

Autorul tezei de abilitare: Conf. Dr. Ion Cătălin Petrițan

Titlul tezei de abilitare: Evaluarea structurii și dinamicii ecosistemelor forestiere, precum și a efectelor modificărilor de mediu asupra componentelor acestora

Domeniul: Silvicultură

LISTA DE LUCRĂRI

LUCRĂRI RELEVANTE

1. **Petritan I.C.**, Commarmot B., Hobi M.L., Petritan A.M., Bigler C., Abrudan I.V., Rigling A. 2015. Structural patterns of beech and silver fir suggest stability and resilience of the virgin forest Sinca in the Southern Carpathians, Romania. **Forest Ecology and Management** 356: 184-195.
2. **Petritan I.C.**, Marzano R., Petritan A.M., Lingua E. 2014. Overstorey succession in a mixed *Quercus petraea*–*Fagus sylvatica* old growth forest revealed through the spatial pattern of competition and mortality. **Forest Ecology and Management** 326: 9-17.
3. Petritan A.M., Biris I.A., Merce O., Turcu D., **Petritan I.C.** 2012. Structure and diversity of a natural temperate sessile oak (*Quercus petraea* L.) - European beech (*Fagus sylvatica* L.) forest. **Forest Ecology and Management** 280: 140-149.
4. **Petritan I.C.**, von Lüpke B., Petritan A.M. 2012. Response of planted beech (*Fagus sylvatica* L.) and Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) saplings to herbaceous and small shrubs control on clearcuts. **Journal of Forest Research** 17: 164-174.
5. **Petritan I.C.**, von Lüpke B., Petritan A.M. 2011. Effects of root trenching of overstorey Norway spruce (*Picea abies*) on growth and biomass of underplanted beech (*Fagus sylvatica*) and Douglas fir (*Pseudotsuga menziesii*) saplings. **European Journal of Forest Research** 130: 813-828.

TEZA DE DOCTORAT

Contribuții la studiul statistic al parametrilor morfometrici și morfohidrologici ai bazinelor hidrografice mici, predominant forestiere. Universitatea Transilvania Brașov

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6. Strimbu B.M., **Petritan I.C.**, Montes C., Biris I.A. 2017. An assessment of the O-ring methodology using virgin stands of mixed European beech–Sessile oak. **Forest Ecology and Management** 384: 378-388.
7. Vasile D., Petritan A.M., Tudose N.C., Toiu F.L., Scarlatescu V., **Petritan I.C.** 2017. Structure and Spatial Distribution of Dead Wood in Two Temperate Old-Growth Mixed European Beech Forests. **Notulae Botanicae Horti Agrobotanici Cluj-Napoca** 45(2): 639-645.
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12. Clinciu I., **Petrițan I.C.**, Niță M.D. 2015. Magnitude of damage events on hydrotechnical torrent control structures. **Environmental Engineering and Management Journal** 14(1): 57-71.
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16. Petrițan A.M., Biris I.A., Merce O., Turcu D., **Petrițan I.C.** 2012. Structure and diversity of a natural temperate sessile oak (*Quercus petraea* L.) - European beech (*Fagus sylvatica* L.) forest. **Forest Ecology and Management** 280: 140-149.
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18. **Petrițan I.C.**, von Lüpke B., Petrițan A.M. 2011. Fine roots of overstorey Norway spruce (*Picea abies*): distribution and influence on growth of underplanted beech (*Fagus sylvatica*) and Douglas-fir (*Pseudotsuga menziesii*) saplings. **Forest Systems** 20: 407-419.
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Semnătură autor