

KatarÃ- na StÅelcovÃ;

List of Publications by Year in descending order

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16
papers

266
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1040056

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#	ARTICLE	IF	CITATIONS
1	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests. <i>Nature Communications</i> , 2022, 13, 28.	12.8	66
2	Assessing seasonal drought stress response in Norway spruce (<i>Picea abies</i> (L.) Karst.) by monitoring stem circumference and sap flow. <i>Ecohydrology</i> , 2015, 8, 378-386.	2.4	34
3	Physiological response of irrigated and non-irrigated Norway spruce trees as a consequence of drought in field conditions. <i>European Journal of Forest Research</i> , 2012, 131, 1737-1746.	2.5	24
4	Influence of tree transpiration on mass water balance of mixed mountain forests of the West Carpathians. <i>Biologia (Poland)</i> , 2006, 61, S305-S310.	1.5	20
5	Interannual adjustments in stomatal and leaf morphological traits of European beech (<i>Fagus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1287-1296.	3.8	19
6	Differences in transpiration of Norway spruce drought stressed trees and trees well supplied with water. <i>Biologia (Poland)</i> , 2013, 68, 1118-1122.	1.5	16
7	Identifying the relationships of climate and physiological responses of a beech forest using the Standardised Precipitation Index: a case study for Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2016, 64, 246-251.	2.0	15
8	Heat-stress response of photosystem II in five ecologically important tree species of European temperate forests. <i>Biologia (Poland)</i> , 2022, 77, 671-680.	1.5	13
9	Drought and irrigation affect transpiration rate and morning tree water status of a mature European beech (<i>Fagus sylvatica</i> L.) forest in Central Europe. <i>Ecohydrology</i> , 2018, 11, e1958.	2.4	12
10	Impact of Water Deficit on Seasonal and Diurnal Dynamics of European Beech Transpiration and Time-Lag Effect between Stand Transpiration and Environmental Drivers. <i>Water (Switzerland)</i> , 2020, 12, 3437.	2.7	11
11	Parent Material Effect on Soil Organic Carbon Concentration under Primeval European Beech Forests at a Regional Scale. <i>Forests</i> , 2021, 12, 405.	2.1	10
12	Rainfall interception in a disturbed montane spruce (<i>Picea abies</i>) stand in the West Tatra Mountains. <i>Biologia (Poland)</i> , 2016, 71, 1002-1008.	1.5	9
13	Canopy transpiration of mountain mixed forest as a function of environmental conditions in boundary layer. <i>Biologia (Poland)</i> , 2009, 64, 507-511.	1.5	6
14	Interspecific variation in growth and tree water status of conifers under water-limited conditions. <i>Journal of Hydrology and Hydromechanics</i> , 2020, 68, 368-381.	2.0	6
15	Influence of weather and day length on intra-seasonal growth of Norway spruce (<i>Picea abies</i>) and European beech (<i>Fagus sylvatica</i>) in a natural montane forest. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1799-1810.	1.7	3
16	Influence of Warmer and Drier Environmental Conditions on Species-Specific Stem Circumference Dynamics and Water Status of Conifers in Submontane Zone of Central Slovakia. <i>Water (Switzerland)</i> , 2020, 12, 2945.	2.7	2