

Portofoliu de lucrări științifice

- domeniul Silvicultură –

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1. **Duduman G.**, Roibu C.-C., Duduman M.-L., Miron-Onciul M., 2010. The influence of competition and dimensional-spatial characteristics of trees on their radial growth in Old-Growth Slătioara forest, Romania. *AES Bioflux* 2(2):215-230. ISSN: 2066-7620 (CABI).
<http://www.aes.bioflux.com.ro/docs/2010.2.215-230.pdf>
2. **Duduman G.**, 2011. *A forest management planning tool to create highly diverse uneven-aged stands*. *Forestry*, 84(3): 301-314, Online ISSN 1464-3626 - Print ISSN 0015-752X. WOS:000293170000008, <http://forestry.oxfordjournals.org/content/84/3/301.abstract>
3. Tulbure C., **Duduman G.** (✉), 2012. *A conversion method of young hornbeam coppices and its possible impact on future stand structural attributes*. *Ann. For. Res.* 55(2): 281-296, ISSN: 1844-8135. WOS:000313930400012, <http://www.afrjournal.org/index.php/afr/article/view/67>
4. Jucker T., Bouriaud O., Avăcăriței D., Dănilă I., **Duduman G.**, Valladares F., Coomes D.A., 2014. *Competition for light and water play contrasting roles in driving diversity-productivity relationships in Iberian forests*. *Journal of Ecology*, 102 (5): 1202-1213. DOI: 10.1111/1365-2745.12276, ISSN: 0022-0477. WOS:000340681300011, <http://onlinelibrary.wiley.com/doi/10.1111/1365-2745.12276/abstract>
5. Jucker, T., Avăcăriței, D., Bărnoaiea, I., **Duduman, G.**, Bouriaud, O. and Coomes, D. A. (2016), *Climate modulates the effects of tree diversity on forest productivity*. *J Ecol*, 104: 388–398. doi:10.1111/1365-2745.12522, Online ISSN: 1365-2745. WOS:000370959800011, <http://onlinelibrary.wiley.com/doi/10.1111/1365-2745.12522/abstract>
6. **Duduman G.**, Drăgoi M., 2019. *Amenajarea pădurilor – Organizare spațio-temporală*. Editura Universității „Ștefan cel Mare” Suceava, X+209p. ISBN 978-973-666-559-2.
7. **Duduman, G.**; Duduman, M.-L.; Avăcăriței, D.; Bărnoaiea, I.; Barbu, C.-O.; Ciornei, I.; Clinovschi, F.; Coșofreț, V.C.; Cotos, M.-G.; Dănilă, G.; Dănilă, I.-C.; Drăgoi, M.; Flocea, M.-N.; Horodnic, S.-A.; Iacobescu, O.; Mazăre, G.C.; Măciucă, A.; Mursa, A.; Palaghianu, C.; Pohonțu, C.M.; Roibu, C.-C.; Savin, A.; Tomescu, C.V.; Scriban, R.-E. *A Permanent Research Platform for Ecological Studies in Intact Temperate Mountainous Forests from Slătioara UNESCO Site and Its Surroundings, Romania*. *Forests* 2020, 11, 1004. WOS:000580074000001, <https://doi.org/10.3390/f11091004>

8. Nichiforel, L.; **Duduman, G.**; Scriban, R.E.; Popa B.; Barnoaiea, I.; Drăgoi, M. *Forest ecosystem services in Romania: Orchestrating regulatory and voluntary planning documents*. Ecosystem Services, Volume 49, 2021, 101276, ISSN 2212-0416, WOS: 000663762100008, <https://doi.org/10.1016/j.ecoser.2021.101276>.
9. **Duduman, G.**; Barnoaiea, I.; Avăcăriței, D.; Barbu, C.-O.; Coșofreț, V.-C.; Dănilă, I.-C.; Duduman, M.-L.; Măciucă, A.; Drăgoi, M. *Aboveground Biomass of Living Trees Depends on Topographic Conditions and Tree Diversity in Temperate Montane Forests from the Slătioara-Rarău Area (Romania)*. Forests 2021, 12, 1507. WOS: 000725141800001, <https://doi.org/10.3390/f12111507>
10. Barbu C-O, **Duduman G.** (✉), Tomescu CV. *Variation Patterns of Forest Structure Diversity after Set-Aside in Rarău-Giumalău Mountains, Romania*. Forests. 2023; 14(2):251, WOS: 000938592200001. <https://doi.org/10.3390/f14020251>.

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