Lista de lucrări relevante pentru realizările profesionale proprii

1. Iordache, A.M., **Nechita, C.**, Voica, C., Pluhacek, T., Schug Kevin, A., 2022. *Climate change extreme and seasonal toxic metals occurrence in Romanian freshwaters in the last two decades — case study and critical review*. npj Clean Water. https://doi.org/10.1038/s41545-021-00147-w (IF 9,378; SRI 4,652).

2. **Nechita, C.**, Iordache, A.M., Lemr, K., Levanič, T., Pluhacek, T., 2021. *Evidence of declining trees resilience under long term heavy metal stress combined with climate change heating*. Journal of Cleaner Production, 128428. https://doi.org/10.1016/j.jclepro.2021.128428 (IF 9,297; SRI 2,059).

3. **Nechita, C.**, Iordache, A.M., Costinel, D., Botoran, O.R., Dănilă, G., Ionete, R.E., Varlam, M., 2022. Contrasting signals in TRW, BAI, $\delta^{18}O$ and $\delta^{13}C$ *Pinus sylvestris* L. and *Pinus nigra* J. F. Arnold in northeastern Romania. Forests. https://doi.org/10.3390/f13020336 (IF 2,634; SRI 1,314).

4. Iordache, A.M., **Nechita, C.**, Zgavarogea, R., Voica, C., Varlam, M., Ionete, R.E., 2022. *Accumulation and ecotoxicological risk assessment of heavy metals in surface sediments of Olt river, Romania.* Scientific Reports. https://doi.org/10.1038/s41598-022-04865-0 (IF 4,13; SRI 2,35).

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7. **Nechita**, C., Macovei, I., Popa, I., Badea, O.N., Apostol, E.N., Eggertsson, Ó., 2019. *Radial growth-based assessment of sites effects on pedunculate and greyish oak in southern Romania*. Science of the Total Environment. 694, 133709. https://doi.org/10.1016/j.scitotenv.2019.133709 (IF 7,137; SRI 2,099)

8. **Nechita, C.**, Čufar, K., Macovei, I., Popa, I., Badea, N.O., 2019. *Testing three climate datasets for dendrochronological studies of oaks in the South Carpathians*. Science of the Total Environment. 694, 133709. https://doi.org/10.1016/j.scitotenv.2019.133730 (IF 7,137; SRI 2,099)

9. **Nechita, C.**, Eggertsson, O., Badea, N.O., Popa, I., 2018. *A 781-year oak tree-ring chronology for the Middle Ages archaeological dating in Maramureş (Eastern Europe)*. Dendrochronologia. 52, 105–112. *https://doi.org/10.1016/j.dendro.2018.10.006* (IF 2,293; SRI 1,690)

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20 Mai 2022

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