

Yuste, JC, Flores-Renteria, D, Garcia-Angulo, D, Heres, AM, Braga, C, Petritan, AM, Petritan, IC. Cascading effects associated with climate-change-induced conifer mortality in mountain temperate forests result in hot-spots of soil CO₂ emissions. *Soil Biology and Biochemistry* 133:50-59.
DOI: 10.1016/j.soilbio.2019.02.017
Published: JUN 2019 **WOS:**000487001800006,
https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D4kCwhZdGd3r7vZhboI&page=1&doc=2

Nguyen H., Erfanifard Y., Pham V., Le X., **Petritan I.C.** 2018. Spatial Association and Diversity of Dominant Tree Species in Tropical Rainforest, Vietnam. *Forests* 9(10): 615
Published: OCT 2018
DOI: 10.3390/f9100615
WOS:000448550700034
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=2

Nguyen H.H., Erfanifard Y., **Petritan I.C.** 2018. Nearest Neighborhood Characteristics of a Tropical Mixed Broadleaved Forest Stand. *Forests* 9(1): 33.
Published: JAN 2018
DOI: 10.3390/f9010033
WOS:000424115000032
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=2

Dölle M., Petritan A.M., Biris I.A., **Petritan I.C.** 2017. Relations between tree canopy composition and understorey vegetation in a European beech-sessile oak old growth forest in Western Romania. *Biologia* 72(12): 1422-1430
Published: DEC 2017
DOI: 10.1515/biolog-2017-0165
WOS:000422841900005
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=3

Annighöfer P., Petritan A.M., **Petritan I.C.**, Ammer C. 2017. Disentangling juvenile growth strategies of three shade-tolerant temperate forest tree species responding to a light gradient. *Forest Ecology and Management* 391: 115-126.
Published: MAY 1 2017
DOI: 10.1016/j.foreco.2017.01.010
WOS:000399511500012
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=4

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.
Published: JAN 15 2017
DOI: 10.1016/j.foreco.2016.10.055
WOS:000390727600039
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=5

Petritan

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.
Published: 2017
DOI: 10.15835/nbha45210829
WOS:000411504400044
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=6

Petritan A.M., Bouriaud O., Frank D.C., **Petritan I.C.** 2017. Dendroecological reconstruction of disturbance history of an old-growth mixed sessile oak-beech forest. **Journal of Vegetation Science** 28(1): 117-127
Published: JAN 2017
DOI: 10.1111/jvs.12460
WOS:000395422900012
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=7

Dinulica F., Marcu V., Borz S.A., Vasilescu M.M., **Petritan I.C.** 2016. Wind contribution to yearly silver fir (*Abies alba* Mill.) compression wood development in the Romanian Carpathians. **iForest-Biogeosciences and Forestry** 9(6): 927
Published: DEC 2016
DOI: 10.3832/for1742-008
WOS:000391850300011
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=8

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
Published: NOV 15 2015
DOI: 10.1016/j.foreco.2015.07.015
WOS:000364885100020
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=1&doc=9

Petritan I.C., Marzano R., Petritan A.M., Lingua E. 2014. Overstory 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
Published: AUG 15 2014
DOI: 10.1016/j.foreco.2014.04.017
WOS:000339129700002
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=12

Petritan A.M., Nuske R.S., **Petritan I.C.**, Tudose N. C. 2013. Gap disturbance patterns in an old-growth sessile oak (*Quercus petraea* L.)-European beech (*Fagus sylvatica* L.) forest remnant in the Carpathian Mountains, Romania. **Forest Ecology and Management** 308: 67-75
Published: NOV 15 2013
DOI: 10.1016/j.foreco.2013.07.045
WOS:000328522200008
http://apps.webofknowledge.com/full_record.do?product=WOS&search mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=14

Petritan

- 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
Published: SEP 15 2012
DOI: 10.1016/j.foreco.2012.06.007
WOS:000307693400016
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=15
- 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
Published: APR 2012
DOI: 10.1007/s10310-011-0290-5
WOS:000303146700006
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=16
- Petritan I.C.**, von Lüpke B., Petritan 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
Published: DEC 2011
DOI: 10.5424/fs/20112003/11136
WOS:000298059900006
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=17
- 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
Published: SEP 2011
DOI: 10.1007/s10342-010-0473-1
WOS:000293970700012
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=18
- Petritan I.C.**, von Lüpke B., Petritan A.M. 2011. Influence of shelterwood and ground vegetation on late spring frost damages of planted beech (*Fagus sylvatica*) and douglas-fir (*Pseudotsuga menziesii*) saplings. **Baltic Forestry** 17 17: 227-234
Published: 2011
WOS:000302278100007
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=2&doc=19
- Petritan A.M., von Lüpke B., **Petritan I.C.** 2010 A comparative analysis of foliar chemical composition and leaf construction costs of beech (*Fagus sylvatica* L.), sycamore maple (*Acer pseudoplatanus* L.) and ash (*Fraxinus excelsior* L.) saplings along a light gradient. **Annals of Forest Science**, 67(6): 610_1_8
Published: SEP 2010
DOI: 10.1051/forest/2010023
WOS:000282350300010
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mgzD&page=3&doc=21

Petritan

Petritan A.M., von Lüpke B., **Petritan I.C.** 2009 Influence of light availability on growth, leaf morphology and plant architecture of beech (*Fagus sylvatica* L.), maple (*Acer pseudoplatanus* L.) and ash (*Fraxinus excelsior* L.) saplings. **European Journal of Forest Research**, 128(1): 61-74

Published: JAN 2009

DOI: 10.1007/s10342-008-0239-1

WOS:000262279900006

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mqzD&page=3&doc=22

Petritan A.M., von Lüpke B., **Petritan I.C.** 2007 Effects of shade on growth and mortality of maple (*Acer pseudoplatanus*), ash (*Fraxinus excelsior*) and beech (*Fagus sylvatica*) saplings, **Forestry** 80(4): 397-412

Published: OCT 2007

DOI: 10.1093/forestry/cpm030

WOS:000250677400004

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=ElkLnQogNJGsd43mqzD&page=3&doc=23

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