Wykaz publikacji IF za 2021 r.					
Lp.	**Nazwisko i imię**	**Tytuł publikacji**	**Czasopismo**	**IF**	**Punkty MNiSW**
1.	Wojciechowska N., Bagniewska - Zadworna A., **Minicka J.,** Michalak K., Kalemba E.	Localization and Dynamics of the Methionine Sulfoxide Reductases MsrB1 and MrsB2 in Beech Seeds	International Journal of Molecular Sciences 22,402	4,556	100
2.	**Krawczyk K**., Foryś J., Nakonieczny M., Tarnawska M., **Bereś P.**	Transmission of Pantoea ananatis, the causal agent of leaf spot disease of maize (Zea mays), by western corn rootworm (Diabrotica virgifera virgifera LeConte).	Crop Protection 141:105431 https://doi.org/10.1016/j.cropro.2020.105431. Available at: http://www.sciencedirect.com/science/article/pii/S0261219420303641.	2,381	100
3.	**Hrynko I., Łozowicka B., Kaczyński P.**	Development of precise micro analytical tool to identify potential insecticide hazards to bees in guttation fluid using LC–ESI–MS/MS.	Chemosphere 2021, 263: 128143 https://doi.org/10.1016/j.chemosphere.2020.128143	5,778	100
4.	**Kowalska J**., Tyburski J., **Krzymińska J., Jakubowska M.**	Effects of seed treatment with mustard meal in control of Fusarium culmorum Sacc. and the growth of common wheat (Triticum aestivum ssp. Vulgare)	European Journal of Plant Pathology 159(2), 327-338	1,582	100
5.	**Matysiak K**., Siatkowski I., **Kierzek R., Kowalska J., Krawczyk R.**	Effect of Foliar Applied Acetylsalicilic Acid on Wheat (Triticum aestivum L.) under Field Conditions	Agronomy 2020, 10(12), 1918; https://doi.org/10.3390/agronomy10121918	2,603	100
6.	Bryła M., Ksieniewicz-Woźniak E., Michałowska D., Waśkiewicz A., Yoshinari T., **Gwiazdowski R.**	Transformation of Selected Trichothecenes during the Wheat Malting Production	Toxins; 13 (2), 135: 1-11; doi.org/10.3390/toxins13020135	3,531	100

7.	**Tomalak M., Filipiak A.**	Effects of inter-specific crossbreeding between the invasive pine wood nematode, Bursaphelenchus xylophilus and native B. mucronatus on morphology and reproduction of the hybrid offspring	Forest Pathology, 2021;1-13:e12676 https://doi.org/10.1111/efp.12676	1,196	100
8.	**Łozowicka B.**, Wołejko E., **Kaczyński P., Konecki R., Iwaniuk P., Drągowski W**., Łozowicki J., Tujtebajeva G., Wydro U., Jablońska-Trypuć A.	Effect of microorganism on behaviour of two commonly used herbicides in wheat/soil system	Applied Soil Ecology, 2021, 162: 103879 https://doi.org/10.1016/j.apsoil.2020.103879	3,187	140
9.	**Łozowicka B., Kaczyński P., Iwaniuk P.**	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 https://doi.org/10.1016/j.jfca.2021.103837	3,721	100
10.	Li A., Derkho M.,Tuyakova R., **Iwaniuk P., Łozowicka B.**	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	1,15	40
11.	Clements J., Bradford B. Z., Garcia M., Piper S., Huang W., **Zwolińska A.**, Lamour K., Hogenhout S., Groves R.L	'Candidatus Phytoplasma asteris' subgroups display distinct disease progression dynamics during the carrot growing season	PLoS ONE, 16(2): e0239956 https://doi.org/10.1371/journal.pone.0239956	2,74	100

12.	Kuzdrowska K. A., Mioduchowska M., **Gawlak M.**, Bartylak T., Kepel A., Kepel M., Kaczmarek Ł.	Integrative description of Macrobiotus porifini sp. nov. (Macrobiotidae) from Madagascar and its phylogenetic position within the hufelandi group	The European Zoological Journal, 2021 Vol 88/1, s. 375-389 doi.org/10.1080/24750263.2021.1883752	1,468	140
13.	Kopec P. M., Mikolajczyk K., **Jajor E.**,Perek A., Nowakowska J., Obermeier Ch, Harmeet Singh Chawla, **Korbas M.**, Bartkowiak-Broda I., Karlowski W. M.	Local Duplication of TIR-NBS-LRR Gene Marks Clubroot Resistance in Brassica napus cv. Tosca	Front. Plant Sci., 08 April 2021 | https://doi.org/10.3389/fpls.2021.639631	4,402	100
14.	Mathioudakis, M.M.; Maliogka, V.I.; Candresse, T.; Nickel, O.; Fajardo, T.V.M.; **Budzyńska, D**.; **Hasiów-Jaroszewska, B**.; Katis, N.I.	Molecular Characterization of the Coat Protein Gene of Greek Apple Stem Pitting Virus Isolates: Evolution through Deletions, Insertions, and Recombination Events.	Plants 2021, 10, 917. https://doi.org/10.3390/plants10050917	2,762	70
15.	Dhir S., Mathioudakis MM., **Hasiów-Jaroszewska B.**	Serological and molecular analysis indicates the presence of distinct viral genotypes of Apple stem pitting virus in India.	3 Biotech 11, 278 https://doi.org/10.1007/s13205-021-02798-5	1,798	70
16.	**Kaczyński P**., **Łozowicka B**., Perkowski M., **Hrynko I.**, Zoń W.	Exposure of wild boars (Sus scrofa L) to neonicotinoid insecticides.	Chemosphere, 130519. Doi: 10.1016/j.chemosphere.2021.130519	5,778	100
17.	**Kaczyński P., Łozowicka B**., Perkowski M., **Hrynko I., Rutkowska E**., Skibko Z.	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 784, 147215. Doi: 10.1016/j.scitotenv.2021.147215	6,551	200

18.	**Trzmiel K**, Szydło W, **Hasiów-Jaroszewska B.**	Biological and molecular characterisation of the two Polish Wheat streak mosaic virus isolates and their transmission by wheat curl mites.	Plant Protection Science 57: 171–178 doi:10.17221/104/2020-PPS	1,13	100
19.	**Budziszewska M., Frąckowiak P., Obrępalska-Stęplowska A.**	Analysis of the role of Bradysia impatiens (Diptera: Sciaridae) as a vector transmitting peanut stunt virus on the model plant Nicotiana benthamiana	Cells 2021, 10(6), 1546; doi: 10.3390/cells10061546	4,366	140
20.	Shakiru Adewale Kazeem, Junichi Inaba, Yan Zhao, **Zwolinska A.**, Akindele O. Ogunfunmilayo, Olawale Arogundade, Wei Wei	Molecular identification and characterization of 'Candidatus Phytoplasma convolvuli'-related strains (representing a new 16SrXII-O subgroup) associated with papaya bunchy top disease in Nigeria.	Crop Protection 2021, 148: 105731 doi: https://doi.org/10.1016/j.cropro.2021.105731	2,381	100
21.	Redlarski A.J., **Klejdysz T.**, Kadej M., Meyza K., Vasiliţa C., Oleksa A.	Body Remains Left by Bird Predators as a Reliable Source for Population Genetic Studies in the Great Capricorn Beetle Cerambyx cerdo, a Veteran Oak Specialist.	Insects. 12: 574. https://doi.org/10.3390/insects12070574.	2,22	100
22.	**Wrzesińska B**., Zmienko A., Dai Vu L., De Smet I., **Obrępalska-Stęplowska A.**	Multiple cellular compartments engagement in Nicotiana benthamiana- peanut stunt biology approach.	Plant Cell Reports, 2021 vol 40, 1247-1267 doi:1-21.10.1007/s00299-021-02706-4	3,825	100
23.	Synowiec A., Jop B., Domaradzki K., Podsiadło C., Gawęda D.,Wacławowicz R., Wenda-Piesik A., Nowakowski M.M., Bocianowski J., **Marcinkowska K., Praczyk T.**	Environmental Factors Effects on Winter Wheat Competition with Herbicide-Resistant or Susceptible Silky Bentgrass (Apera spica-venti L.)	Agronomy 11(5) : 871. https://doi.org/10.3390/agronomy11050871	3,34	100

24.	**Trzmiel K.**	Duplex-RT-PCR assay for the simultaneous detection and discrimination of Brome mosaic virus and Cocksfoot mottle virus in cereal plants.	Molecular Biology Reports 10.1007/s11033-021-06485-9	2,316	70
25.	Petrzik K., Brazdova S., **Krawczyk K.**	Novel Viruses That Lyse Plant and Human Strains of Kosakonia cowanii	Viruses 2021, 13, 1418. https://doi.org/10.3390/v13081418	5,048	100
26.	**Hrynko I., Łozowicka B., Kaczyński P.**	A global study of pesticides in bees: QuEChERS as a sample preparation methodology for their analysis – Critical review and perspective.	Science of the Total Environment 792, 148385. Doi: 10.1016/j.scitotenv.2021.148385.	6,551	200
27.	**Budzyńska D, Hasiów-Jaroszewska B**, Elena SF.	Genetic variability and evolutionary dynamics of tomato black ring virus population.	Plant Pathology https://doi.org/10.1111/ppa.13382	2,59	140
28.	**Kowalska J.**,Tyburski J.,**Matysiak K., Jakubowska M., Łukaszyk J., Krzymińska J.**	Cinnamon as a Useful Preventive Substance for the Care of Human and Plant Health	Molecules 26, no. 17: 5299. https://doi.org/10.3390/molecules 26175299	4,411	100
29.	Wójtowicz M, **Wójtowicz A.**	The effect of climate change on linolenic fatty acid in oilseed rape.	Agronomy 2020, 10(12), 2003; https://doi.org/10.3390/agronomy10122003	3,417	100
30.	**Hasiów-Jaroszewska B**., Boezen D., Zwart M.P.	Metagenomic Studies of Viruses in Weeds and Wild Plants: A Powerful Approach to Characterise Variable Virus Communities.	Viruses 2021, 13, 1939. https://doi.org/10.3390/v13101939	5,048	100
31.	**Wielkopolan B., Jakubowska M., Obrępalska-Stęplowska A.**	Beetles as plant pathogen vectors	Frontiers in Plant Science 12:748093. doi: 10.3389/fpls.2021.748093	5,753	100

32.	Mazurkiewicz A., **Jakubowska M.,** Tumialis D., Bocianowski J., **Roik K.**	Foliar application of entomopathogenic nematodes against Cereal Leaf Beetle Oulema melanopus L. (Coleoptera:Chrysomelidae) on wheat	Agronomy, 11, 1662 https://doi.org/10.3390/agronomy11081662	3,417	100
33.	**Wielkopolan B.**, Krawczyk K., Szabelska-Beręsewicz A., **Obrępalska-Stęplowska A.**	The structure of the cereal leaf beetle (Oulema melanopus) microbiome depends on the insect`s developmental stage, host plant, and origin	Scientific Reports, DOI: 10.1038/s41598-021-99411-9	4,379	140
34.	**Przybylska A**., Spychalski M.	Changes in the expression level of genes encoding transcription factors and cell wall-related proteins during Meloidogyne arenaria infection of maize (Zea mays).	Molecular Biology Reports, 1-8. DOI: 10.1007/s11033-021-06677-3	2,316	70
35.	**Zwolińska A., Borodynko-Filas N.**	Intra- and extra-genomic variation between 16S rRNA genes found in 16SrI-B related phytopathogenic phytoplasma strains.	Annals of Applied Biology 2021, 179(3),368-381 https://doi.org/10.1111/aab.12722	2,75	100
36.	Komorowska B., **Hasiów-Jaroszewska B., Budzyńska D.**	Genetic variability and molecular evolution of arabis mosaic virus based on the coat protein gene sequence.	Plant Pathology, 00, 1– 10. https://doi.org/10.1111/ppa.13447	2,59	140
37.	Kubiak A., Żółtowska S., **Gabała E.**, Szybowicz M., Siwińska-Ciesielczyk K., Jesionowski T.	Controlled microwave-assisted and pH-affected growth of ZnO structures and their photocatalytic performance	Powder Technology, 2021: 386: 221-235	4,142	140

38.	Kubiak A.,Zółtowska S., Bartkowiak A., **Gabała E**., Sacharczuk N., Zalas M., Siwińska-Ciesielczyk K., Jesionowski T.	The TiO2-ZnO Systems with Multifunctional Applications in Photoactive Processes—Efficient Photocatalyst under UV-LED Light and Electrode Materials in DSSCs	Materials 14(20):1-26, 6063	3,623	140
39.	**Budziszewska M., Wieczorek P.**	A Novel Distinct Genetic Variant of Tomato Torrado Virus with Substantially Shorter RNA1-Specific 3'Untranslated Region (3'UTR)	Plants 2021 Nov 13;10(11):2454. doi: 10.3390/plants10112454.	3,935	70
40.	Stankiewicz-Kosyl M., Haliniarz M., Wrochna M., Synowiec A., Wenda-Piesik A., Tendziagolska E., Sobolewska M.,Domaradzki K., Skrzypczak G., Łykowski W., Krysiak M., Bednarczyk M., **Marcinkowska K.**	Herbicide Resistance of Centaurea cyanus L. in Poland in the context of its management	Agronomy 2021, 11(10), 1954; https://doi.org/10.3390/agronomy11101954	3,417	100
41.	**Wrzesińska B**., Kościelniak K., **Frąckowiak P., Praczyk T., Obrępalska-Stęplowska A.**	The analysis of reference genes expression stability in susceptible and resistant Apera spica-venti populations under herbicide treatment	Scientific Reports volume 11, Article number: 22145 (2021)	4,379	140
42.	**Wrzesińska B., Praczyk T.**	Genetic Variability of Acetolactate Synthase (ALS) Sequence in Centaurea cyanus Plants Resistant and Susceptible to Tribenuron-Methyl	Agronomy 2021, 11(11), 2311; https://doi.org/10.3390/agronomy11112311	3,417	100
43.	Kozhanova N., Sarsembayeva N., **Łozowicka B**., Kozhanov Z.	Seasonal content of heavy metals in the "soil–feed–milk–manure" system in horse husbandry in Kazakhstan	Veterinary World, 14(11): 2947-2956 doi: www.doi.org/10.14202/vetworld.2021.2947-2956	-	70

44.	**Iwaniuk P., Łozowicka B., Kaczyński P., Konecki R.**	Multifactorial wheat response under Fusarium culmorum, herbicidal, fungicidal and biostimulator treatments on the biochemical and mycotoxins status of wheat	Journal of the Saudi Society of Agricultural Sciences, 2021, 20 (7) https://doi.org/10.1016/j.jssas.2021.05.010	-	100
45.	**Jankowska M., Łozowicka B., Kaczyński P.**	Dissipation kinetics and processing behavior of boscalid and pyraclostrobin in greenhouse dill plant (Anethum graveolens L.) and soil	Pest Management Science, 2021 Jul;77(7):3349-3357 DOI: 10.1002/ps.6379	4,845	140
46.	Orywal K., Socha K. ,Nowakowski P., Zoń W., **Kaczyński P**.,Mroczko B., **Łozowicka B**.,Perkowski M.	Health risk assessment of exposure to toxic elements resulting from consumption of dried wild-grown mushrooms available for sale	PLoS One 2021 Jun 23;16(6):e0252834. doi: 10.1371/journal.pone.0252834	3,24	100
47.	**Zenelt W**., Krawczyk K., **Borodynko - Filas N.**	Biodiversity and scope of endophytic and phytopathogenic bacterial species identified in plant samples investigated in the Plant Disease Clinic laboratory.	Journal of Plant Protection Research 2021;61(1):63–82 DOI: https://doi.org/10.24425/jppr.2021.136274		100
48.	Rosowski M., Puchowicz D., **Jaskulska M.**, Kozłowski J., Cieślak M.	Bioactive Modified Non-Wovens as a Novel Approach of Plants Protection against Invasive Slugs	Materials 2021, 14(23), 7403; https://doi.org/10.3390/ma14237403	3,623	140
49.	**Wójtowicz A**., Piekarczyk J., Czernecki B., Ratajkiewicz H.	A random forest model for the classification of wheat and rye leaf rust symptoms based on pure spectra at leaf scale	Journal of Photochemistry&Photobiology, B: Biology 223 (2021) 112278 https://doi.org/10.1016/j.jphotobiol.2021.112278	6,252	100

50.	**Pszczolińska K., Kociołek B.**	The pesticide residue analysis in commodities with high content of chlorophyll based on the quick, easy, cheap, effective, rugged, and safe method: A review	Journal of Separation Science 2021 Aug 4; 1-17. doi: 10.1002/jssc.202100304.	3,645	70
51.	**Budziszewska M.**	The high resolution melting PCR protocol for rapid identification of single nucleotide substitutions in cytochrome c oxidase subunit II of Globodera pallida populations assigned to three pathotypes as an attempt of their differentiation	Journal of Plant Protection Research 2021;61(4),2 DOI: https://doi.org/10.24425/jppr.2021.139241		100
52.	**Kornobis F.**	New data on three plant-parasitic nematode species of the genus Longidorus (Nematoda: Longidoridae) from Poland	Journal of Plant Protection Research 2021 Vol. 61, No. 3: 273–279, 2021 DOI: 10.24425/jppr.2021.137947		100
53.	**Przybylska A.**	Analysis of ribonuclease and peroxidase activities during maize (Zea mays) response to Meloidogyne arenaria infection	Journal of Plant Protection Research 2021 Vol. 61, No. 4: 371–376, 2021 DOI: 10.24425/jppr.2021.139245		100