Jernej JevÅ¡enak

List of Publications by Year
in descending order

22	333	759233 12	839539 18
papers	citations	h-index	g-index

28	28	28	337
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	dendroTools: R package for studying linear and nonlinear responses between tree-rings and daily environmental data. Dendrochronologia, 2018, 48, 32-39.	2.2	73
2	A random forest model for basal area increment predictions from national forest inventory data. Forest Ecology and Management, 2021, 479, 118601.	3.2	33
3	Growth-limiting factors and climate response variability in Norway spruce (Picea abies L.) along an elevation and precipitation gradients in Slovenia. International Journal of Biometeorology, 2021, 65, 311-324.	3.0	30
4	Daily climate data reveal stronger climate-growth relationships for an extended European tree-ring network. Quaternary Science Reviews, 2019, 221, 105868.	3.0	26
5	Should artificial neural networks replace linear models in tree ring based climate reconstructions?. Dendrochronologia, 2016, 40, 102-109.	2.2	21
6	New features in the dendroTools R package: Bootstrapped and partial correlation coefficients for monthly and daily climate data. Dendrochronologia, 2020, 63, 125753.	2.2	21
7	August to July Precipitation from Tree Rings in the Forest-Steppe Zone of Central Siberia (Russia). Tree-Ring Research, 2015, 71, 37-44.	0.6	17
8	Different Wood Anatomical and Growth Responses in European Beech (Fagus sylvatica L.) at Three Forest Sites in Slovenia. Frontiers in Plant Science, 2021, 12, 669229.	3.6	16
9	A Machine Learning Approach to Analyzing the Relationship Between Temperatures and Multi-Proxy Tree-Ring Records. Tree-Ring Research, 2018, 74, 210-224.	0.6	14
10	Artificial neural networks as an alternative method to nonlinear mixed-effects models for tree height predictions. Forest Ecology and Management, 2022, 507, 120017.	3.2	14
11	Climatic regulation of leaf and cambial phenology in Quercus pubescens: Their interlinkage and impact on xylem and phloem conduits. Science of the Total Environment, 2022, 802, 149968.	8.0	13
12	The Effect of Harvesting on National Forest Carbon Sinks up to 2050 Simulated by the CBM-CFS3 Model: A Case Study from Slovenia. Forests, 2020, 11, 1090.	2.1	12
13	Sapwood characteristics of Quercus robur species from the south-western part of the Pannonian Basin. Dendrochronologia, 2019, 54, 64-70.	2.2	10
14	Predicting the vessel lumen area tree-ring parameter of Quercus robur with linear and nonlinear machine learning algorithms. Geochronometria, 2018, 45, 211-222.	0.8	6
15	Seasonal radial growth of black pine (Pinus nigra Arnold) from Bosnia and Herzegovina, monitored by the pinning method and manual band dendrometers. Acta Silvae Et Ligni, 2019, 119, 1-11.	0.2	6
16	Comparison of an optimal regression method for climate reconstruction with the compare_methods() function from the dendroTools R package. Dendrochronologia, 2018, 52, 96-104.	2.2	5
17	Stable Isotopes Reveal Climate Signal Hidden in Tree Rings of Endemic Balkan Pines. Atmosphere, 2020, 11, 135.	2.3	5
18	Dendrochronological potential of the Azorean endemic gymnosperm Juniperus brevifolia (Seub.) Antoine. Dendrochronologia, 2022, 71, 125901.	2.2	4

#	Article	IF	Citations
19	Odvisnost velikosti prevodnih elementov doba (Quercus robur L.) od temperatur na dveh rastiÅ¡Ä‘h Querco-Carpinetum v Sloveniji. Acta Silvae Et Ligni, 2015, 107, 15-23.	0.2	2
20	Makro EWVA - uÄ‘inkovito orodje za analizo prevodnih elementov ranega lesa venÄ‘astoporoznih listavcev. Acta Silvae Et Ligni, 2014, 104, 15-24.	0.2	2
21	Uporaba metod strojnega uÄenja za preuÄevanje odnosov med znaÄ‘ilnostmi branik in okoljem. Acta Silvae Et Ligni, 2017, 114, 21-24.	0.2	1
22	DendrokronoloÅ¡ka analiza debelinskega priraÅ¡Äenja smreke (Picea abies (L.) Karst.) na obmoÄju njene naravne in umetne razÅ¡irjenosti v Sloveniji. Acta Silvae Et Ligni, 2018, 117, 35-46.	0.2	0