Carlo Urbinati

List of Publications by Year
in descending order

41 papers	2,461 citations	318942 23 h-index	312153 41 g-index
46 all docs	46 docs citations	46 times ranked	3191 citing authors

#	Article	IF	Citations
1	Combining Participatory Mapping and Geospatial Analysis Techniques to Assess Wildfire Risk in Rural North Vietnam. Environmental Management, 2022, 69, 466.	1.2	2
2	Comparing Mobile Laser Scanner and manual measurements for dendrometric variables estimation in a black pine (Pinus nigra Arn.) plantation. Computers and Electronics in Agriculture, 2022, 198, 107069.	3.7	12
3	Are young trees suitable for climate-growth analysis? A trial with Pinus nigra in the central Apennines treeline. Dendrochronologia, 2020, 62, 125720.	1.0	5
4	Functional Relationships of Wood Anatomical Traits in Norway Spruce. Frontiers in Plant Science, 2020, 11, 683.	1.7	26
5	Individual reproductive success in Norway spruce natural populations depends on growth rate, age and sensitivity to temperature. Heredity, 2020, 124, 685-698.	1.2	10
6	Intra-annual density fluctuations (IADFs) inPinus nigra(J. F. Arnold) at high-elevation in the central Apennines (Italy). Trees - Structure and Function, 2020, 34, 771-781.	0.9	9
7	Contrasting land use legacy effects on forest landscape dynamics in the Italian Alps and the Apennines. Landscape Ecology, 2020, 35, 2679-2694.	1.9	34
8	Structural and ecological characteristics of mixed broadleaved old-growth forest(Biogradska Gora -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 428-438.	0.8	12
9	Forests and Soils: Sustainable Products and Ecosystem Services for Human Well-Being. , 2020, , 617-630.		0
10	Patterns and drivers of forest landscape change in the Apennines range, Italy. Regional Environmental Change, 2019, 19, 1973-1985.	1.4	29
11	Forest Spectral Recovery and Regeneration Dynamics in Stand-Replacing Wildfires of Central Apennines Derived from Landsat Time Series. Remote Sensing, 2019, 11, 308.	1.8	51
12	Near infrared spectroscopy for assessing mechanical properties of Castanea sativa wood samples. Journal of Agricultural Engineering, 2019, 50, 191-197.	0.7	8
13	Disentangling the effects of spatial proximity and genetic similarity on individual growth performances in Norway spruce natural populations. Science of the Total Environment, 2019, 650, 493-504.	3.9	23
14	Pine recolonization dynamics in Mediterranean human-disturbed treeline ecotones. Forest Ecology and Management, 2019, 435, 28-37.	1.4	28
15	Effects of natural and anthropogenic drivers on landâ€cover change and treeline dynamics in the Apennines (Italy). Journal of Vegetation Science, 2018, 29, 189-199.	1.1	28
16	70 Years of Land Use/Land Cover Changes in the Apennines (Italy): A Meta-Analysis. Forests, 2018, 9, 551.	0.9	32
17	Unexpected scenarios from Mediterranean refugial areas: disentangling complex demographic dynamics along the Apennine distribution of silver fir. Journal of Biogeography, 2017, 44, 1547-1558.	1.4	38
18	Deconstructing human-shaped treelines: Microsite topography and distance to seed source control Pinus nigra colonization of treeless areas in the Italian Apennines. Forest Ecology and Management, 2017, 406, 37-45.	1.4	17

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19	Potential and limitation of combining terrestrial and marine growth records from Iceland. Global and Planetary Change, 2017, 155, 213-224.	1.6	5
20	Pinus nigra anthropogenic treelines in the central Apennines show common pattern of tree recruitment. European Journal of Forest Research, 2016, 135, 1119-1130.	1.1	17
21	The â€œblue ringâ€• anatomy and formation hypothesis of a new tree-ring anomaly in conifers. Trees - Structure and Function, 2015, 29, 613-620.	0.9	51
22	Distinct effects of climate warming on populations of silver fir (Abies alba) across Europe. Journal of Biogeography, 2015, 42, 1150-1162.	1.4	140
23	Sex-related spatial segregation along environmental gradients in the dioecious conifer, Taxus baccata. Forest Ecology and Management, 2015, 358, 122-129.	1.4	29
24	Human interactions with forest landscape in the Khumbu valley, Nepal. Anthropocene, 2014, 6, 39-47.	1.6	20
25	Climateâ€“growth relationships of silver fir (Abies alba Mill.) in marginal populations of Central Italy. Dendrochronologia, 2014, 32, 181-190.	1.0	19
26	Structural attributes, tree-ring growth and climate sensitivity of Pinus nigra Arn. at high altitude: common patterns of a possible treeline shift in the central Apennines (Italy). Dendrochronologia, 2014, 32, 210-219.	1.0	19
27	Site- and species-specific responses of forest growth to climate across the European continent. Global Ecology and Biogeography, 2013, 22, 706-717.	2.7	297
28	500 years of regional forest growth variability and links to climatic extreme events in Europe. Environmental Research Letters, 2012, 7, 045705.	2.2	61
29	Recent expansion of Pinus nigra Arn. above the timberline in the central Apennines, Italy. Annals of Forest Science, 2012, 69, 509-517.	0.8	24
30	Contrasting tree-ring growth to climate responses of Abies alba toward the southern limit of its distribution area. Oikos, 2010, 119, 1515-1525.	1.2	87
31	Millennium-long summer temperature variations in the European Alps as reconstructed from tree rings. Climate of the Past, 2010, 6, 379-400.	1.3	72
32	Three centuries of insect outbreaks across the European Alps. New Phytologist, 2009, 182, 929-941.	3.5	97
33	Testing for treeâ€ring divergence in the European Alps. Global Change Biology, 2008, 14, 2443-2453.	4.2	141
34	Regional variability of climateâ€“growth relationships in Pinus cembra high elevation forests in the Alps. Journal of Ecology, 2007, 95, 1072-1083.	1.9	96
35	Longâ€term change in the sensitivity of treeâ€ring growth to climate forcing in Larix decidua. New Phytologist, 2006, 170, 861-872.	3.5	193
36	AGE DETERMINATION AND TREE-RING GROWTH DYNAMICS IN OLD TREES OF PYRUS COMMUNIS â€˜ANGELICAâ€™. Acta Horticulturae, 2005, , 623-629.	0.1	4

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37	AGE-DEPENDENT TREE-RING GROWTH RESPONSES TO CLIMATE IN LARIX DECIDUA AND PINUS CEMBRA. Ecology, 2004, 85, 730-740.	1.5	319
38	Daily weather response of balsam fir (Abies balsamea (L.) Mill.) stem radius increment from dendrometer analysis in the boreal forests of Quï¿½bec (Canada). Trees - Structure and Function, 2003, 17, 477-484.	0.9	224
39	Spatial analysis of structural and treeâ€ring related parameters in a timberline forest in the Italian Alps. Journal of Vegetation Science, 2001, 12, 643-652.	1.1	51
40	High-altitude forest sensitivity to global warming: results from long-term and short-term analyses in the eastern italian alps. , 1998, , 171-189.		22
41	Tree water relations and climatic variations at the alpine timberline: seasonal changes of sap flux and xylem water potential in Larix decidua Miller, Picea abies (L.) Karst. and Pinus cembra L. Annales Des Sciences ForestiÃ¨res, 1998, 55, 159-172.	1.1	99