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List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,202
citations

293460

24
h-index

214428

50
g-index

54
all docs

54
docs citations

54
times ranked

5253
citing authors

#	ARTICLE	IF	CITATIONS
1	Jet stream position explains regional anomalies in European beech forest productivity and tree growth. <i>Nature Communications</i> , 2022, 13, 2015.	5.8	8
2	Effects of Climate on Douglas-fir (<i>Pseudotsuga menziesii</i> (Mirb.) Franco) Growth Southeast of the European Alps. <i>Plants</i> , 2022, 11, 1571.	1.6	3
3	Growth-limiting factors and climate response variability in Norway spruce (<i>Picea abies</i> L.) along an elevation and precipitation gradients in Slovenia. <i>International Journal of Biometeorology</i> , 2021, 65, 311-324.	1.3	30
4	Evidence of declining trees resilience under long term heavy metal stress combined with climate change heating. <i>Journal of Cleaner Production</i> , 2021, 317, 128428.	4.6	18
5	Different tree-ring width sensitivities to satellite-based soil moisture from dry, moderate and wet pedunculate oak (<i>Quercus robur</i> L.) stands across a southeastern distribution margin. <i>Science of the Total Environment</i> , 2021, 800, 149536.	3.9	8
6	Debris flooding magnitude estimation based on relation between dendrogeomorphological and meteorological records. <i>Geomorphology</i> , 2020, 367, 107303.	1.1	7
7	Isotopic and Water Relation Responses to Ozone and Water Stress in Seedlings of Three Oak Species with Different Adaptation Strategies. <i>Forests</i> , 2020, 11, 864.	0.9	12
8	Međuvolisnost različitih indikatora vitaliteta stabala i njihov odziv na klimatske uvjete na plohi obične bukve (<i>Fagus sylvatica</i> L.). <i>Sumarski List</i> , 2020, 144, 351-365.	0.1	2
9	Low growth resilience to drought is related to future mortality risk in trees. <i>Nature Communications</i> , 2020, 11, 545.	5.8	228
10	Stable Isotopes Reveal Climate Signal Hidden in Tree Rings of Endemic Balkan Pines. <i>Atmosphere</i> , 2020, 11, 135.	1.0	5
11	Measuring techniques for concentration and stable isotopologues of CO ₂ in a terrestrial ecosystem: A review. <i>Earth-Science Reviews</i> , 2019, 199, 102978.	4.0	8
12	Effects of ethanol storage and lipids on stable isotope values in a large mammalian omnivore. <i>Journal of Mammalogy</i> , 2019, 100, 150-157.	0.6	13
13	Sapwood characteristics of <i>Quercus robur</i> species from the south-western part of the Pannonian Basin. <i>Dendrochronologia</i> , 2019, 54, 64-70.	1.0	10
14	Reconstruction of Landslide Activity Using Dendrogeomorphological Analysis in the Karavanke Mountains in NW Slovenia. <i>Forests</i> , 2019, 10, 1009.	0.9	4
15	Pervasive decreases in living vegetation carbon turnover time across forest climate zones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24662-24667.	3.3	52
16	Beech and silver fir's response along the Balkan's latitudinal gradient. <i>Scientific Reports</i> , 2019, 9, 16269.	1.6	23
17	Geographical adaptation prevails over species-specific determinism in trees' vulnerability to climate change at Mediterranean rear-edge forests. <i>Global Change Biology</i> , 2019, 25, 1296-1314.	4.2	55
18	dendroTools: R package for studying linear and nonlinear responses between tree-rings and daily environmental data. <i>Dendrochronologia</i> , 2018, 48, 32-39.	1.0	73

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19	The Impact of Adverse Weather and Climate on the Width of European Beech (<i>Fagus sylvatica</i> L.) Tree Rings in Southeastern Europe. <i>Atmosphere</i> , 2018, 9, 451.	1.0	7
20	Comparison of an optimal regression method for climate reconstruction with the <code>compare_methods()</code> function from the dendroTools R package. <i>Dendrochronologia</i> , 2018, 52, 96-104.	1.0	5
21	Climatically controlled reproduction drives interannual growth variability in a temperate tree species. <i>Ecology Letters</i> , 2018, 21, 1833-1844.	3.0	92
22	A Machine Learning Approach to Analyzing the Relationship Between Temperatures and Multi-Proxy Tree-Ring Records. <i>Tree-Ring Research</i> , 2018, 74, 210-224.	0.4	14
23	Predicting the vessel lumen area tree-ring parameter of <i>Quercus robur</i> with linear and nonlinear machine learning algorithms. <i>Geochronometria</i> , 2018, 45, 211-222.	0.2	6
24	Growth rates of common urban trees in five cities in Great Britain: A dendrochronological evaluation with an emphasis on the impact of climate. <i>Urban Forestry and Urban Greening</i> , 2017, 22, 11-23.	2.3	24
25	Large-scale atmospheric circulation enhances the Mediterranean East-West tree growth contrast at rear-edge deciduous forests. <i>Agricultural and Forest Meteorology</i> , 2017, 239, 86-95.	1.9	27
26	Forecasting tree growth in coppiced and high forests in the Czech Republic. The legacy of management drives the coming <i>Quercus petraea</i> climate responses. <i>Forest Ecology and Management</i> , 2017, 405, 56-68.	1.4	34
27	A synthesis of radial growth patterns preceding tree mortality. <i>Global Change Biology</i> , 2017, 23, 1675-1690.	4.2	394
28	Uporaba metod strojnega učenja za preučevanje odnosov med značilnostmi branik in okoljem. <i>Acta Silvae Et Ligni</i> , 2017, 114, 21-24.	0.3	1
29	Should artificial neural networks replace linear models in tree ring based climate reconstructions?. <i>Dendrochronologia</i> , 2016, 40, 102-109.	1.0	21
30	Natural proxy records of temperature- and hydroclimate variability with annual resolution from the Northern Balkan-Carpathian region for the past millennium – Review & recalibration. <i>Quaternary International</i> , 2016, 415, 109-125.	0.7	17
31	Variations in Environmental Signals in Tree-Ring Indices in Trees with Different Growth Potential. <i>PLoS ONE</i> , 2015, 10, e0143918.	1.1	16
32	Tree growth and needle dynamics of <i>P. nigra</i> and <i>P. sylvestris</i> and their response to climate and fire disturbances. <i>Trees - Structure and Function</i> , 2015, 29, 683-694.	0.9	8
33	Old World megadroughts and pluvials during the Common Era. <i>Science Advances</i> , 2015, 1, e1500561.	4.7	403
34	Early summer temperatures reconstructed from black pine (<i>Pinus nigra</i> Arnold) tree-ring widths from Albania. <i>Holocene</i> , 2015, 25, 469-481.	0.9	9
35	Influence of soil properties on silver fir (<i>Abies alba</i> Mill.) growth in the Dinaric Mountains. <i>Forest Ecology and Management</i> , 2015, 337, 77-87.	1.4	27
36	Odkvisnost velikosti prevodnih elementov doba (<i>Quercus robur</i> L.) od temperatur na dveh rastišjih <i>Querco-Carpinetum</i> v Sloveniji. <i>Acta Silvae Et Ligni</i> , 2015, 107, 15-23.	0.3	2

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37	Spatial variability and temporal trends in water-use efficiency of European forests. <i>Global Change Biology</i> , 2014, 20, 3700-3712.	4.2	175
38	A 520-year record of summer sunshine for the eastern European Alps based on stable carbon isotopes in larch tree rings. <i>Climate Dynamics</i> , 2014, 43, 971-980.	1.7	31
39	Response of <i>Fagus sylvatica</i> L. and <i>Abies alba</i> Mill. in different silvicultural systems of the high Dinaric karst. <i>Forest Ecology and Management</i> , 2013, 289, 278-288.	1.4	20
40	A 323-year long reconstruction of drought for SW Romania based on black pine (<i>Pinus Nigra</i>) tree-ring widths. <i>International Journal of Biometeorology</i> , 2013, 57, 703-714.	1.3	42
41	Site- and species-specific responses of forest growth to climate across the European continent. <i>Global Ecology and Biogeography</i> , 2013, 22, 706-717.	2.7	297
42	Anatomical characteristics and hydrologic signals in tree-rings of oaks (<i>Quercus robur</i> L.). <i>Trees - Structure and Function</i> , 2013, 27, 1669-1680.	0.9	27
43	Climate signals in the ring widths and stable carbon, hydrogen and oxygen isotopic composition of <i>Larix decidua</i> growing at the forest limit in the southeastern European Alps. <i>Trees - Structure and Function</i> , 2011, 25, 1141-1154.	0.9	34
44	Associations between growth, wood anatomy, carbon isotope discrimination and mortality in a <i>Quercus robur</i> forest. <i>Tree Physiology</i> , 2011, 31, 298-308.	1.4	92
45	The climate sensitivity of Norway spruce [<i>Picea abies</i> (L.) Karst.] in the southeastern European Alps. <i>Trees - Structure and Function</i> , 2009, 23, 169-180.	0.9	67
46	Three centuries of insect outbreaks across the European Alps. <i>New Phytologist</i> , 2009, 182, 929-941.	3.5	97
47	Critical temperatures for xylogenesis in conifers of cold climates. <i>Global Ecology and Biogeography</i> , 2008, 17, 696-707.	2.7	476
48	Climatic effects on birch (<i>Betula pubescens</i> Ehrh.) growth in Fnjoskadalur valley, northern Iceland. <i>Dendrochronologia</i> , 2008, 25, 135-143.	1.0	32
49	Atrics " A New System for Image Acquisition in Dendrochronology. <i>Tree-Ring Research</i> , 2007, 63, 117-122.	0.4	63
50	A dendroecological reconstruction of disturbance in an old-growth <i>Fagus-Abies</i> forest in Slovenia. <i>Annals of Forest Science</i> , 2007, 64, 891-897.	0.8	67
51	Growth response of different tree species (oaks, beech and pine) from SE Europe to precipitation over time. <i>Dendrobiology</i> , 0, 79, 97-110.	0.6	16