Jan Vitamvas

List of Publications by Year
in descending order

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24 papers	230 citations	1307594 7 h-index	1058476 14 g-index
24 all docs	24 docs citations	24 times ranked	345 citing authors

#	Article	IF	Citations
1	Quantitative analysis of proteome extracted from barley crowns grown under different drought conditions. Frontiers in Plant Science, 2015, 6, 479.	3.6	53
2	Micropropagation of a giant ornamental bromeliad Puya berteroniana through adventitious shoots and assessment of their genetic stability through ISSR primers and flow cytometry. Plant Cell, Tissue and Organ Culture, 2016, 125, 293-302.	2.3	40
3	Assessment of somaclonal variation in somatic embryo-derived plants of yacon [Smallanthus sonchifolius (Poepp. and Endl.) H. Robinson] using inter simple sequence repeat analysis and flow cytometry. Electronic Journal of Biotechnology, 2014, 17, 102-106.	2.2	23
4	Production potential and structural variability of pine stands in the Czech Republic: Scots pine (Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 197-207.	1.1	18
5	Assessment of somaclonal variation in indirect morphogenesis-derived plants of Arracacia xanthorrhiza. Pesquisa Agropecuaria Brasileira, 0, 54, .	0.9	17
6	Influence of pulverized limestone and amphibolite mixture on the growth performance of Alnus incana (L.) Moench plantation on an acidified mountain site. Journal of Forest Science, 2009, 55, 469-476.	1.1	12
7	Effect of Shelterwood and Clear-Cutting Regeneration Method on Wood Density of Scots Pine. Forests, 2020, 11, 868.	2.1	9
8	Effects of fertilisation on growth and nutrition of Norway spruce on a harsh mountain site. Journal of Forest Science, 2013, 59, 306-318.	1.1	8
9	Micropropagation of an ornamental shrub Disanthus cercidifolius Maxim. and assessment of genetic fidelity of regenerants using ISSR and flow cytometry. Plant Cell, Tissue and Organ Culture, 2021, 144, 555-566.	2.3	8
10	Does shelterwood regeneration on natural Scots pine sites under changing environmental conditions represent a viable alternative to traditional clear-cut management?. LesnÃ¢ky ÄŒasopis, 2020, 66, 104-115.	0.8	8
11	Is Betula carpatica genetically distinctive? A morphometric, cytometric and molecular study of birches in the Bohemian Massif with a focus on Carpathian birch. PLoS ONE, 2019, 14, e0224387.	2.5	7
12	Growth response of Alnus viridis to application of crushed limestone and amphibolite and forestry potential of the species in harsh acidic mountain sites. Journal of Forest Science, 2011, 57, 200-209.	1.1	6
13	Somatic embryogenesis of the hybrid Abies cilicica Ã— Abies cephalonica. Journal of Forest Science, 2011, 57, 401-408.	1.1	4
14	Effects of fertilisation on biomass of Norway spruce on a harsh mountain site. Journal of Forest Science, 2013, 59, 8-21.	1.1	4
15	Simplified in vitro propagation protocol for Tacca leontopetaloides (L.) Kuntze and assessment of genetic uniformity of regenerated plantlets. Emirates Journal of Food and Agriculture, 2015, 27, 736.	1.0	4
16	Biomass of Speckled Alder on an Air-Polluted Mountain Site and its Response to Fertilization. Environmental Management, 2014, 54, 1421-1433.	2.7	3
17	Relationship between WCS120 Protein Family Accumulation and Frost Tolerance in Wheat Cultivars Grown under Different Temperature Treatments. Plants, 2021, 10, 1114.	3.5	3
18	Testing of germination of spruce, pine and larch seed after 10 years from collection. Journal of Forest Science, 2014, 60, 540-543.	1.1	2

#	Article	IF	Citations
19	Conservation of Betula oycoviensis, an endangered rare taxon, using vegetative propagation methods. IForest, 2020, 13, 107-113.	1.4	1
20	Differential success of somatic embryogenesis in random gene pool of Norway spruce. Journal of Forest Science, 2007, 53, 74-87.	1.1	0
21	Birds girdling activity on exotic tree species as a form of adaptive behavior?. Contemporary Problems of Ecology, 2017, 10, 193-202.	0.7	0
22	Needle water potential of selected pine species during the off-season: A case study. Journal of Forest Science, 2017, 63, 16-21.	1.1	0
23	Impact of shelterwood regeneration method on mechanical properties of scots pine wood. Trees - Structure and Function, 2021, 35, 1185-1198.	1.9	0
24	Micropropagation of Incarvillea delavayi Bureau et Franchet (Bignoniaceae). Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2019, 67, 1453-1456.	0.4	0