|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | Slobodanka Pajević | | | | | |
| **Title** | | | | | Full Professor | | | | | |
| **Narrow scientific area** | | | | | Plant physiology | | | | | |
| **Academic career** | | | **Year** | | **Institution** | | **Area** | **Narrow scientific or art area** | | |
| Election to the title | | | 2007 | | University of Novi Sad, Faculty of Sciences | | Biology | Plant physiology | | |
| PhD | | | 1997 | | University of Novi Sad | | Biology | Plant physiology | | |
| Master diploma | | | 1991 | | University of Novi Sad | | Biology | Taxonomy | | |
| Diploma | | | 1984 | | University of Novi Sad | | Biology | Biology | | |
| **List of subjects the teacher is lecturing in doctoral studies** | | | | | | | | | | |
| **No.** | | **Mark** | | **Subject name** | | | | | | |
| 1. | | DNE001 | | Physiological Plant Ecology | | | | | | |
| The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field **(minimum 10, not more than 20)** | | | | | | | | | | |
| 1. | **Slobodanka Pajević**, Milan Borišev, Nataša Nikolić, Danijela D. Arsenov, Saša Orlović and Milan Župunski (2016): Phytoextraction of Heavy Metals by Fast-Growing Trees: A Review. In: Phytoremediation: Managment of environmental contaminants (Abid Ali Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman, eds.). Springer Int. Publish. Switzerland, Vol. 3., p.p. 29-64. Chapter in Int. Monograph. ISBN 978-3-319-40146-1 | | | | | | | | | M13 |
| 2. | Milan Borišev, **Slobodanka Pajević**, Nataša Nikolić, Andrej Pilipović, Danijela Arsenov, Milan Župunski (2018): Mine site restoration using sylvicultural approach. In: Bio-Geotechnologies for Mine Site rehabilitation, 1st edition (Prasad MNV, Favas PJC, Maiti SK, eds.). Elsevier, Netherlands, pp. 115-130. Chapter in Int. Monograph.ISBN: 978-0-12-812986-9. | | | | | | | | | М13 |
| 3. | Milan Župunski, **Slobodanka Pajević**, Danijela Arsenov, Nataša Nikolić, Andrej Pilipović, Milan Borišev (2018): Insights and lessons learned from the long-term rehabilitation of AMLs - a plant based approach. In: Bio-Geotechnologies for Mine Site Rehabilitation, 1st edition (Prasad MNV, Favas PJC, Maiti SK, eds.). Elsevier, Amsterdam, Netherlands. pp. 215-232. Chapter in International Monograph. ISBN: 978-0-12-812986-9. | | | | | | | | | М13 |
| 4. | Borišev Milan, Borišev Ivana, Župunski Milan, Arsenov Danijela, **Pajević Slobodanka**, Ćurčić Živko, Vasin Jovica, Đorđević Aleksandar (2016): Drought Impact Is Alleviated in Sugar Beets (Beta vulgaris L.) byFoliar Application of Fullerenol Nanoparticles. PLoS One / Public Library of Science 11 (11), (ISSN: 1932-6203). | | | | | | | | | М21 |
| 5. | Horak, R., Župunski, M., **Pajević S.**, Borišev, M., Arsenov D., Nikolic, N., Orlović, S., (2019): Carbon assimilation in oak (Quercus spp.) populations under acute and chronic high-temperature stress. PHOTOSYNTHETICA 57 (3): 875-889. | | | | | | | | | М22 |
| 6. | Arsenov, D., Župunski, M., Borišev, M., Nikolić, N., Pilipović, A., Orlović, S, Kebert, M., **Pajević, S.** (2019): Citric acid as soil amendment in cadmium removal by Salix viminalis L., alterations on biometric attributes and photosynthesis. International Journal of Phytoremediation. | | | | | | | | | М22 |
| 7. | **Pajevic, S.**, Arsenov D., Nikolic, N., Borisev, M., Orcic, D., Zupunski, M., Mimica-Dukic, N. (2018): Heavy metal accumulation in vegetable species and health risk assessment in Serbia. Environmental Monitoring and Assessment 190, 8, p. | | | | | | | | | М22 |
| 8. | Nikolić, N., Zorić, L., Cvetković, I., **Pajević, S.**, Borišev, M., Orlović, S., Pilipović, A. (2017): Assessment of cadmium tolerance and phytoextraction ability in young Populus deltoides L. and Populus x euramericana plants through morpho-anatomical and physiological responses to growth in cadmium enriched soil. IForest-Biogeosciences and Forestry, vol. 10, p.p. 635-644. | | | | | | | | | М22 |
| 9. | Borišev, M., **Pajević, S.**, Nikolić, N., Orlović, S., Župunski, M., Pilipović, A., Kebert, M. (2016): Magnesium and iron deficiencies alter Cd accumulation in Salix viminalis L. International journal for phytoremediation 18 (2), 164-170.e13141. | | | | | | | | | M22 |
| 10. | Župunski, M., Borišev, M., Orlović, S., Arsenov, D., Nikolić, N., Pilipović, A., **Pajević, S.** (2016): Hydroponic screening of black locust families for heavy metal tolerance and accumulation. International Journal of Phytoremediation 18 (6), 583-591. | | | | | | | | | М22 |
| 11. | **Pajević S.,** Borišev, M., Nikolić, N., Luković J., Župunski M., Arsenov, D., Orlović, S. (2014): Phytoextraction of Elevated Heavy Metals in Soil by Using Fast Growing Trees (Salix sp. and Populus sp.). The International Bioscience Conference IBSC 29-30 September 2014., Phuket, Thailand. Proceedings, 13-18. (Invited lecture) | | | | | | | | | М31 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | |
| Total number of citations, without self citations | | | | | | 326 (Scopus) | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | 40 | | | | |
| Current participation in projects | | | | | | Domestic 3 | | | International 1 | |
| |  | | --- | | Specializations France, University of Nice-Sophia Antipolis – UNSA  Finland, University of Eastern Finland (UEF), teaching  Italy, University of Naples Federico II, Naples, teaching  Spain, University of Alcala (UAH), Alcala de Henares, Madrid, teaching/training  Thailand, Prince of Songkla University (PSU), Hat-Yai, teaching / visiting professor  Finland, University of Turku (UTU), teaching  France, Lille Catholic University, teaching | | Membership Federation of European Societies of Plant Biology (FESPB) | | | | | | | | | | | |