

LISTA LUCRĂRIILOR PUBLICATE

A. Cărți și capitole în cărți de specialitate internaționale

1. Florin Păcurar, Katja Brinkmann, Eckhard Auch, Ioan Augustin Goia, Ioan Rotar. *Bewirtschaftung der Mahwiesen und - weiden - publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa*, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold, 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 160-161.
2. Katja Brinkmann, Florin Păcurar. *Bewertung der Offenlandnutzung im Grunlandmodul - publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa*, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 251-264.
3. Florin Păcurar, Katja Brinkmann. *Leitprojekt Optimierte Grunlandnutzung*, publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 373-375.
4. Florin Păcurar, Silviu Apahidean. *Leitprojekt Optimierung der Pflanzenanbautechnik*, publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 376-377.

B. Cărți și capitole în cărți de specialitate naționale

1. Păcurar Florin, I. Rotar. *Metode de studiu si interpretare a vegetației pajistilor*, 2014, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-1452-1, 2014.
2. Vârban R., Florin Păcurar. *Dicționar de botanică, pratologie si agroecologie*, 2011, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-0666-3, 2011.
3. Păcurar Florin. *Specii indicator - pentru evaluarea și elaborare managementului sistemelor cu înaltă valoare naturală*, Casa Cărții de Știință, ISBN 978-606-17-1621-0, 2020.

C. Suport didactic – Manuale și îndrumătoare de lucrări practice

1. Pacurar Florin, Ioan Rotar. *Ecopratologie*, AcademicPres, Cluj-Napoca, Romania, ISBN 978-973-744-416-5, 2015.
2. Pacurar Florin, Ioan Rotar. *Indrumator de lucrari practice-Ecopratologie*, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-1705-8, 2015.
3. Pacurar Florin, Ioana Vaida. *Indrumator de lucrari practice - Investigarea factorilor de mediu*, AcademicPress, ISBN - 978-973-744-814-9, 2020.



D. Articole publicate în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters

1. Vidican R., Păcurar F., Vâtcă S.D., Pleșa A., Stoian, V., 2020. Arbuscular Mycorrhizas Traits and Yield of Winter Wheat Profiled by Mineral Fertilization. *Agronomy*, 10(6), p.846.
2. Păcurar F., Balázsi Á., Rotar I., Vaida I., Reif A., Vidican R., Rușdea E., Stoian V., Sângeorzan D., 2020. Technologies used for maintaining oligotrophic grasslands and their biodiversity in a mountain landscape. *Romanian Biotechnological Letters*, 25(1), pp. 1128-1135.
3. Rotar I., Vaida I., Păcurar F., 2020. Species with indicative values for the management of the mountain grasslands. *Romanian Agricultural research*, no. 37, pp. 189-196.
4. Mălinăș A., Rotar I., Vidican R., Iuga V., Păcurar F., Mălinăș C., Moldovan C., 2020. Designing a Sustainable Temporary Grassland. System by Monitoring Nitrogen Use Efficiency. *Agronomy*, 10(1), pp.149.
5. Stoian V., Vidican R., Crișan I., Puia C., Șandor M., Stoian V., Păcurar F., Vaida I., 2019. Sensitive approach and future perspectives in microscopic patterns of mycorrhizal roots. *Scientific reports*, 9(1), pp.1-8.
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7. Stoian V., Vidican R., Rotar I., Păcurar F., Șandor M., Buta M., 2018. Mycorrhizas as a tool in mapping agricultural soils. *Scientific Papers-Series A, Agronomy*, 61(1), pp.1128-1135.
8. Stoian V., Vidican R., Rotar I., Păcurar F., Morea A., 2016. Mycorrhizas in *Trifolium Repens*-A Short Term High Experiment Approach. *Agriculture and Agricultural Science Procedia*, 10, pp.39-46.
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10. Deac V., Rotar I., Vidican R., Mălinăș A., Păcurar F., 2016. Researches Concerning the Productivity and Quality of Onix Soybean. *Agriculture and Agricultural Science Procedia*, 10, pp.112-117.
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12. Păcurar F., Rotar I., Reif A., Vidican R., Stoian V., Gaertner S.M., Allen R.B., 2014. Impact of Climate on Vegetation Change in a Mountain Grassland-Succession and Fluctuation. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 42(2), pp. 347-356.
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15. Păcurar F., Rotar I., Bogdan A., Vidican R., Dale L., 2012. The influence of mineral and organic long-term fertilization upon the floristic composition of *Festuca rubra* L.-*Agrostis capillaris* L. grassland in Apuseni mountains, Romania. *Journal of Food, Agriculture and Environment*, vol. 10(1), pp. 866-879.



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25. Apahidean A., Apahidean M., Păcurar F., 2004. Experimental results on the possibilities of vegetable growing in the area of western Carpathian Mountains from Romania. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 32, pp.30-34 & Bulletin of the University of Agricultural Sciences and Veterinary Medicine, vol 61: Horticulture. pp. 398-398.
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28. Roxana V., Rotar I., Sima N., Pacurar F., 2002, The recovery of N-mineral applied to mixed culture *Dactylis glomerata* and *Medicago sativa*. Bulletin of the University of Agricultural Sciences and Veterinary Medicine, vol 57, pp. 58-61.
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E. Articole științifice indexate în alte baze de date internaționale (BDI)

1. Rotar I., Vidican R., Păcurar F., Pleșa A., Vaida I., Deak D., Mălinăș A., 2019. Manure and gulle in a Transylvanian pasture. Romanian Journal of Grassland and Forage Crops (2019)19, pp.63-67.
2. Constantea D., Rotar I., Vidican R., Păcurar F., Bănățeanu C., Vaida I., Mălinăș A., 2019. Results obtained from the biological consequences a varieties and lines of barley in the conditions of research and development livada agriculture. Romanian Journal of Grassland and Forage Crops, 19, pp. 19-31.
3. Păcurar F., Rotar I., Vaida I., 2019. The effects of wild boar disturbances on the agronomical value of semi-natural grasslands. Romanian Journal of Grassland and Forage Crops, 20, pp.27-36.
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5. Rotar I., Păcurar F., Vidican R. M., Iuga V., Mălinăș, A., 2019. The best seeding density and N fertilization level for red clover and Italian ryegrass in pure stands and in mixture. Grassland Science in Europe, vol. 24, Research Collection, 25(10.98), pp. 185-187.
6. Vidican R., Rotar I., Păcurar F., Stoian V., 2019. Variations induced by fertilizers on mycorrhizal status in natural grasslands. Research Collection, pp. 461-463.
7. Sângeorzan D., Rotar I., Păcurar F., Vaida I., Suteu A., Deiac V., 2018. The definition of oligotrophic grasslands. Romanian Journal of Grassland and Forage Crops, vol. 17, pp. 33-42.
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13. Sângeorzan D., Rotar I., Vidican Roxana, Păcurar F., Ranta O., 2018. Romania's diet footprints: minimum arable land and ecological footprint of Consumption, From 1961 To 2013. Romanian Journal of Grassland and Forage Crops (2018)18, pp. 65-74.
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