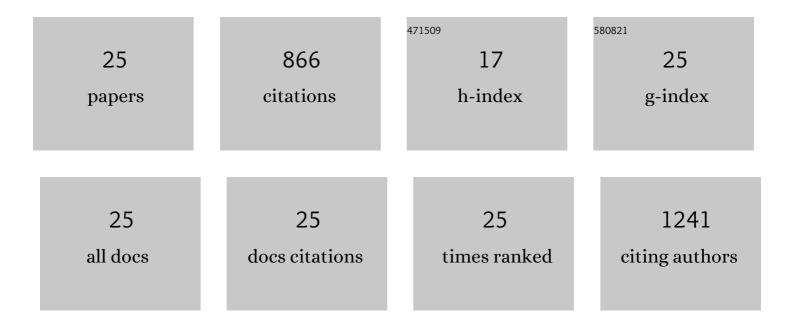
Davide Ascoli

List of Publications by Year in descending order

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DAVIDE ASCOLL

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

DAVIDE ASCOLI

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