

Davide Ascoli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

866
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	Prescribed burning in southern Europe: developing fire management in a dynamic landscape. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, e4.	4.0	268
2	Inter-annual and decadal changes in teleconnections drive continental-scale synchronization of tree reproduction. <i>Nature Communications</i> , 2017, 8, 2205.	12.8	56
3	Reproducing reproduction: How to simulate mast seeding in forest models. <i>Ecological Modelling</i> , 2018, 376, 40-53.	2.5	53
4	Two centuries of masting data for European beech and Norway spruce across the European continent. <i>Ecology</i> , 2017, 98, 1473-1473.	3.2	47
5	Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy. <i>International Journal of Wildland Fire</i> , 2009, 18, 727.	2.4	36
6	The ecology and evolution of synchronized reproduction in long-lived plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200369.	4.0	36
7	Fire severity, residuals and soil legacies affect regeneration of Scots pine in the Southern Alps. <i>Science of the Total Environment</i> , 2014, 472, 778-788.	8.0	35
8	Climate teleconnections synchronize <i>Picea glauca</i> masting and fire disturbance: Evidence for a fire-related form of environmental prediction. <i>Journal of Ecology</i> , 2020, 108, 1186-1198.	4.0	35
9	Temperature and masting control Norway spruce growth, but with high individual tree variability. <i>Forest Ecology and Management</i> , 2019, 438, 142-150.	3.2	34
10	The synchronicity of masting and intermediate severity fire effects favors beech recruitment. <i>Forest Ecology and Management</i> , 2015, 353, 126-135.	3.2	30
11	What drives European beech (<i>Fagus sylvatica</i> L.) mortality after forest fires of varying severity?. <i>Forest Ecology and Management</i> , 2016, 368, 81-93.	3.2	24
12	Building Rothermel fire behaviour fuel models by genetic algorithm optimisation. <i>International Journal of Wildland Fire</i> , 2015, 24, 317.	2.4	22
13	An Implementation of the Rothermel Fire Spread Model in the R Programming Language. <i>Fire Technology</i> , 2015, 51, 523-535.	3.0	22
14	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. <i>Nature Communications</i> , 2022, 13, 2381.	12.8	21
15	Response of the alien species <i>Panicum acuminatum</i> to disturbance in an Italian lowland heathland. <i>Botanica Helvetica</i> , 2009, 119, 105-111.	1.1	19
16	Environmental variation drives continental-scale synchrony of European beech reproduction. <i>Ecology</i> , 2021, 102, e03384.	3.2	19
17	MASTREE+: Time-series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19
18	Application of vegetation index time series to value fire effect on primary production in a Southern European rare wetland. <i>Ecological Engineering</i> , 2019, 134, 9-17.	3.6	14

#	ARTICLE	IF	CITATIONS
19	Natural disturbances and masting: from mechanisms to fitness consequences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200384.	4.0	14
20	Modes of climate variability bridge proximate and evolutionary mechanisms of masting. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200380.	4.0	14
21	Soil Microbial Diversity, Biomass, and Activity in Two Pine Plantations of Southern Italy Treated with Prescribed Burning. <i>Forests</i> , 2020, 11, 19.	2.1	13
22	Calibrating and Testing the Forest Vegetation Simulator to Simulate Tree Encroachment and Control Measures for Heathland Restoration in Southern Europe. <i>Forest Science</i> , 2014, 60, 241-252.	1.0	11
23	Fuel vertical structure affects fire sustainability and behaviour of prescribed burning in <i>Spartium junceum</i> shrublands. <i>Annals of Forest Science</i> , 2013, 70, 863-871.	2.0	10
24	Canopy Disturbances Catalyse Tree Species Shifts in Swiss Forests. <i>Ecosystems</i> , 2022, 25, 199-214.	3.4	10
25	Resprouting in European beech confers resilience to high-frequency fire. <i>Forestry</i> , 2023, 96, 372-386.	2.3	4