

## PUBLICATION LIST

### Category M20

1. Vukelić ID, Prokić LT, **Racić GM**, Pešić MB, Bojović MM, Sierka EM, Kalaji HM, Panković DM (2021). Effects of *Trichoderma harzianum* on Photosynthetic Characteristics and Fruit Quality of Tomato Plants. *International Journal of Molecular Sciences.*; 22(13):6961. <https://doi.org/10.3390/ijms22136961> (M21)
2. Vidaković, A., Šovljanski, O., Vučurović, D., **Racić, G.**, Đilas, M., Čurčić, N., Markov, S. (2019). Novel denitrifying bacteria *Pseudomonas stutzeri* strain D1 - from isolation to the biomass production. *Chemical Industry and Chemical Engineering Quarterly* DOI: 10.2298/CICEQ190111018V (M23)
3. **Racić, G.**, Vukelić, I., Prokić, L., Čurčić, N., Zorić, M., Jovanović, L., Panković, D. (2018). The influence of *Trichoderma brevicompactum* treatment and drought on physiological parameters, abscisic acid content and signalling pathway marker gene expression in leaves and roots of tomato. *Annals of Applied Biology*, 173(3), 213-221. (M21)
4. Marik, T., Tyagi, C., **Racić, G.**, Rakk, D., Szekeres, A., Vágvölgyi, C., & Kredics, L. (2018). New 19-residue peptaibols from *Trichoderma* clade Viride. *Microorganisms*, 6(3), 85. (M21)
5. **Racić, G.**, Körmöczi, P., Kredics, L., Raičević, V., Mutavdžić, B., Vrvic, M. M., Panković, D. (2016). Effect of the edaphic factors and metal content in soil on the diversity of *Trichoderma* spp. *Environmental Science and Pollution Research*. 24(4):3375-3386 (M22)
6. Petrović, J.J., **Danilović, G.**, Čurčić, N., Milinković, M., Stosic, N., Panković, D., Raičević, V. (2014): Copper tolerance of *Trichoderma* species. *Archives of Biological Sciences*, 66 (1): 137-142. (M23)
7. Körmöczi P, **Danilovic G**, Manczinger L, Jovanovic L, Pankovic D, Vágvölgyi C, Kredics L (2013): Species composition of *Trichoderma* isolates from the rhizosphere of vegetables grown in Hungarian soils. *Fresenius Environmental Bulletin* 22(6): 1736-1741. (M23)
8. **Danilović, G.**, Morina, F., Satovic, Z., Prokić, Lj., Panković, D. (2015): Genetic variability of *Verbascum* populations from metal polluted and unpolluted sites. *Genetika*, 47(1):245-251. (M23)
9. Vukelić I, **Racić G**, Bojović M, Čurčić N, Mrkajić D, Jovanović Lj, Panković D (2020). EFFECT OF *Trichoderma harzianum* ON MORPHO-PHYSIOLOGICAL PARAMETERS AND METAL UPTAKE OF TOMATO PLANTS. *MATICA SRPSKA JOURNAL FOR NATURAL SCIENCES* 139:61-71. ISSN: 0352-4906, (M24)

### Category M30

1. **Racić G**, Vukelić I., Radić D., Bojović M., Mrkajić D., Jovanović Lj., Panković D. (2019). Accumulation of copper by sunflower plants (*Helianthus annuus* L.) grown in hydroponic system. *Proceedings of 8th International Scientific Conference on Climate Change, Economic Development, Environment and People (CCEDEP 2019)* 203-213. (M33)
2. Vukelic I., Bojovic M., Radic D., Prokic Lj., Jovanovic Lj., **Racić G.**, Pankovic D. (2019). Genotype-species dependence of tomato-*Trichoderma* interaction effects on plant sprouting and growth. XVIII Congress July 14–18, 2019; Glasgow, Scotland. (M34)
3. Vukelic I., Radic D., Pecinar I., Levic S., **Racić G.**, Pankovic D. (2019). Raman spectroscopy as a tool to study genotype-species dependence of tomato-*Trichoderma* interaction effects on seed germination. XVIII Congress July 14–18, 2019; Glasgow, Scotland (M34)
4. Panković, D., Radić, D., **Racić, G.**, Vukelić, I., Topić, M., Jovanović, Lj. (2019): The effect of several microbiological strains on growth parameters and leaf pigment contents of two tomato cultivars. PLANTSVITA seminar No5, Diversity and joint results in agricultural research conference, Hódmezővásárhely, Hungary (M34)
5. Radić, D., Vukelić, I., Bojović, M., **Racić G**, Jovanović, Lj., Panković, D. (2019): The effect of different *Trichoderma* species on growth of tomato plantlets and microbiological soil status. 21st DKMT Euroregion Conference on Environment and Health; June 06-08, 2019., Novi Sad, Serbia. (M34)
6. **Racić G**, Vukelić, I., Radić, D., Marik, T., Kredics, L., Jovanović, Lj., Panković, D. (2019): Tolerance of autochthonous *Trichoderma* strains to increased copper and nickel concentrations. 21st DKMT Euroregion Conference on Environment and Health; June 06-08, 2019., Novi Sad, Serbia. (M34)
7. **Racić G**, Vukelić I, Körmöczi P, Kredics L, Jovanović Lj, Vágvölgyi C, Panković D (2018): Ecological and biochemical characteristics of *Trichoderma* strains isolated from Serbian soils. XVI Wellman conference, 8th May, 2018, Hódmezővásárhely, Hungary. (M34)
8. **Racić G.**, Vukelić I., Bojović M., Radić D., Jovanović Lj., Panković D. (2018): Correlations of ABA and physiological parameters up to 48h after *Trichoderma*-Tomato interaction and drought. 3rd International Conference on Plant Biology (22nd SPPS Meeting); 9th -12th June 2018, Belgrade, Serbia. (M34)
9. Vukelić, I., **Racić G**, Radić, D., Mrkajić, D., Kredics, L., Jovanović, Lj., Panković, D. (2018): Applied *T. harzianum* in soil alleviates the toxic effect of metals in soil and changes metal redistribution in tomato plants. 20th DKMT Euroregional conference on environment and health; 07th -08th September 2018, Arad, Romania. (M34)

10. **Racic G**, Vukelić, I., Radić, D., Kostić, M., Jovanović, Lj., Škrbić, B., Panković, D. (2018): Metal content in agricultural soil used in organic plant production. 20th DKMT Euroregional conference on environment and health; 07th -08th September 2018, Arad, Romania. **(M34)**
11. Vukelic I., Curcic N., Bojovic M., **Racic G.**, Mrkajic D., Jovanovic Lj., Pankovic D. (2017): Effect of *T. harzianum* on tomato morpho-physiological parameters and metal uptake. 3rd International Conference Agrobiodiversity - Agricultural systems interactions; 1st - 3rd June 2017, Novi Sad, Serbia. **(M34)**
12. Bojovic M., Vukelic I., **Racic G.**, Prokic Lj., Pesic M., Vukelic N., Pankovic D. (2017): Effect of *Trichoderma harzianum* on morpho-physiological characteristics and fruit quality of tomato plants. 3rd International Conference Agrobiodiversity - Agricultural systems interactions; 1st - 3rd June 2017, Novi Sad, Serbia. **(M34)**
13. **Racic G.**, Vukelic I., Lazović M., Jovanovic Lj., Nesic Lj., Vrvic M., Pankovic D. (2017): Tolerance of indigenous *Trichoderma* strains to increased concentrations of metals. 7th Congress of European Microbiologists - FEMS 2017; 9th - 13th July 2017, Valencia, Spain. **(M34)**
14. Pankovic D., **Racic G.**, Vukelic I., Curcic N., Prokic Lj. (2017): Effect of *T. brevicompactum* and drought on stress related genes of tomato plants. 7th Congress of European Microbiologists - FEMS 2017; 9th - 13th July 2017, Valencia, Spain. **(M34)**
15. Vukelic I., **Racic G.**, Bojovic M., Prokic Lj., Jovanovic Lj., Pankovic D. (2017): Early changes in physiological parameters after *Trichoderma*-Tomato interaction in water stress conditions. COST WG1 / EPPN2020 workshop; 29th - 30th of September 2017; Novi Sad, Serbia. **(M34)**
16. **Danilović G**, Radić D, Raičević V, Jovanović Lj, Kredics L., Panković D. Extracellular enzyme activity of *Trichoderma* strains isolated from different soil types. 2nd International Symposium for Agriculture and Food, 7-9 October 2015, Ohrid, Republic of Macedonia, pp 323-327. **(M34)**
17. **Racić (Danilović) Gordana**, Prokić Ljiljana, Čurčić Nataša, Jovanović Ljubinko, Veljović-Jovanović Sonja, Panković Dejana (2015): The influence of *Trichoderma* spp. treatment on water regime, ABA content and gene expression in leaves and roots of tomato in drought conditions. 2<sup>nd</sup> International Conference on Plant Biology and 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society. Book of abstracts, Petnica, 17-20 June 2015, 152. ISBN 978-86-912591-3-6 **(M34)**
18. Jovanović Lj, Panković D, **Racic G**, Vasiljević I, Lazović M: "Application of biochars in organic production" "Primena biouglja u organskoj poljoprivredi" InterRegioSci2015. **(M34)**
19. **Danilović G**, Čurčić N, Pucarević M, Jovanović Lj, Vagvolgyi Cs, Kredics L, Panković D. 2015. Degradation of linuron in soil by two fungal strains. Zbornik Matice srpske za prirodne nauke, 129: 45-54. **(M34)**
20. Jovicic Petrovic J, **Danilovic G**, Čurcic N, Milinkovic M, Stosic N, Pankovic D, Raicevic V (2014): Copper tolerance Of *Trichoderma* species. Arch. Biol. Sci, 66 (1) pp. 137-142 **(M34)**
21. **Danilovic G**, Körmöczi P, Kredics L., Pankovic D, Jovanovic Lj. (2014): *Trichoderma* as biocontrol agent-benefits and risks, Book of abstracts, Interantional Conference EU Project Collaborations: Challenges for Research Improvements in Agriculture, 2-4 June, 2014, Belgrade, Serbia (ISBN: 978-86-7834-197-7), pp 53 **(M34)**
22. Pankovic D, **Danilovic G.**, Vágvolgyi C, Kredics L, Pucarevic M., Jovanovic Lj. (2014): HU-SRB IPA-PHANETRI PROJECTS-EXAPMPLE OF GOOD CROSS BORDER COOPERATION, Book of abstracts, Interantional Conference EU Project Collaborations: Challenges for Research Improvements in Agriculture, 2-4 June, 2014, Belgrade, Serbia (ISBN: 978-86-7834-197-7), pp 79 **(M34)**
23. **Danilovic G.**, Körmöczi P, Kredics L., Pankovic D, Nesic Lj (2014) VARIABILITY AND ANTAGONISM PROPERTIES OF TRICHODERMA STRAINS ISOLATED FROM THE RHIZOSPHERE OF PLANTS GROWN IN DIFFERENT SOIL TYPES. XVI IS-MPMI International Congress on Plant Microbe Interactions, Book of abstracts on cd, Rhodes 06.-10.07.2014. **(M34)**
24. **Danilovic G.**, Körmöczi P, Vágvolgyi C., Kredics L., Jovanovic Lj, Pankovic D. (2014) SPECIES COMPOSITION OF TRICHODERMA ISOLATES FROM VEGETABLE RHIZOSPHERE IN CONVENTIONAL AND ORGANIC FARMING XVI IS-MPMI International Congress on Plant-Microbe Interactions, Book of abstracts on cd, Rhodes 06.-10.07.2014. **(M34)**
25. Körmöczi P, **Danilovic G**, Manczinger L, Jovanovic L, Pankovic D, Vágvolgyi C, Kredics L (2013): Species composition of *Trichoderma* isolates from the rhizosphere of vegetables grown in Hungarian soils. Fresenius Environmental Bulletin 22:(6) pp. 1736-1741. **(M34)**
26. **Danilović G**, Čurčić N, Jovanović Lj, Prokić Lj, Veljović-Jovanović S (2013): *Trichoderma* effect on drought response of tomato plants. Book of Abstracts, 20<sup>th</sup> Symposium of the Serbian Plant Physiology Society (1<sup>st</sup> International Conference of Plant Biology). Subotica, June 4-7, 2013, 137. **(M34)**
27. Körmöczi P, Kredics L, **Danilovic G**, Jovanovic L, Manczinger L, Pankovic D, Vágvolgyi C: Possibilities of bioremediation, biocontrol and plant growth promotion with *Trichoderma* strains isolated from vegetable rhizosphere samples. ACTA MICROBIOLOGICA ET IMMUNOLOGICA HUNGARICA 60: (S) pp. 163-164. (2013) **(M34)**
28. Kredics, L., Marik, T., Oláh, S., Terhes, D., **Danilović, G.**, Panković, D., Manczinger, L., Vágvolgyi, C., Körmöczi, P. (2012): Species composition of *Trichoderma* communities in hungarian soils used for vegetable cultivation. *Review on agriculture and rural development 1: (1, CD-ROM Supplement)* p. 483. **(M34)**

29. Kredics L., Marik, T., Oláh, Sz., Terhes, D., **Danilović, G.**, Panković, D., Manczinger, L., Vágvölgyi, Cs., Körmöczi, P. (2012): *Trichoderma* species occurring in the rhizosphere of vegetables in different regions of Hungary. 14th DKMT Euroregional Conference on Environment and Health. 18-19.May 2012, Szeged, Hungary. **(M34)**
30. Körmöczi, P., Sajben E., Manczinger, L., **Danilović, G.**, Panković, D., Leitgeb, B., Szekeres, A.,Vágvölgyi, Cs., Kredics L. (2012): Screening of *Trichoderma* isolates from vegetable rhizosphere for in vitro antagonistic potential against plant pathogenic fungi and extracellular laccase production. 14th DKMT Euroregional Conference on Environment and Health. 18-19.May 2012, Szeged, Hungary. **(M34)**
31. Kredics L., Oláh, Sz., Marik, T.Terhes, D., **Danilović, G.**, Panković, D., Manczinger, L., Vágvölgyi, Cs., Körmöczi, P. (2012): Biodiversity of the genus *Trichoderma* in hungarian vegetables rhizosphere samples. Abstracts of the 5th Hungarian Mycological Conference. *Mikol.Kozlem., Clusiana*, 51(1):140-141, 2012. **(M34)**
32. Körmöczi P, Szekeres A, Leitgeb B, **Danilović G**, Panković D, Manczinger L, Vágvölgyi C, Kredics L: Application of the image analysis-based biocontrol index calculation method for the assessment of *in vitro*antagonistic abilities of *Trichoderma* isolates from vegetable rhizosphere samples. In: A Magyar Mikrobiológiai Társaság 2012. évi Nagygyűlése Absztraktfűzet p. 25 **(M34)**

### Category M50

1. **Racić, G.**, Vukelić, I., Radić, D., Bojović, M., Srećkov, Z., Jovanović, L., & Panković, D. (2021). Sadržaj metala u rizosferi biljaka gajenih u organskoj proizvodnji. *ECOLOGICA*,28(101), 1-5. **(M51)**
2. Radić, D., **Racić, G.**, Bojović, M., Prorok, V., Jovanović, Lj., Kredics, L., Panković D. (2020): Uticaj bakterija na morfo-fiziološke karakteristike paradajza (*Solanum lycopersicum* L.) . *ECOLOGICA* No 100: 617-623. **(M51)**
3. Radić D, Jovičić-Petrović J, Karličić V, **Racić G**, Vukelić I, Panković D, Vera Raičević (2018): Soil yeasts and their efficiency in stimulation of the red clover growth (*Trifolium pratense* L.). *Ecologica* 899-905. **(M51)**
4. **Danilović, G.**, Radosavljević, S., Panković, D., Jovanović, Lj. (2012): Uloga mikroorganizama u bioremedijaciji zemljišta zagađenog teškim metalima. Radovi saopšteni na stručnom međunarodnom skupu, *Ecologica*, 67: 422-426. ISSN 0354-3285.
5. **Danilović, G.**, Vrvic, M., Jovanović, Lj., Panković, D. (2013): Ispitivanja varijabilnosti gljiva iz roda *Trichoderma* u rizosferi različitih povrtarskih kultura. *Ecologica*, 72: 603-607.
6. **Danilović G**, Čurčić N, Pucarević M, Jovanović Lj, Vagvolgyi Cs, Kredics L, Panković D. 2015. Degradation of linuron in soil by two fungal strains. *Zbornik Matice srpske za prirodne nauke*, 129: 45-54.

### Category M60

- 1.Panković, D., **Danilovic, G.**, Satovic, Z., Morina, F., Veljović-Jovanović S., Jovanović, Lj. (2011): Genetički diverzitet potencijalnog fitoremedijatora teških metala iz roda *Verbascum*. (Srbija). *Zbornik abstrakata prvog naučnog skupa Fakulteta zaštite životne sredine: Zaštita životne sredine*. Srbija, Sremska Kamenica 2011, pp. 19. ISBN 978-86-97785-29-8.
- 2.**Danilović, G**, Čurčić, N., Škorić, D., Panković, D. (2012): Biotehnološki aspekti otpornosti biljaka prema gljivičnim oboljenjima u zaštiti životne sredine. *Zbornik radova Prvog naučnog skupa „Zaštita životne sredine”*, str. 72-76, Sremska Kamenica, Univerzitet Educons. ISBN 978-86-87785-35-9.
- 3.Körmöczi P, Oláh S, Marik T, Terhes D, Danilovic G, Pankovic D, Manczinger L, Vágvölgyi C, Kredics L: *A Trichoderma* nemzetség biodiverzitása magyarországi zöldségrhizoszféra mintákban. *MIKOLÓGIAI KÖZLEMÉNYEK-CLUSIANA* 51:(1) pp. 140-141. (2012)

### Category M80

- 1.Pankovic, D., Jovanović, Lj., **Racić, G.**, Radić, D., Bojović, M., Vukelić, I. (2019). Biostimulator based on *Trichoderma harzianum* for use in crop production TR 31080. Technical solution. **(M82)**