

Збирни преглед научноистраживачких резултата у току 2022. год. према критеријумима
Министарства просвете, науке и технолошког развоја

Област радова који су резултат научноистраживачког рада:		
1. ОБЛАСТ БИОТЕХНИЧКИХ НАУКА – БИОТЕХНОЛОГИЈА или		
2. ОБЛАСТ ТЕХНИЧКО-ТЕХНОЛОШКИХ НАУКА – ТЕХНОЛОШКО ИНЖЕЊЕРСТВО		
Назив груперезултата	Врста резултата	М
M20 Радови објављени у научним часописима међународног значаја, научна критика; уређивање часописа	1. Đurović S., Šorgić S., Popov S., Pezo L. Mašković P. , Blagojević S., Zeković Z. (2022): Recovery of biologically active compounds from stinging nettle leaves part I: Supercritical carbon dioxide extraction, Food Chemistry, 373: 131724, https://doi.org/10.1016/j.foodchem.2021.131724 (M21a)	M21a - 10
	1. Milošević, T. , Milošević, N., Mladenović, J. (2022): The influence of organic, organo-mineral and mineral fertilizers on tree growth, yielding, fruit quality and leaf nutrient composition of apple cv. 'Golden Delicious Reinders'. Scientia Horticulturae, 297: 110978. https://doi.org/10.1016/j.scienta.2022.110978 (M21)	M21 - 8
	2. Milošević, T. , Milošević, N., Simović, S., Ilić, R. , Mladenović, J. (2022): Diversity among native Serbian cornelian cherry (<i>Cornus mas</i> L.) accessions: An ideal plant for sustainable cultivation, source of antioxidants and functional food. Scientia Horticulturae, 306: 111450. https://doi.org/10.1016/j.scienta.2022.111450 (M21)	
	3. Djalovic, I., Riaz, M., Akhtar, K., Bekavac, G., Paunovic, A. , Pejanovic, V., Zaheer, S., Prasad, V. (2022): Yield and grain quality of divergent maize cultivars under inorganic N fertilizer regimes and Zn application depend on climatic conditions in calcareous soil. Agronomy, 12, 2705. file:///C:/Users/User1/Downloads/agronomy-12-02705-v2%20(1).pdf (M21)	
	4. Lukić, M., Petričević, V., Deliћ, N., Tolimir, N., Dosković, V. , Rakonjac, S. , Škrbić, Z. (2022): How Does the Choice of Genotype and Feed in the Local Market Affect Broiler Performance and the Farm Economy? A Case Study in Serbia. Agriculture, 12: 843. ISSN 2077-0472. (M21) (IF ₂₀₂₁ =3,408)	
	5. Petrović, K., Djoković, R. , Cincović, M., TalijaHristovska, T., Lalović, M., Petrović, Ž. M. , Majkić, M., Došenovic-Marinkovic, M., Andjusić Lj., Devceverski, G., Stojanović, D., StrbacF. (2022): Niacin status indicators and their relationship with metabolic parameters in dairy cows during early lactation. Animals, Volume 12, 1524, https://doi.org/10.3390/ani12121524 . (M21) (IF=3,231)	
	6. Milošević M.D., Mašković P.Z. , Stanković V.D., Paunović M.G., Mitić M.N., Matić M.M., Ognjanović B.I. (2022): Protective effects of Viscum album L. leaf extract on chlorpyrifos-induced hepatotoxicity in Wistar rats, Journal of King Saud University – Science, 34: 101957, https://doi.org/10.1016/j.jksus.2022.101957 (M21)	
	7. Mirković M., Filipović S., Kalijadis A., Mašković P. , Mašković J., Vlahović B., Pavlović V. (2022): Hydroxyapatite/TiO ₂ Nanomaterial with Defined Microstructural and Good Antimicrobial Properties, Antibiotics, 11: 592, https://doi.org/10.3390/antibiotics11050592 (M21)	
8. Lohmann N., Milovanović V. , Piekarski D.G., García Mancheño O. (2022): Metal-free oxoammonium salt-mediated C(sp ³)-H oxidative Ugi-azide multicomponent reaction, Organic and Biomolecular Chemistry, 20: 2896–2908, https://doi.org/10.1039/d2ob00101b (M21)		

<ol style="list-style-type: none"> 1. Kurćubić, V., Stajić, S., Miletić, N., Stanišić, N. (2022): Healthier Meat Products Are Fashionable -Consumers Love Fashion. Applied Sciences,12: 10129. https://doi.org/10.3390/app121910129, IF2021= 2.838,(M22) 2. Milošević, T., Milošević, N., Miletić, N., Ercišli, S. (2022): Genetic diversity of fig accessions under atypical climatic conditions assessed by fruit quality and antioxidant activity. South African Journal of Botany, 151: 214-223.https://doi.org/10.1016/j.sajb.2022.09.046(M22) 3. Sedlar, A.; Gvozdenac, S.; Pejović, M.; Višacki, V.; Turan, J.; Tanasković, S.; Burg, P.; Vasić, F. (2022): The Influence of Wetting Agent and Type of Nozzle on Copper Hydroxide Deposit on Sugar Beet Leaves (<i>Beta vulgaris</i> L.). Appl. Sci. 2022, 12, 2911. https://doi.org/10.3390/app12062911 (M22) 4. Petrović, Ž.M., Cincović, M., Starić, J., Djoković, R.,Belić, B., Radinović, M., Majkić M., Ilić, Z. (2022): The Correlation between Extracellular Heat Shock Protein 70 and Lipid Metabolism in a Ruminant.Metabolites, 12(1), 19, 1-14. https://doi.org/10.3390/metabo12010019(IF=5,581) (M22) 5. Andjelić,B., Djoković, R., Cincović, M., Bogosavljević-Bošković,S., Petrović, D.M., Mladenović, J., Čukić, A. (2022): Relationships between milk and blood biochemical parameters and metabolic status in dairy cows during lactation.Metabolites, 12(8), 733, 1-14. https://doi.org/10.3390/metabo12080733 (IF=5.581) (M22) 6. Krnjajić, S., Cincović, M., Djoković, R., Belić, B.,Jožek, J., Srarić, J. (2022): The influence of energy balance, lipolysis and ketogenesis on metabolic adaptation in cows milked twice and three times daily.Metabolites 2022, 12, 1090. https://doi.org/10.3390/metabo12111090(M22)(IF=5,581) 7. Branković J., Milivojević N., Milovanović V., Simijonović D., Petrović Z.D., Marković Z., Šeklić D.S., Živanović M.N., Vukić M.D., Petrović V.P. (2022): Evaluation of antioxidant and cytotoxic properties of phenolic <i>N</i>-acylhydrazones: structure–activity relationship, Royal Society Open Science,9: 211853,https://doi.org/10.1098/rsos.211853(M22) 8. Branković J., Milovanović V.M., Simijonović D., Novaković S., Petrović Z.D., Trifunović S.S., Bogdanović G.A., Petrović V.P. (2022): Pyrazolone-type compounds: synthesis and <i>in silico</i> assessment of antiviral potential against key viral proteins of SARS-CoV-2†, RSC Advances,12: 16054–16070,https://doi.org/10.1039/D2RA02542F(M22) 	M22 – 5
<ol style="list-style-type: none"> 1. Kurćubić, V.S., Stajić, S.B., Dmitrić, M.P., Miletić, N.M. (2022). Food safety assessment of burger patties with added herbal plant material, Fleischwirtschaft,11: 73-78. ISSN 0015-363X, IF2021= 0.130(M23) 2. Filipović, V.S., Filipović, J.S., Petković, M.M., Filipović, I.B., Miletić, N.M., Đurović, I.B., Lukyanov, A.D. (2022): Modeling convective thin-layer drying of carrot slices and quality parameters. Thermal Science, 26(3A): 2187-2198. https://doi.org/10.2298/TSCI210422285F(M23) 3. Miletić, N., Jevremovic, D., Mitić, M., Popovic, B., Petkovic, M. (2022): Influence of D and Rec strains of plum pox virus on phenolic profile and antioxidant capacity of fresh plum fruits of ‘Čačanska Lepotica’ cultivar. Spanish Journal of Agricultural Research, 20(4): e1005. https://doi.org/10.5424/sjar/2022204-18179(M23) 4. Milošević, T., Milošević, N. (2022): Fruit size and main chemical properties of European plums (<i>Prunus domestica</i> L.) as influenced by grafting on seedlings of commercial cultivars. Erwerbs-Obstbau, 64, 2: 183-190. 	M23 – 3

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5. **Milošević, T.**, Milošević, N. (2022): Behaviour of Japanese plums in a atypical environmental conditions of Serbia. Tree growth, productivity and fruit quality attributes. *Erwerbs-Obstbau*, 64, 4:513-522. <https://doi.org/10.1007/s10341-022-00687-6>(M23)
 6. Jovanović, M., **Milošević, T.**, Milošević, N., Ercisli, S., **Glišić, I.**, **Paunović, G.**, **Ilić, R.** (2022): Tree Growth, Productivity, and Fruit Quality Attributes of Pear Grown Under a High-Density Planting System on Heavy Soil. A Case Study. *Erwerbs-Obstbau*. <https://doi.org/10.1007/s10341-022-00671-0>(M23) (online)
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 10. Bošković I., Đukić D., **Mašković P.**, **Mandić L.** (2022): Influence of Solvent Type on the Phenolic Content and Antimicrobial and Antioxidant Properties of *Echium Vulgare* L. Extracts. *Farmacia*, 70(4): 665-670. ISSN 0014-8237 (Printed), ISSN 2065-0019 (On-line) https://farmaciajournal.com/wp-content/uploads/art-12-Boskovic_Mandic_665-670.pdf(M23)
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 12. **Stanojević-Nikolić, S.**, Pavlović, K.V., **Nikolić, M.P.**, Srdić, V.V., Šćiban, M. (2022): Removal of cadmium(II) ions using *Saccharomyces cerevisiae* and *Leuconostoc mesenteroides* immobilized in silica materials by two processing methods, *Materials Research*, 25: e20210568 <https://doi.org/10.1590/1980-5373-MR-2021-0568> (M23)
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<p>M30</p> <p>Зборници међународних научних скупова</p>	<p>1. Kurćubić, V.S., Ilić, Z.Ž., Petrović, M.Ži., Dmitrić, M.P., Kurćubić, L.V., Current knowledge on Bovine Coronaviruses as a causative agents of respiratory and enteric diseases, INVITED PAPERS - Proceedings of the 4th International Symposium: Modern Trends in Agricultural Production, Rural Development, Agro-economy, Cooperatives and Environmental Protection, Vrnjaska Banja, Serbia 29-30. Jun, 2022. pp. 415-428. The Balkans Scientific Center of the Russian Academy of Natural Sciences. ISBN 978-86-6042-014-7. (Sertifikat) (M31)</p> <p>2. Bogosavljević-Bošković, S., Petrović, M.D., Rakonjac, S., Dosković, V., Đoković, R., Petrović, M.Ži. (2022): Agriculture and the economic significance of livestock production for the Republic of Serbia. 4th International Symposium Modern Trends in Agricultural Production, Rural Development, Agro-Economy Cooperatives and Environmental Protection. Vrnjačka Banja, Serbia, June 29-30, 2022: 55-64. ISBN 978-86-6042-014-7. (M31)</p>	M31 - 3
	<p>1. Veljković, B., Koprivica, R., Gavrilović, M., Đokić, D., Muhović, A., Terzić, D. (2022): Calculation price of tractor operation based on costs, Proceedings of the XIII International Scientific Agricultural Symposium Agrosym 2022, p.1163-1168, (Ed. Dušan Kovačević)</p> <p>2. Šekularac, G., Ratknić, T., Aksić, M., Gudžić, N., Vranešević, M., Ratknić, M. (2022): Soil erosion assessment using EPM: A case study in the catchment area of the Turkish brook, Western Serbia. Proceedings of 29th International Conference "Ecological Truth & Environmental Research" EcoTer'22, Šerbula, S. (ed.), 174-179, June 21-24, ISBN 978-86-6305-123-2, Sokobanja, Serbia: University of Belgrade, Technical faculty Bor. (M33)</p> <p>3. Ratknić, T., Šekularac, G., Ratknić, M. Poduška, Z., Aksić, M. (2022):</p>	M33 - 1

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 5. **Glišić, I., Ilić, R., Milošević, T., Paunović, G.**, Jovančević, J. (2022): Characteristic of early-ripening blackberry cultivars (*Rubus fruticosus* L). Proceedings of the XIII International Scientific Agricultural Symposium “Agrosym 2022”, 62-67. Jahorina, October 6-9, 2022., ISBN 978-99976-987-3-5. http://agrosym.ues.rs.ba/article/showpdf/BOOK_OF_PROCEEDINGS_2022.pdf(M33)
 6. **Tomić D., Marjanović M., Radovanović M., Đurović V.**, Lazarević Đ., **Stevović V., Pavlović N.** (2022): Interdependence of seed yield components of pumpkin (*Cucurbita pepo* L.) genotypes. Proceedings of the XI International Symposium On Agricultural Sciences “Agrores 2022”, Trebinje, May 26-28: 31-39. ISBN 978-99938-93-82-0, COBISS.RS-ID 136209409. <https://agrores.net/wp-content/uploads/2022/05/Proceedings-AgroReS-2022-3.pdf#page=32>(M33)
 7. **Stevović V., Đukić D., Tomić D., Đurović D.**, Lazarević Đ., **Madić M., Marjanović M., Pavlović N.** (2022): The importance of forage legumes for animal feed production. Proceedings of 4th International Symposium, „Modern trends in agricultural production, rural development agro-economy cooperatives and environmental production“. The Balcans scientific center of the Russian Academy of natural science. Eds. Ilić Ž.Z., Lutovac M., 29-30 June2022. Vrnjačka Banja, 4:283-293. ISBN 978-86-6042-014-7. <https://fiver.ifvcns.rs/handle/123456789/2874>(M33)
 8. **Tomić D., Stevović V., Marković I., Lazarević Đ., Marjanović M., Pavlović N., Madić M.** (2022): Weed control in sudan grass crop (*Sorghum sudanense*). Book of proceedings, XIII International Scientific Agricultural Symposium, "Agrosym 2022", Jahorina, October 06-09, 2022. Editor in chief Dušan Kovačević, Faculty of Agriculture, East Sarajevo, 13: 320-326. ISBN 978-99976-987-3-5. http://agrosym.ues.rs.ba/article/showpdf/BOOK_OF_PROCEEDINGS_2022.pdf(M33)
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Makedonia. (M33) *in press*.

11. **Madić M., Đurović D.,** Paunović A., Knežević D., Biberdžić M., Stevović V., Tomić D., Pavlović N. (2022). Yield and yield components grains of perspective genotypes of winter wheat. 4th International Symposium: Modern Trends in Agricultural Production, Rural Development, Agro-economy, Cooperatives and Environmental Protection, Vrnjaska Banja, Serbia 29 – 30. Jun, 2022. / [editors Zoran Ž. Ilić, Mitar Lutovac]. - Belgrade: The Balkans Scientific Center of the Russian Academy of Natural Sciences, 2022 (Vrnjačka Banja: SaTCIP). 443-451. ISBN 978-86-6042-014-7, COBISS.SR-ID 69401097. INVITED PAPERS (M33)
12. Biberdžić M., Barać S, Stojiljković J., Lalević D., **Madić M.,** Rajičić V. (2022). Maize yield depending on fertilization and soil compaction. 4th International Symposium: Modern Trends in Agricultural Production, Rural Development, Agro-economy, Cooperatives and Environmental Protection, Vrnjaska Banja, Serbia 29 – 30. Jun, 2022. / [editors Zoran Ž. Ilić, Mitar Lutovac]. - Belgrade: The Balkans Scientific Center of the Russian Academy of Natural Sciences, 2022 (Vrnjačka Banja: SaTCIP). 241-254. ISBN 978-86-6042-014-7, COBISS.SR-ID 69401097. INVITED PAPERS (M33)
13. **Madić M., Đurović D., Stevović V., Tomić D.,** Biberdžić M., **Paunović A., Marjanović M.** (2022). Analysis for grain yield of maize hybrids in Western Serbia using Eberhart and Russell model. Book of Proceedings [Електронски извор] / XIII International Scientific Agriculture Symposium “AGROSYM 2022” Jahorina, October 06 - 09, 2022; [editor in chief Dušan Kovačević]. - East Sarajevo = Istočno Sarajevo: Faculty of Agriculture =Poljoprivredni fakultet, 122-128. ISBN 978-99976-987-3-5
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15. Stanojković-Sebić A., Trifunović B., Stojanova M., **Đukić D., Mandić L.,** Vlajić S. (2022): Survival of yersinia pseudotuberculosis in soil. . 4th International Symposium: Modern Trends in Agricultural Production, Rural Development, Agro-economy, Cooperatives and Environmental Protection, 29 – 30. Jun 2022., Vrnjačka Banja, Serbia, Proceedings, 279-282, ISBN 978-86-6042-014-7 (M33)
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Врста активности/категорије	
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