

Matteo Garbarino

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,891
citations

201575

27
h-index

276775

41
g-index

64
all docs

64
docs citations

64
times ranked

2293
citing authors

#	ARTICLE	IF	CITATIONS
1	Where are Europe's last primary forests?. <i>Diversity and Distributions</i> , 2018, 24, 1426-1439.	1.9	268
2	Gap disturbances and regeneration patterns in a Bosnian old-growth forest: a multispectral remote sensing and ground-based approach. <i>Annals of Forest Science</i> , 2012, 69, 617-625.	0.8	61
3	Deadwood anisotropic facilitation on seedling establishment after a stand-replacing wildfire in Aosta Valley (NW Italy). <i>Ecological Engineering</i> , 2013, 51, 117-122.	1.6	61
4	Land-use history and topographic gradients as driving factors of subalpine <i>Larix decidua</i> forests. <i>Landscape Ecology</i> , 2013, 28, 805-817.	1.9	60
5	The influence of land abandonment on forest disturbance regimes: a global review. <i>Landscape Ecology</i> , 2020, 35, 2723-2744.	1.9	60
6	Gap-phase dynamics in the old-growth forest of Lom, Bosnia and Herzegovina. <i>Silva Fennica</i> , 2011, 45, .	0.5	58
7	Toward a definition of the range of variability of central European mixed <i>Fagus</i> - <i>Abies</i> - <i>Picea</i> forests: the nearly steady-state forest of Lom (Bosnia and Herzegovina). <i>Canadian Journal of Forest Research</i> , 2011, 41, 1871-1884.	0.8	56
8	Environmental and land use determinants of grassland patch diversity in the western and eastern Alps under agro-pastoral abandonment. <i>Biodiversity and Conservation</i> , 2016, 25, 275-293.	1.2	56
9	Evidences of drought stress as a predisposing factor to Scots pine decline in Valle d'Aosta (Italy). <i>European Journal of Forest Research</i> , 2012, 131, 989-1000.	1.1	54
10	Direct Measurement of Tree Height Provides Different Results on the Assessment of LiDAR Accuracy. <i>Forests</i> , 2017, 8, 7.	0.9	52
11	Forest Spectral Recovery and Regeneration Dynamics in Stand-Replacing Wildfires of Central Apennines Derived from Landsat Time Series. <i>Remote Sensing</i> , 2019, 11, 308.	1.8	51
12	Forest dynamics and disturbance regimes in the Italian Apennines. <i>Forest Ecology and Management</i> , 2017, 388, 57-66.	1.4	50
13	Protection gaps and restoration opportunities for primary forests in Europe. <i>Diversity and Distributions</i> , 2020, 26, 1646-1662.	1.9	47
14	Implementation of a rotational grazing system with large paddocks changes the distribution of grazing cattle in the south-western Italian Alps. <i>Rangeland Journal</i> , 2014, 36, 445.	0.4	46
15	<i>Pinus sylvestris</i> forest regeneration under different post-fire restoration practices in the northwestern Italian Alps. <i>Ecological Engineering</i> , 2010, 36, 1365-1372.	1.6	45
16	Site and stand effects on coarse woody debris in montane mixed forests of Eastern Italian Alps. <i>Forest Ecology and Management</i> , 2010, 260, 1592-1598.	1.4	45
17	The larch wood pasture: structure and dynamics of a cultural landscape. <i>European Journal of Forest Research</i> , 2011, 130, 491-502.	1.1	42
18	Development of old-growth characteristics in uneven-aged forests of the Italian Alps. <i>European Journal of Forest Research</i> , 2015, 134, 19-31.	1.1	39

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19	Post-Fire Management Impact on Natural Forest Regeneration through Altered Microsite Conditions. <i>Forests</i> , 2019, 10, 1014.	0.9	36
20	Contrasting land use legacy effects on forest landscape dynamics in the Italian Alps and the Apennines. <i>Landscape Ecology</i> , 2020, 35, 2679-2694.	1.9	34
21	Host preference and growth patterns of ivy (<i>Hedera helix</i> L.) in a temperate alluvial forest. <i>Plant Ecology</i> , 2013, 214, 1-9.	0.7	33
22	Interacting effects of physical environment and anthropogenic disturbances on the structure of European larch (<i>Larix decidua</i> Mill.) forests. <i>Forest Ecology and Management</i> , 2009, 257, 1794-1802.	1.4	32
23	70 Years of Land Use/Land Cover Changes in the Apennines (Italy): A Meta-Analysis. <i>Forests</i> , 2018, 9, 551.	0.9	32
24	The interacting ecological effects of large-scale disturbances and salvage logging on montane spruce forest regeneration in the western European Alps. <i>Forest Ecology and Management</i> , 2013, 292, 19-28.	1.4	31
25	Progressive fragmentation of a traditional Mediterranean landscape by hazelnut plantations: The impact of CAP over time in the Langhe region (NW Italy). <i>Land Use Policy</i> , 2014, 36, 259-266.	2.5	31
26	Environmental drivers of deadwood dynamics in woodlands and forests. <i>Ecosphere</i> , 2015, 6, 1-24.	1.0	31
27	Post-fire effects and short-term regeneration dynamics following high-severity crown fires in a Mediterranean forest. <i>IForest</i> , 2012, 5, 93-100.	0.5	29
28	Sex-related spatial segregation along environmental gradients in the dioecious conifer, <i>Taxus baccata</i> . <i>Forest Ecology and Management</i> , 2015, 358, 122-129.	1.4	29
29	Patterns and drivers of forest landscape change in the Apennines range, Italy. <i>Regional Environmental Change</i> , 2019, 19, 1973-1985.	1.4	29
30	Decline of traditional landscape in a protected area of the southwestern Alps: The fate of enclosed pasture patches in the land mosaic shift. <i>Journal of Mountain Science</i> , 2014, 11, 544-554.	0.8	28
31	Effects of natural and anthropogenic drivers on land cover change and treeline dynamics in the Apennines (Italy). <i>Journal of Vegetation Science</i> , 2018, 29, 189-199.	1.1	28
32	Pine recolonization dynamics in Mediterranean human-disturbed treeline ecotones. <i>Forest Ecology and Management</i> , 2019, 435, 28-37.	1.4	28
33	Structure, spatio-temporal dynamics and disturbance regime of the mixed beech-silver fir-Norway spruce old-growth forest of Biogradska Gora (Montenegro). <i>Plant Biosystems</i> , 2015, 149, 966-975.	0.8	25
34	European primary forest database v2.0. <i>Scientific Data</i> , 2021, 8, 220.	2.4	22
35	Patterns of larch establishment following deglaciation of Ventina glacier, central Italian Alps. <i>Forest Ecology and Management</i> , 2010, 259, 583-590.	1.4	21
36	Human interactions with forest landscape in the Khumbu valley, Nepal. <i>Anthropocene</i> , 2014, 6, 39-47.	1.6	20

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37	Structural attributes, tree-ring growth and climate sensitivity of <i>Pinus nigra</i> Arn. at high altitude: common patterns of a possible treeline shift in the central Apennines (Italy). <i>Dendrochronologia</i> , 2014, 32, 210-219.	1.0	19
38	Assessing the protective role of alpine forests against rockfall at regional scale. <i>European Journal of Forest Research</i> , 2020, 139, 969-980.	1.1	18
39	Assessing the effect of fire severity on sediment connectivity in central Chile. <i>Science of the Total Environment</i> , 2020, 728, 139006.	3.9	18
40	<i>Pinus nigra</i> anthropogenic treelines in the central Apennines show common pattern of tree recruitment. <i>European Journal of Forest Research</i> , 2016, 135, 1119-1130.	1.1	17
41	Deconstructing human-shaped treelines: Microsite topography and distance to seed source control <i>Pinus nigra</i> colonization of treeless areas in the Italian Apennines. <i>Forest Ecology and Management</i> , 2017, 406, 37-45.	1.4	17
42	Post Hoc Assessment of Stand Structure Across European Wood-Pastures: Implications for Land Use Policy. <i>Rangeland Ecology and Management</i> , 2018, 71, 526-535.	1.1	15
43	Effects of Twenty Years of Ungulate Browsing on Forest Regeneration at Paneveggio Reserve, Italy. <i>Forests</i> , 2020, 11, 612.	0.9	12
44	Structural and ecological characteristics of mixed broadleaved old-growth forest (Biogradska Gora -) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 428-438.	0.8	12
45	Spatial pattern of Bois noir: case study of a delicate balance between disease progression and recovery. <i>Scientific Reports</i> , 2020, 10, 9801.	1.6	11
46	Land-use legacies and forest change. <i>Landscape Ecology</i> , 2020, 35, 2641-2644.	1.9	11
47	Natural disturbance dynamics in an old-growth forest: from tree to landscape. <i>Procedia Environmental Sciences</i> , 2011, 7, 365-370.	1.3	10
48	Post-eruption morphological evolution and vegetation dynamics of the Blanco River, southern Chile. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102809.	0.6	10
49	The Protective Role of Forests to Reduce Rockfall Risks and Impacts in the Alps Under a Climate Change Perspective. <i>Climate Change Management</i> , 2020, , 333-347.	0.6	10
50	Intra-annual density fluctuations (IADFs) in <i>Pinus nigra</i> (J. F. Arnold) at high-elevation in the central Apennines (Italy). <i>Trees - Structure and Function</i> , 2020, 34, 771-781.	0.9	9
51	A new approach for modeling delayed fire-induced tree mortality. <i>Ecosphere</i> , 2021, 12, e03458.	1.0	5
52	Fine-scale population dynamics help to elucidate community assembly patterns of epiphytic lichens in alpine forests. <i>Fungal Ecology</i> , 2016, 24, 21-26.	0.7	4
53	Influence of Spatiotemporal Dynamics on the Fine-Scale Spatial Genetic Structure of Differently Managed <i>Picea abies</i> Stands. <i>Forests</i> , 2018, 9, 622.	0.9	4
54	Biogeography and shape of fungal fairy rings in the Apennine mountains, Italy. <i>Journal of Biogeography</i> , 2022, 49, 353-363.	1.4	4

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55	Resprouting in European beech confers resilience to high-frequency fire. <i>Forestry</i> , 2023, 96, 372-386.	1.2	4
56	Upper and lower treeline biogeographic patterns in semi-arid pinyon-juniper woodlands. <i>Journal of Biogeography</i> , 2020, 47, 2634-2644.	1.4	3
57	Legacies of past human activities on one of the largest old-growth forests in the south-east European mountains. <i>Vegetation History and Archaeobotany</i> , 0, , 1.	1.0	3
58	Land Use Modeling Predicts Divergent Patterns of Change Between Upper and Lower Elevations in a Subalpine Watershed of the Alps. <i>Ecosystems</i> , 0, , 1.	1.6	2
59	Legacy of wood charcoal production on subalpine forest structure and species composition. <i>Ambio</i> , 2022, 51, 2496-2507.	2.8	2
60	Natural Disturbances and Protection Forests: At the Cutting Edge of Remote Sensing Technologies for the Rapid Assessment of Protective Effects against Rockfall. , 0, , .		1