

## Wykaz publikacji IF za 2020 r.

Lp.	Nazwisko i imię	Tytuł publikacji	Czasopismo	IF	Punkty MNiSW
1.	Henryk Pospieszny, Natasza Borodynko-Filas, Beata Hasiów-Jaroszewska, Bartosz Czerwonka, Santiago F. Elena	An assessment of the transmission rate of Tomato black ring virus through tomato seeds	Plant Protection Science 2020 56(1):9-12.	1,464	100
2.	Jolanta Kowalska Józef Tyburski Joanna Krzymińska Magdalena Jakubowska	Cinnamon powder: an in vitro and in vivo evaluation of antifungal and plant growth promoting activity	European Journal of Plant Pathology (2020) 156:237–243 <a href="https://doi.org/10.1007/s10658-019-01882-0">https://doi.org/10.1007/s10658-019-01882-0</a>	1,744	100
3.	Łukasz Kaczmarek, Milena Roszkowska, Izabela Poprawa, Kamil Janelt, Hanna Kmita, Magdalena Gawlak, Edyta Fiałkowska, Monika Mioduchowska	Integrative description of bisexual Paramacrobrotus experimentalis sp. nov. (Macrobrotidae) from Republic of Madagascar (Africa) with microbiome analysis	Molecular Phylogenetics and Evolution, Volume 145 (2020) 106730, 1-20, <a href="https://doi.org/10.1016/j.ympev.2019.106730">doi.org/10.1016/j.ympev.2019.106730</a>	3,992	140
4.	Michał Patrzalek, Maja Kosecka-Strojek, Klaudia Lisowska-Łysiak, Magdalena Trela, Mariusz Kot, Magdalena Gawlak, Dawid Liszka, Mieczysław Sajewicz, Barbara Tombarkiewicz, Krzysztof Pawlak, Jacek Międzobrodzki, Marcin W. Lis	Preliminary evaluation of application of a 3-dimensional network structure of siloxanes Dergall preparation on chick embryo development and microbiological status of eggshells	Poultry Science 2020, 99: 1581–1590 <a href="https://doi.org/10.1016/j.psj.2019.10.079">https://doi.org/10.1016/j.psj.2019.10.079</a>	1,24	140
5.	Grażyna Winiszewska, Renata Dobosz, Tadeusz Malewski, Andrzej Skwiercz	Description of Pratylenchoides ojcowensis sp. nov. (Nematoda: Merlinidae) from Polish Jurassic Highland	Zootaxa (2020) 4742(1): 117-128. DOI: <a href="https://doi.org/10.11646/zootaxa.4742.1.7">https://doi.org/10.11646/zootaxa.4742.1.7</a>	0,99	70

6.	Bzowska - Bakalarz Małgorzata, Bulak Piotr, <b>Bereś Paweł Krystian</b> , Czarnigowska Agata, Czarnigowski Jacek, Karamon Bartłomiej, Pniak Michał, Bieganowski Andrzej	Using gyroplane for application of <i>Trichogramma spp.</i> Against the European corn borer in maize	Pest Management Science <a href="https://doi.org/10.1002/ps.5762">https://doi.org/10.1002/ps.5762</a>	3,255	140
7.	Elżbieta Wołejko, Agata Jabłońska-Trypuć, Urszula Wydro, Andrzej Butarewicz, <b>Bożena Łozowicka</b>	Soil biological activity as an indicator of soil pollution with pesticides – A review	Applied Soil Ecology, 147, 2020, 103356. <a href="https://doi.org/10.1016/j.apsoil.2019.09.006">https://doi.org/10.1016/j.apsoil.2019.09.006</a>	3,445	140
8.	<b>Kowalska Jolanta</b> , Tyburski Józef, <b>Jakubowska Magdalena</b> , <b>Krzywińska Joanna</b>	Effect of Different Form of Silicon on Growth of Spring Wheat Cultivated in Organic Farming System	Silicon <a href="https://doi.org/10.1007/s12632-020-00414-4">https://doi.org/10.1007/s12632-020-00414-4</a>	1,21	40
9.	Nikolay Vassilev, Maria Vassileva, Vanessa Martos, Luis F. Garcia del Moral, <b>Jolanta Kowalska</b> , Bartosz Tylkowski, Eligio Malusa	Formulation of Microbial Inoculants by Encapsulation in Natural Polysaccharides: Focus on Beneficial Properties of Carrier Additives and Derivatives	Frontiers in Plant Science, Front. Plant Sci., 10 March 2020 <a href="https://doi.org/10.3389/fpls.2020.00270">https://doi.org/10.3389/fpls.2020.00270</a>	4,106	100
10.	Daria Grobys, Milena Roszkowska, <b>Magdalena Gawlak</b> , Hanna Kmita, Andrzej Kepel, Marta Kepel, Ivan Parnikoza, Tomasz Bartylak, Łukasz Kaczmarek	High diversity in the <i>Pseudechiniscus suillus-facettalis</i> complex (Heterotardigrada; Echiniscidae) with remarks on the morphology of the genus <i>Pseudechiniscus</i>	Zoological Journal of the Linnean Society 2020. 188(3), 733-752. <a href="https://doi.org/10.1093/zoolinnean/zlz171">doi.org/10.1093/zoolinnean/zlz171</a>	2,909	140
11.	<b>Piotr Kaczyński</b> <b>Bożena Łozowicka</b> Elżbieta Wołejko <b>Piotr Iwaniuk</b> <b>Rafał Konecki</b> <b>Wojciech Drągowski</b> Jakub Łozowicki Nurlan Amanbek <b>Julia Rusiłowska</b> <b>Aleksandra Pietraszko</b>	Complex study of glyphosate and metabolites influence on enzymatic activity and microorganisms association in soil enriched with <i>Pseudomonas fluorescens</i> and sewage sludge	<a href="https://doi.org/10.1016/j.jhazmat.2020.12243">Journal of Hazardous Materials, 3935, 2020, 122443,</a> <a href="https://doi.org/10.1016/j.jhazmat.2020.122443">https://doi.org/10.1016/j.jhazmat.2020.122443</a> <a href="https://doi.org/10.1016/j.jhazmat.2020.122443">43</a>	7,65	200

12.	Matthaios M. Mathioudakis, Maria Saponari, <b>Beata Hasiów-Jaroszewska</b> , Toufic Elbeaino, Georgios Koubouris	Detection of viruses in the major olive tree cultivars of Greece using a rapid and effective RNA extraction method towards the certification of virus-tested propagation material	Phytopathologia Mediterranea 2020, 59(1):137-146.	1,974	70
13.	<b>Adam Perczak</b> , Daniela Gwiazdowska, <b>Romuald Gwiazdowski</b> , Krzysztof Jus, Katarzyna Marchwińska, Agnieszka Waśkiewicz	The Inhibitory Potential of Selected Essential Oils on Fusarium spp. Growth and Mycotoxins and Biosynthesis in Maize Seeds	Pathogens 2020, 9, 23 doi.org/10.3390/pathogens9010023 <a href="https://www.mdpi.com/2076-0817/9/1/23">https://www.mdpi.com/2076-0817/9/1/23</a>	3,405	100
14.	Anna Turguła, Konrad Stęśik, Katarzyna Materna, <b>Tomsz Klejdysz</b> , <b>Tadeusz Praczyk</b> , Juliusz Pernak	Third-generation ionic liquids with N-alkylated 1,4-diazabicyclo[2.2.2]octane cations and pelargonate anions	RSC ADVANCES volume:10, issue: 15 pages 8653 - 8663 doi: 10.1039/d0ra00766h	3,168	100
15.	Paul Gruner, Anne- Kristin Schmitt, Kerstin Flath, Brigitta Schmiedchen, Jakob Eifler, Andres Gordillo, Malthe Schmidt, Viktor Korzun, Franz-Joachim Fromme, Dorthe Siekmann, <b>Anna Tratwal</b> , <b>Jakub Danielewicz</b> , <b>Marek Korbas</b> , Karol Marciniak, Renata Krzysztofik, Małgorzata Niewińska, Silvia Koch, H. P. Piepho, Thomas Miedaner	Mapping stem rust ( <i>Puccinia graminis</i> f. sp. <i>secalis</i> ) resistance in self-fertile winter rye populations	Frontiers in Plant Science	4,298	100
16.	Damian Kaczmarek, Tomasz Rzemieniecki, <b>Katarzyna Marcinkowska</b> , Juliusz Pernak	Synthesis, properties and adjuvant activity of docusate-based ionic liquids in pesticide formulations	Journal of Industrial and Engineering Chemistry 78 (2019) 440-447 <a href="https://doi.org/10.1016/j.jiec.2019.05.023">https://doi.org/10.1016/j.jiec.2019.05.023</a> (J IND ENG CHEM)	4,978	100
17.	<b>Kr+B19:F51</b> zysztof Krawczyk, <b>Natasza Borodynko - Filas</b>	Kosakonia cowanii as the new bacterial pathogen affecting soybean ( <i>Glycine max</i> Willd.)	European Journal of Plant Pathology (2020) 157:173-183 DOI 10.1007/s10658-020-01998-8	1,744	100

18.	<b>Arnika Przybylska, Aleksandra Obrepalska-Stęplowska</b>	LAMP and real-time PCR assays for rapid identification of <i>Frankliniella intonsa</i>	CROP PROTECTION 135 (2020) 105220: 1-7 DOI 10.1016/j.cropro.2020.105220	2,172	100
19.	<b>Piotr Kaczyński Bożena Łozowicka</b>	A novel approach for fast and simple determination pyrrolizidine alkaloids in herbs by ultrasound-assisted dispersive solid phase extraction method coupled to liquid chromatography-tandem mass spectrometry	Journal of Pharmaceutical and Biomedical Analysis, 187, 2020, 113351, <a href="https://doi.org/10.1016/j.jpba.2020.113351">https://doi.org/10.1016/j.jpba.2020.113351</a>	2,983	100
20.	<b>Bożena Łozowicka Piotr Kaczyński Patrycja Mojsak Julia Rusiłowska Zibash Beknazarova Gulzhakhan Ilyasova Damira Absatarova</b>	Systemic and non-systemic pesticides in apples from Kazakhstan and their impact on human health	Journal of Food Composition and Analysis, 90, 2020, 103494, <a href="https://doi.org/10.1016/j.jfca.2020.103494">https://doi.org/10.1016/j.jfca.2020.103494</a>	2,994	100
21.	Justin Clements, Marjorie Garcia, Benjamin Bradford, Linda Crubaugh, Shannon Piper, Emily Duerr, <b>Agnieszka Zwolińska</b> , Ssakia Hogenhout, Russell L. Groves	Genetic Variation Among Geographically Disparate Isolates of Aster Yellows Phytoplasma in the Contiguous United States	Journal of Economic Entomology, 113(2), 2020, 604-611 doi: 10.1093/jee/toz356	1,779	70
22.	<b>Patrycja Marczevska, Marlena Płonka, Joanna Rolnik</b> , Mieczysław Sajewicz	Determination of azoxystrobin and its impurity in pesticide formulations by liquid chromatography	Journal of Environmental Science and Health, Part B doi:10.1080/03601234.2020.1746572	1,436	40
23.	Juliusz Pernak, Damian Kaczmarek, Tomasz Rzemieniecki, Michał Niemczak, Łukasz Chrzanowski and <b>Tadeusz Praczyk</b>	Dicamba-Based Herbicides: Herbicidal Ionic Liquids versus Commercial Forms	Journal of Agricultural and Food Chemistry 2020, 68, 4588-4594	3,571	140

24.	<b>Tadeusz Praczyk, Katarzyna Marcinkowska</b>	Herbicide resistance and management options of <i>Papaver rhoeas</i> L. and <i>Centaurea cyanus</i> L. in Europe: a review	Agronomy, 2020, 10, 874 doi:10.3390	2,2	100
25.	Joanna Feder-Kubis, Patrycja Czerwoniec, Piotr Lewandowski, <b>Henryk Pospieszny</b> , Marcin Śmiglak	Ionic Liquids with Natural Component: A Path to New Plant Protection Products	ACS Sustainable Chemistry Engineering 2020,8, 842-852, DOI: 10.1021/acssuschemeng, 9b04859	7,03	140
26.	<b>Julia Minicka, Aleksandra Zarzyńska-Nowak, Daria Budzyńska, Natasza Borodynko-Filas, Beata Hasiów-Jaroszewska</b>	High- Throughput Sequencing Facilitates Discovery of New Plant Viruses in Poland	Plants 2020, 9, 820; doi: 10.3390/plants9070820	2,762	70
27.	Adam Kubiak, Zuzanna Bielan., Aleksandra Bartkowiak., <b>Elżbieta Gabała</b> , Adam Piasecki, Maciej Zalas, Anna Zielińska-Jurek, Marcin Janczarek, Katarzyna Siwińska-Ciesielczyk, Teofil Jesionowski	Synthesis of titanium dioxide via surfactant-assisted microwave method for photocatalytic and dye-sensitized solar cells applications	Catalysts 10 (5): 586, 2020. DOI: 10.3390/catal10050586	3,444	100
28.	Zbigniew Piskula, Mikołaj Stodolny, <b>Elżbieta Gabała</b> , Piotr Kirszenstejn, Waldemar Nowicki	Application of SiO <sub>2</sub> -La <sub>2</sub> O <sub>3</sub> amorphous mesoporous nanocomposites obtained by modified sol-gel method in high temperature catalytic reaction	Journal of Alloys and Compounds 840: 155635, 2020. DOI: 10.1016/j.jallcom.2020.155635	4,175	100
29.	Adam Kubiak, Zuzanna Bielan. Marta Kubacka, <b>Elżbieta Gabała</b> , Agnieszka Zgoła-Grześkowiak, Marcin Janczarek, Maciej Zalas, Anna Zielińska-Jurek, Katarzyna Siwińska-Ciesielczyk, Teofil Jesionowski	Microwave-assisted synthesis of a TiO <sub>2</sub> -CuO heterojunction with enhanced photocatalytic activity against tetracycline	Applied Surface Science 520: 146344, 2020. DOI: 10.1016/j.apsusc.2020.146344	5,155	140
30.	<b>Aleksandra Zarzyńska-Nowak Beata Hasiów-Jaroszewska Daria Budzyńska Katarzyna Trzmiel</b>	Genetic variability of Polish tomato black ring virus isolates and their satellite RNAs	Plant Pathology 2020, 69:1034-1041. DOI 10.1111/ppa.13188	2,169	140

31.	Juliusz Pernak, Tomasz Rzemieniecki, <b>Tomasz Klejdysz</b> , Fengrui Qu, Robin D. Rogers	Conversion of Quinine Derivatives into Biologically Active Ionic Liquids: Advantages, Multifunctionality, and Perspectives	ACS Sustainable Chemistry & Engineering (8, 9263–9267, DOI: <a href="https://dx.doi.org/10.1021/acssuschemeng.0c03501">https://dx.doi.org/10.1021/acssuschemeng.0c03501</a>	6,94	140
32.	<b>Katarzyna Pieczul</b> , Agnieszka Dobrzycka, Joanna Wolko, Agnieszka Perek, Małgorzata Zielezińska, Jan Bocianowski, Magdalena Rybus-Zajęc	The activity of $\beta$ -glucosidase and guaiacol peroxidase in different genotypes of winter oilseed rape ( <i>Brassica napus</i> L.) infected by <i>Alternaria</i> black spot fungi	Acta Physiologiae Plantarum volume 42, Article number: 142 (2020)	1.760 (2019) Impact factor 2.078 (2019) Five year impact factor	70
33.	<b>Arnika Przybylska, Aleksandra Obrepalska-Stęplowska</b>	Plant defense responses in monocotyledonous and dicotyledonous host plants during root-knot nematode infection	Plant and Soil Volume 135, September 2020, 451:239–260 <a href="https://doi.org/10.1007/s11104-020-04533-0">https://doi.org/10.1007/s11104-020-04533-0</a>	3,299	140
34.	<b>Kinga Matysiak, Roman Kierzek</b> , Idzi Siatkowski, <b>Jolanta Kowalska, Roman Krawczyk, Wojciech Miziniak</b>	Effect of Exogenous Application of Amino Acids L-Arginine and Glycine on Maize under Temperature Stress	Agronomy 2020, 10, 769; doi:10.3390/agronomy100607	2,603	100
35.	<b>Jolanta Kowalska</b> , Józef Tyburski, <b>Kinga Matysiak</b> , Bartosz Tylkowski, Eligio Malusa	Field Exploitation of Multiple Functions of Beneficial Microorganisms for Plant Nutrition and Protection: Real Possibility or Just a Hope?	Front. Microbiol., 05 August 2020 <a href="https://doi.org/10.3389/fmicb.2020.01904">https://doi.org/10.3389/fmicb.2020.01904</a>	4,235	100
36.	<b>Krzysztof Krawczyk</b> , Małgorzata Łochyńska	Identification and characterization of <i>Pseudomonas syringae</i> pv. <i>mori</i> affecting white mulberry ( <i>Morus alba</i> ) in Poland	European Journal of Plant Pathology (2020) 158:281–291 <a href="https://doi.org/10.1007/s10658-020-02074-x">https://doi.org/10.1007/s10658-020-02074-x</a>	1,744	100

37.	<b>Daria Dworżańska</b> Graham Moores <b>Joanna Zamojska</b> <b>Przemysław Strażyński</b> <b>Paweł Węgorzek</b>	The influence of acetamiprid and deltamethrin on the mortality and behaviour of honeybees ( <i>Apis mellifera carnica</i> Pollman) in oilseed rape cultivations	Apidologie (2020), DOI 10.1007/s13592-020-00792-z)	2,25	140
38.	<b>Henryk Pospieszny</b> <b>Beata Hasiów-Jaroszewska</b> <b>Natasza Borodynko-Filas</b> Santiago F. Elena	Effect of defective interfering RNAs on the vertical transmission of Tomato black ring virus	Plant Protection Science, 56: 261–267.	1,13	100
39.	Marcin Bryła Edyta Ksieniewicz-Woźniak Agnieszka Waśkiewicz Tomoya Yoshinari Krystyna Szymczyk Grażyna Podolska <b>Romuald Gwiazdowski</b> <b>Krzysztof Kubiak</b>	Transformations of Selected Fusarium Toxins and Their Modified Forms During Malt Loaf Production	Toxins. 2020; 12(6): 385  doi:10.3390/toxins12060385	3,531	100
40.	Anna Mazurkiewicz, Dorota Tumialis, <b>Magdalena Jakubowska</b>	Biological control potential of native entomopathogenic nematodes (Steinernematidae and Heterorhabditidae) against <i>Mamestra brassicae</i> L. (Lepidoptera: Noctuidae)	Agriculture 2020, 10, 388; doi:10.3390/agriculture10090388  Agriculture Switzerland (ISSN 2077-0472)	2,072	100
41.	Andrzej Bieganowski, Karl - Henz Dammer, Anna Siedliska, Małgorzata Bzowska - Bakalarz, <b>Paweł K. Bereś</b> , Katarzyna Dąbrowska - Zielińska, Michael Pflanz, Michael Schrumann, Andreas Garz	Sensor - based outdoor monitoring of insects in arable crops for their precise control	Pest Management Science doi:10.1002/ps.6098	3,75	140
42.	<b>Przemysław Wieczorek, Patryk Frąckowiak, Aleksandra Obrępańska - Stęplowska</b>	Evaluation of the expression stability of reference genes in <i>Apis mellifera</i> under pyrethroid treatment	Scientific Reports, (2020:10:16140) <a href="https://doi.org/10.1038/s41598-020-73125-w">https://doi.org/10.1038/s41598-020-73125-w</a>	3,988	140

43.	<b>Jolanta Kowalska</b> Józef Tyburski Jan Bocianowski Joanna Krzyżmińska <b>Kinga Matysiak</b>	Methods of Silicon Application on Organic Spring Wheat ( <i>Triticum aestivum</i> L. spp. vulgare) Cultivars Grown Across two Contrasting Precipitation Years	<b>2020</b> , 10 , 1655 <a href="https://doi.org/10.3390/agronomy">https://doi.org/10.3390/agronomy</a>	2,603	100
44.	Daria Szymaniak, Adam Maćkowiak, Kamil Ciarka, <b>Tadeusz Praczyk,</b> <b>Katarzyna Marcinkowska,</b> Juliusz Pernak	Synthesis and characterization of double salt herbicidal ionic liquids comprising both 4-chloro-2-methylphenoxyacetate and trans-cinnamate anions	ChemPlusChem, 2020, 85, 2281–2289, DOI: 10.1002/cplu.202000546	2,753	100
45.	Krzysztof Kujawa, Zdzisław Biernacki, <b>Jolanta Kowalska</b> , Anna Kujawa, Maria Oleszczuk, Paweł Sienkiewicz, Dariusz Sobczyk	Annual Wildflower Strips as a Tool for Enhancing Functional Biodiversity in Rye Fields in an Organic Cultivation System	<a href="https://www.mdpi.com/2073-4395/10/11/1696">Agronomy 2020, 10, 1696</a> <a href="https://www.mdpi.com/2073-4395/10/11/1696">https://www.mdpi.com/2073-4395/10/11/1696</a>	2,603	100
46.	<b>Katarzyna Trzmiel, Beata Hasiów - Jaroszevska</b>	Development of loop-mediated isothermal amplification assay for rapid detection of genetically different wheat dwarf virus isolates.	Molecular Biology Reports 47:8325-8329. DOI: 10.1007/s11033-020-05846-0	1,402	70
47.	<b>Przemysław Wiczeorek, Marta Budziszewska, Patryk Frąckowiak, Aleksandra Obrepalska - Stęplowska</b>	Development of a New Tomato Torrado Virus-Based Vector Tagged with GFP for Monitoring Virus Movement in Plants	Viruses 2020, 12(10), 1195; <a href="https://doi.org/10.3390/v12101195">https://doi.org/10.3390/v12101195</a>	3,816	100
48.	<b>Daria Budzyńska, Julia Mincika, Beata Hasiów-Jaroszevska</b> , Santaigo Elena	Molecular evolution of tomato black ring virus and de novo generation of a new type of defective RNAs during long-term passaging in different hosts.	Plant Pathology (2020), 69 (9): 1767-1776. <a href="https://doi.org/10.1111/ppa.13258">https://doi.org/10.1111/ppa.13258</a>	2,169	140
49.	<b>Anna Filipiak</b> Tadeusz Malewski Ewa Matczyńska <b>Marek Tomalak</b>	Molecular variation among virulent and avirulent strains of the quarantine nematode <i>Bursaphelenchus xylophilus</i>	Molecular Genetics and Genomics; 2020, 1–11.	2,797	100

50.	<b>Matysiak K. Siatkowski I., Kierzek R. Kowalska J., Krawczyk R.</b>	Effect of Foliar Applied Acetylsalicylic Acid on Wheat ( <i>Triticum aestivum</i> L.) under Field Conditions.	Agronomy, 10(12), 1918; <a href="https://doi.org/10.3390/agronomy10121918">https://doi.org/10.3390/agronomy10121918</a> .	2,603	100
51.	Anna Kodisch, Michael Oberforster, Armin Raditsching, Bernd Rodemann, <b>Anna Tratwal, Jakub Danielewicz, Marek Korbas</b> , Brigitta Schmedchen, Jakob Eifler, Andres Gordillo, Dörthe Siekmann, Franz Joachim Fromme, Frederik N. Wuppermann, Franz Wieser, Elisabeth Zechner, Małgorzata Niewińska, Thomas Miedaner	Covariation of Ergot Severity and Alkaloid Content Measured by HPLC and One ELISA Method in Inoculated Winter Rye across Three Isolates and Three European Countries	Toxins 2020	3,531	100
52.	Renata Gaj, <b>Dariusz Górski</b> , Leszek Majchrzak	The Effect of Potassium and Micronutrient Foliar Fertilisation on the Content and Accumulation of Microelements, Yield and Quality Parameters of Potato Tubers	Agriculture 2020, 10(11), 530 <a href="https://doi.org/10.3390/agriculture10110530">https://doi.org/10.3390/agriculture10110530</a>	2,072	100
53.	<b>Marta Budziszewska, Wojciech Kubasik</b>	The molecular identification and phylogeny of moths feeding on cereals, belonging to <i>Cnephasia</i> species based on cytochrome c oxidase subunit I gene	Journal of Plant Protection Research Vol. 60, No. 4: 410–414, 2020 DOI: 10.24425/jppr.2020.134916	0	40
54.	<b>Krawczyk K, Wielkopolan B, Obrepalska-Stęplowska A.</b>	<i>Pantoea ananatis</i> , a new bacterial pathogen affecting wheat plants ( <i>Triticum</i> L.) in Poland. Pathogens	Pathogens 2020 9(12) 1079 <a href="https://doi.org/10.3390/pathogens9121079">https://doi.org/10.3390/pathogens9121079</a>	3,018	100
55.	<b>Magdalena Jankowska Piotr Kaczyński Bożena Łozowicka</b>	Metabolic profile and behavior of clethodim and spirotriamet in herbs during plant growth and processing under controlled conditions.	Scientific Reports 2020, 10:1323 <a href="https://doi.org/10.1038/s41598-020-58130-3">https://doi.org/10.1038/s41598-020-58130-3</a>	3,998	140

56.	<b>Ewa Rutkowska</b> <b>Bożena Łozowicka</b> <b>Piotr Kaczyński</b>	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, <a href="https://doi.org/10.1016/j.chroma.2019.460738">https://doi.org/10.1016/j.chroma.2019.460738</a>	4,049	100
57.	Dariusz Piesik Jan Bocianowski Sebastian Sendel <b>Krzysztof Krawczyk</b> Karol Kotwica	Beetle Orientation Responses of <i>Gastrophysa viridula</i> and <i>Gastrophysa polygoni</i> (Coleoptera: Chrysomelidae) to a Blend of Synthetic Volatile Organic Compounds	Environmental Ecology, 1071-1076, doi: 10.1093/ee/nvaa082	1,45	100
58.	<b>Jolanta Kowalska</b> , Józef Tyburski, <b>Joanna Krzysińska</b> , <b>Magdalena Jakubowska</b>	Effects of seed treatment with mustard meal in control of <i>Fusarium culmorum</i> Sacc. and the growth of common wheat ( <i>Triticum aestivum</i> ssp. <i>vulgare</i> ) <a href="https://doi.org/10.1007/s10658-020-02165-9">https://doi.org/10.1007/s10658-020-02165-9</a>	European Journal of Plant Pathology	1.582	100
59	<b>Filipiak A.</b> , Haukeland S., Zając K.S., Lachowska-Cierlik D., Hatteland B.A.	Helminths associated with terrestrial slugs in some parts of Europe	Bonn zoological Bulletin 69 (1): 11–26; <a href="https://doi.org/10.20363/BZB-2020.69.1.011">https://doi.org/10.20363/BZB-2020.69.1.011</a>	2,143	100