

ОДСЕК ЗА ПРИРОДНЕ РЕСУРСЕ И ЖИВОТНУ СРЕДИНУ
Репрезентативне референце у периоду 2007-2011. год.

Група др Мирослава Николића

Поглавље у истакнутој монографији међународног значаја (M13)

1. Weise H., **Nikolic M.**, Römheld V. 2007. Silicon in plant nutrition. In: The Apoplast of Higher Plants: Compartment of Storage, Transport and Reactions, B. Sattelmacher and W.J. Horst (Eds), pp. 33-47. Springer-Verlag, Berlin. ISBN: 978-1-4020-5842-4.
2. **Nikolic M.**, Römheld V. 2007. The dynamics of iron in the leaf apoplast. In: The Apoplast of Higher Plants: Compartment of Storage, Transport and Reactions, B. Sattelmacher and W.J. Horst (Eds.), pp. 367-386. Springer-Verlag, Berlin. ISBN: 978-1-4020-5842-4.
3. Römheld V., **Nikolic M.** 2007. Iron (Chapter 11). In: Handbook of Plant Nutrition, A.V. Barker and D.J. Pilbeam (Eds.), pp. 329-350. CRC Press: Taylor & Francis Group, Boca Raton, New York. ISBN: 0-8247-5904-4.

Рад у врхунском међународном часопису (M21)

4. Song A., Li P., Li Z., Fan F., **Nikolic M.**, Liang Y. 2011. The alleviation of zinc toxicity by silicon is related to zinc transport and antioxidative reactions in rice. *Plant and Soil*, DOI:10.1007/s11104-011-0749-3. (5-Year IF: 2.799)
5. **Nikolic N.**, **Kostic Lj.**, Djordjevic A., **Nikolic M.** 2011. Phosphorus deficiency is the major limiting factor for wheat on alluvium polluted by the copper mine pyrite tailings: a black box approach. *Plant and Soil* 339: 485-498. (5-Year IF: 2.799)
6. Todorović S., Giba Z., Bačić G., **Nikolić M.**, Grubišić D. 2008. High seed Mn content does not affect germination of *in vitro* produced *Centaureum pulchellum* seeds. *Environmental and Experimental Botany* 64: 322-324. (5-Year IF: 3.355)
7. **Nikolic M.**, **Nikolic N.**, Liang Y., Kirkby E.A., Römheld V. 2007. Germanium-68 as an adequate tracer for silicon transport in plants. Characterization of silicon uptake in different crop species. *Plant Physiology* 143: 495-503. (5-Year IF: 6.982)
8. **Nikolic M.**, Cesco S., Römheld V., Varanini Z., Pinton R. 2007. Short-term interactions between nitrate and iron nutrition in cucumber. *Functional Plant Biology* 34: 402-408. (5-Year IF: 2.276)
9. Savic J., **Nikolic M.**, Prodanovic S., Römheld V. 2007. Boron uptake by the root cortex symplast of tomato and pea plants: evidence for low-boron-induced active transport. *Functional Plant Biology* 34: 1130-1136. (5-Year IF: 2.276)

ГРУПА ЗА ИХТИОЛОГИЈУ И АКВАКУЛТУРУ

Репрезентативне референце у периоду 2007-2011. год.

Рад у врхунском међународном часопису (M21)

10. **Lenhardt, M.**, Markovic, G., **Gačić, Z.** (2009). Decline in the Index of Biotic Integrity of the Fish Assemblage as a Response to Reservoir Aging. *Water Resources Management* 23 (9): 1713-1723. (5-Year IF: 2.218)
11. **Jarić, I.**, Ebenhard, T., Lenhardt, M. (2010). Population viability analysis of the Danube sturgeon populations in a Vortex simulation model. *Reviews in Fish Biology and Fisheries* 20(2): 219-237. (5-Year IF: 3.534)

12. **Lenhardt, M.**, Marković, G., **Hegediš, A.**, Maletin, S., Ćirković, M. and Marković, Z. (2010). Non-native and translocated fish species in Serbia and their impact on the native ichthyofauna. *Rev. Fish. Biol. Fisheries*. DOI 10.1007/s11160-010-9180-8. (5-Year IF: 3.534)
13. Poleksić, V., **Lenhardt, M.**, **Jarić, I.**, Djordjević, D., **Gačić, Z.**, **Cvijanović, G.**, Rašković, B. (2010). Liver, gills, and skin histopathology and heavy metal content of the Danube sterlet (*Acipenser ruthenus* Linnaeus, 1758). *Environmental toxicology and chemistry* 29(3): 515-521. (5-Year IF: 2.734)
14. **Visnjic-Jeftic, Ž.**, **Jarić, I.**, Jovanović, Lj., **Skorić, S.**, **Smederevac-Lalić, M.**, **Nikčević, M.**, **Lenhardt, M.** (2010). Heavy metal and trace element accumulation in muscle, liver and gills of Pontic shade (*Alosa immaculata* Bennet, 1835) from the Danube River (Serbia). *Microchemical Journal* 95(2): 341-344. (5-Year IF: 2.217)
15. **Jarić, I.**, **Višnjić-Jeftić, Ž.**, **Cvijanović, G.**, **Gačić, Z.**, Jovanović, Lj., **Skorić, S.**, **Lenhardt, M.** (2011). Determination of differential heavy metal and trace element accumulation in liver, gills, intestine and muscle of sterlet (*Acipenser ruthenus*) from Danube River in Serbia by ICP-OES. *Microchemical Journal* 98(1): 77-81. (5-Year IF: 2.217)

Др Пеђа Јованић - Репрезентативне референце у периоду 2007-2011. год.

Рад у врхунском међународном часопису (M21)

16. Stamenković, I.S., Banković-Ilić, I.B., **Jovanić P.B.**, Veljković, V.B., Skala, D.U. (2010). Hydrodynamics of a cocurrent upflow liquid-liquid reciprocating plate reactor for homogeneously base-catalyzed methanolysis of vegetable oils. *Fuel* 89: 3971-3984. (5-Year IF: 3.087)
17. Vlahović, M.M., Martinović, S.P., Boljanac, T.Dj., **Jovanić, P.B.**, Volkov-Husović, T.D. (2011). Durability of sulfur concrete in various aggressive environments, *Construction and Building Materials*. doi:10.1016/j.conbuildmat.2011.04.024 (5-Year IF: 1.515)