

## Lucrări științifice/tehnice în reviste de specialitate cotate ISI publicate în anul 2019

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1.	Adaptability of Narrow-Crowned Norway Spruce Ideotype ( <i>Picea abies</i> (L.) Karst. pendula Form) in 25 Years Half-Sib Comparative Trials in the Eastern Carpathians	Forests, Volume: 10, Issue: 5, Article Number: 395.	Apostol Ecaterina, Marius Budeanu
2.	Biological indicators for evaluating soil quality improvement in a soil degraded by erosion processes	Journal of Soils and Sediments, 2019, Volume: 19, Issue: 5, Article Pages: 2393-2404.	Dinca Lucian, Vasile Diana, Enescu Raluca, Crisan Vlad
3.	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth	Frontiers in Plant Science, Volume: 9, Article Number: 1964.	Petritan Any Mary
4.	Stable oxygen isotopes in Romanian oak tree rings record summer droughts and associated large-scale circulation patterns over Europe	Climate Dynamics, Volume: 52, Issue: 11, Pages: 6557-6568.	Popa Ionel
5.	Forest vulnerability to extreme climatic events in Romanian Scots pine forests	Science of the Total Environment, Volume: 678, Pages: 721-727.	Sidor Cristian Gheorghe, Popa Ionel, Badea Ovidiu, Apostol Ecaterina, Vlad Radu
6.	Different climate response of three tree ring proxies of <i>Pinus sylvestris</i> from the Eastern Carpathians, Romania	Dendrochronologia, Volume: 54, Pages: 56-63.	Popa Ionel
7.	Holocene fluvial history of Romanian Carpathian rivers. Quaternary International	Quaternary International, Volume: 527, Pages: 113-129.	Nechita Constantin
8.	Radial growth-based assessment of sites effects on pedunculate and greyish oak in southern Romania	Science of the Total Environment, Volume: 694, Article Number: UNSP 133709.	Nechita Constantin, Popa Ionel, Badea Ovidiu, Apostol Ecaterina
9.	Testing three climate datasets for dendroclimatological studies of oaks in the South Carpathians	Science of the Total Environment, Volume: 694, Article Number: UNSP 133730.	Nechita Constantin, Badea Ovidiu, Popa Ionel

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10.	Semi-automatic combustion of environmental and biological samples on oxidizer M307 and equivalents; New solutions for background reduction	Journal of Labelled Compounds and Radiopharmaceuticals, Volume: 62, Issue: 11, Special Issue: SI, Pages: 758-767.	Nechita Constantin
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12.	The Assessment of Favourability and Spatio-Temporal Dynamics of <i>Pinus Mugo</i> in the Romanian Carpathians Using GIS Technology and Landsat Images	Sustainability, Volume: 11, Issue: 13, Article Number: 3678.	Simonca Vasile
13.	Testing of the narrow crowned Norway spruce ideotype ( <i>Picea abies</i> f. <i>pendula</i> ) and the hybrids with normal crown form ( <i>pyramidalis</i> ) in multisite comparative trials	Science of The Total Environment, Volume: 689, Pages: 980-990.	Budeanu Marius, Apostol Ecaterina, Popescu Flaviu, Postolache Dragos, Lucia Ioniță
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15.	Climate signals in carbon and oxygen isotope ratios of <i>Pinus cembra</i> tree-ring cellulose from the Calimani Mountains, Romania	International Journal of Climatology, early access.	Popa Ionel
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17.	Spread and potential host range of the invasive oak lace bug [ <i>Corythucha arcuata</i> (Say, 1832) – Heteroptera: Tingidae] in Eurasia	Agricultural and Forest Entomology, 2019 early access.	Nețoiu Constantin, Buzatu Andrei, Balacenoiu Flavius
18.	Genetic variation and early selection in <i>Larix decidua</i> Mill. from progeny test in Romania	Annals of Forest Science (2019), Volume: 76, Issue: 3, Article Number: 81.	Mihai Georgeta, Alexandru Alin, Mirancea Ionel

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20.	Forest science innovation for sustainable forest management, improvement of human welfare, and quality of life under global environmental changes	Science of the Total Environment, Volume: 701, Article Number: UNSP 134429.	Ovidiu Badea, Ecaterina Apostol
21.	No systematic effects of sampling direction on climate-growth relationships in a large-scale, multi-species tree-ring data set	Dendrochronologia, Volume: 57, Article Number: UNSP 125624.	Petritan Any Mary
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34.	Biological indicators for evaluating soil quality improvement in a soil degraded by erosion processes	Journal of Soils and Sediments, 2019, 19(5), 2393-2404.	Dinca Lucian, Vasile Diana, Enescu Raluca, Crisan Vlad
35.	The Identification Method of Tree Species Using UV-VIS-IR Technology and Deep Learning Methods. Case Study - Independenta Forest	22nd International Conference on System Theory, Control and Computing (ICSTCC) Book Series: International Conference on System Theory Control and Computing, pp. 524-528.	Dinca Lucian
36.	The most important forest fruits from Neamț county and their harvesting management.	Scientific Paper Series "Management, Economic Engineering in Agriculture and Rural Development", 2019, Vol. 19, Issue 1, pag. 605-608.	Vechiu Emilia Dinca Maria

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50.	Genetic diversity and structure of Silver fir ( <i>Abies alba</i> Mill.) at the south-eastern limit of its distribution range	AFR, 2019. DOI: 10.15287/afr.2019.1436	Maria Teodosiu, Georgeta Mihai, Barbara Fussi, Elena Ciocîrlan
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57.	Forest land cover phenologies and their relation to climatic variables in a Carpathian Mountains region	Remote Sensing for Agriculture, Ecosystems, and Hydrology XX, PROC SPIE 10783	Popa Ionel
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