ecology, 2020, 147, 103356.	4.3	121
4	Influence of QuEChERS modifications on recovery and matrix effect during the multi-residue pesticide analysis in soil by GC/MS/MS and GC/ECD/NPD. Environmental Science and Pollution Research, 2017, 24, 7124-7138.	5.3	107
5	Modification of Multiresidue QuEChERS Protocol to Minimize Matrix Effect and Improve Recoveries for Determination of Pesticide Residues in Dried Herbs Followed by GC-MS/MS. Food Analytical Methods, 2018, 11, 709-724.	2.6	100
6	Studies of pesticide residues in tomatoes and cucumbers from Kazakhstan and the associated health risks. Environmental Monitoring and Assessment, 2015, 187, 609.	2.7	78
7	Three approaches to minimize matrix effects in residue analysis of multiclass pesticides in dried complex matrices using gas chromatography tandem mass spectrometry. Food Chemistry, 2019, 279, 20-29.	8.2	73
8	Comprehensive toxicological study over 160 processing factors of pesticides in selected fruit and vegetables after water, mechanical and thermal processing treatments and their application to human health risk assessment. Science of the Total Environment, 2019, 652, 1156-1167.	8.0	61
9	Multiclass pesticide residue analysis in fish muscle and liver on one-step extraction-cleanup strategy coupled with liquid chromatography tandem mass spectrometry. Ecotoxicology and Environmental Safety, 2017, 138, 179-189.	6.0	58
10	Multi-residue methods for the determination of over four hundred pesticides in solid and liquid high sucrose content matrices by tandem mass spectrometry coupled with gas and liquid chromatograph. Talanta, 2016, 151, 51-61.	5.5	54
11	Synthesis and Hypolipidemic and Antiplatelet Activities of Î±-Asarone Isomers in Humans (in Vitro), Mice (in Vivo), and Rats (in Vivo). Journal of Medicinal Chemistry, 2000, 43, 3671-3676.	6.4	50
12	Rapid determination of acid herbicides in soil by liquid chromatography with tandem mass spectrometric detection based on dispersive solid phase extraction. Talanta, 2016, 152, 127-136.	5.5	47
13	The development, validation and application of a GC-dual detector (NPD-ECD) multi-pesticide residue method for monitoring bee poisoning incidents. Ecotoxicology and Environmental Safety, 2013, 97, 210-222.	6.0	46
14	The evaluation of a fast and simple pesticide multiresidue method in various herbs by gas chromatography. Journal of Natural Medicines, 2014, 68, 95-111.	2.3	43
15	One-Step QuEChERS-Based Approach to Extraction and Cleanup in Multiresidue Analysis of Sulfonylurea Herbicides in Cereals by Liquid Chromatographyâ€“Tandem Mass Spectrometry. Food Analytical Methods, 2017, 10, 147-160.	2.6	41
16	The fate of spirotetramat and dissipation metabolites in Apiaceae and Brassicaceae leaf-root and soil system under greenhouse conditions estimated by modified QuEChERS/LCâ€“MS/MS. Science of the Total Environment, 2017, 603-604, 178-184.	8.0	34
17	Evaluation of organochlorine pesticide residues in soil and plants from East Europe and Central Asia. Desalination and Water Treatment, 2016, 57, 1310-1321.	1.0	32
18	Estimating acute and chronic exposure of children and adults to chlorpyrifos in fruit and vegetables based on the new, lower toxicology data. Ecotoxicology and Environmental Safety, 2018, 159, 182-189.	6.0	32

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19	Systemic and non-systemic pesticides in apples from Kazakhstan and their impact on human health. Journal of Food Composition and Analysis, 2020, 90, 103494.	3.9	31
20	Pesticide residues in raspberries (Rubus idaeusL.) and dietary risk assessment. Food Additives and Contaminants: Part B Surveillance, 2012, 5, 165-171.	2.8	30
21	Liquid chromatographic determination of glyphosate and aminomethylphosphonic acid residues in rapeseed with MS/MS detection or derivatization/fluorescence detection. Open Chemistry, 2015, 13, .	1.9	28
22	Liquid Chromatographic MS/MS Analysis of a Large Group of Insecticides in Honey by Modified QuEChERS. Food Analytical Methods, 2018, 11, 2307-2319.	2.6	27
23	Feeding-deterrent activity of ?-asarone isomers against some stored Coleoptera. Pest Management Science, 2000, 56, 560-564.	3.4	26
24	The Study of Anti-/Pro-Oxidant, Lipophilic, Microbial and Spectroscopic Properties of New Alkali Metal Salts of 5-O-Caffeoylquinic Acid. International Journal of Molecular Sciences, 2018, 19, 463.	4.1	26
25	Compensation of matrix effects in seed matrices followed by gas chromatography-tandem mass spectrometry analysis of pesticide residues. Journal of Chromatography A, 2020, 1614, 460738.	3.7	25
26	Comprehensive analysis of insecticides in melliferous weeds and agricultural crops using a modified QuEChERS/LC-MS/MS protocol and of their potential risk to honey bees (Apis mellifera L.). Science of the Total Environment, 2019, 657, 16-27.	8.0	23
27	A novel approach for fast and simple determination pyrrolizidine alkaloids in herbs by ultrasound-assisted dispersive solid phase extraction method coupled to liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 187, 113351.	2.8	23
28	Analysis of 22 free amino acids in honey from Eastern Europe and Central Asia using LC-MS/MS technique without derivatization step. Journal of Food Composition and Analysis, 2021, 98, 103837.	3.9	22
29	Effect of microorganism on behaviour of two commonly used herbicides in wheat/soil system. Applied Soil Ecology, 2021, 162, 103879.	4.3	21
30	Toxicological studies for adults and children of insecticide residues with common mode of action (MoA) in pome, stone, berries and other small fruit. Science of the Total Environment, 2016, 566-567, 144-156.	8.0	20
31	Dissipation of S-metolachlor in plant and soil and effect on enzymatic activities. Environmental Monitoring and Assessment, 2017, 189, 355.	2.7	20
32	The influence of effective microorganisms (EM) and yeast on the degradation of strobilurins and carboxamides in leafy vegetables monitored by LC-MS/MS and health risk assessment. Environmental Monitoring and Assessment, 2016, 188, 64.	2.7	19
33	The processing factors of canning and pasteurization for the most frequently occurring fungicides and insecticides in apples and their application into dietary risk assessment. Food Chemistry, 2022, 371, 131179.	8.2	16
34	Impact of broad-spectrum pesticides used in the agricultural and forestry sector on the pesticide profile in wild boar, roe deer and deer and risk assessment for venison consumers. Science of the Total Environment, 2021, 784, 147215.	8.0	14
35	Effects of agricultural landscape structure, insecticide residues, and pollen diversity on the life-history traits of the red mason bee Osmia bicornis. Science of the Total Environment, 2022, 809, 151142.	8.0	14
36	Pesticide residues in berries fruits and juices and the potential risk for consumers. Desalination and Water Treatment, 2014, 52, 3804-3818.	1.0	13

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37	A global study of pesticides in bees: QuEChERS as a sample preparation methodology for their analysis â€“ Critical review and perspective. Science of the Total Environment, 2021, 792, 148385.	8.0	13
38	Metabolic profile and behavior of clethodim and spirotetramat in herbs during plant growth and processing under controlled conditions. Scientific Reports, 2020, 10, 1323.	3.3	13
39	Genotoxicity of Î±-asarone analogues. Bioorganic and Medicinal Chemistry, 2008, 16, 6069-6074.	3.0	12
40	Development of precise micro analytical tool to identify potential insecticide hazards to bees in guttation fluid using LCâ€“ESIâ€“MS/MS. Chemosphere, 2021, 263, 128143.	8.2	12
41	3D QSAR study of hypolipidemic asarones by comparative molecular surface analysis. Bioorganic and Medicinal Chemistry, 2006, 14, 1630-1643.	3.0	11
42	Long-Term Investigation and Health Risk Assessment of Multi-class Fungicide Residues in Fruits. Polish Journal of Environmental Studies, 2016, 25, 681-697.	1.2	11
43	Health risk analysis of pesticide residues in berry fruit from north-eastern Poland. Journal of Fruit and Ornamental Plant Research, 2012, 20, 83-95.	0.4	9
44	Health risk assessment of exposure to toxic elements resulting from consumption of dried wild-grown mushrooms available for sale. PLoS ONE, 2021, 16, e0252834.	2.5	8
45	Occurrence of pesticide residues in fruit from Podlasie (Poland) in 2012. Journal of Plant Protection Research, 2015, 55, 142-150.	1.0	7
46	Synthesis, characterization and biological activity of bifunctional ionic liquids based on dodine ion. Pest Management Science, 2022, 78, 446-455.	3.4	7
47	Structureâ€“Retention Relationship in a Series of Chiral 1,4-Disubstituted Piperazine Derivatives on Carbohydrate Chiral Stationary Phases. Il Farmaco, 2005, 60, 439-443.	0.9	6
48	Synthesis and antifeedant activity of novel alpha-asarone derivatives against stored-product pests. Pest Management Science, 2013, 69, 964-974.	3.4	6
49	Dissipation kinetics and processing behavior of boscalid and pyraclostrobin in greenhouse dill plant (<scp>Anethum graveolens</scp> L.) and soil. Pest Management Science, 2021, 77, 3349-3357.	3.4	5
50	Exposure of wild boars (Sus scrofa L) to neonicotinoid insecticides. Chemosphere, 2021, 279, 130519.	8.2	4
51	Uptake and reaction to roundup ultra 360 SL in soybean seedlings. Biologia (Poland), 2018, 73, 637-646.	1.5	3
52	Effects of supplementing laying hensâ€™ diets with vermiculite on morphometric parameters, chemical composition, fatty acid profile and egg production. Journal of Elementology, 2017, , .	0.2	3
53	Seasonal content of heavy metals in the "soilâ€“feedâ€“milkâ€“manure" system in horse husbandry in Kazakhstan. Veterinary World, 2021, 14, 2947-2956.	1.7	3
54	Microbial Diversity and P Content Changes after the Application of Sewage Sludge and Glyphosate to Soil. Minerals (Basel, Switzerland), 2021, 11, 1423.	2.0	3

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55	Study of lipophilicity of alpha-asarone derivatives and their deterrent activity against the Colorado potato beetle. Open Chemistry, 2013, 11, 2120-2133.	1.9	2
56	Biological and chemical protection of melon crops against Myiopardalis pardalina Bigot. Journal of Plant Diseases and Protection, 2019, 126, 359-366.	2.9	2
57	Comparison of the effects of water and thermal processing on pesticide removal in selected fruit and vegetables. Journal of Elementology, 2015, , .	0.2	2
58	Synthesis, antifeedant activity against Coleoptera and 3D QSAR study of alpha-asarone derivatives. SAR and QSAR in Environmental Research, 2014, 25, 173-188.	2.2	1
59	Ecological protection of fruit nurseries from pests in Kazakhstan. Journal of Biotechnology, 2017, 256, S58-S59.	3.8	0
60	Impact of DDT residues in feed on thyroid gland and liver secretory activity of Aberdeen-Angus cattle depending on cattle age and sex. Journal of Animal and Feed Sciences, 2020, 29, 306-315.	1.1	0
61	Vermikom feed additive effects on dairy cows' blood and milk parameters. Veterinary World, 0, , 1228-1236.	1.7	0