

Tommaso La Mantia

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

865
citations

516710

16
h-index

501196

28
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40
all docs

40
docs citations

40
times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene hydrological changes in south-western Mediterranean as recorded by lake-level fluctuations at Lago Preola, a coastal lake in southern Sicily, Italy. <i>Quaternary Science Reviews</i> , 2011, 30, 2459-2475.	3.0	110
2	Agricultural land abandonment in Mediterranean environment provides ecosystem services via soil carbon sequestration. <i>Science of the Total Environment</i> , 2017, 576, 420-429.	8.0	107
3	Litter contribution to soil organic carbon in the processes of agriculture abandon. <i>Solid Earth</i> , 2015, 6, 425-432.	2.8	81
4	Carbon dynamics of soil organic matter in bulk soil and aggregate fraction during secondary succession in a Mediterranean environment. <i>Geoderma</i> , 2013, 193-194, 213-221.	5.1	53
5	Holocene vegetation and fire history of the mountains of Northern Sicily (Italy). <i>Vegetation History and Archaeobotany</i> , 2016, 25, 499-519.	2.1	44
6	Impact of woody encroachment on soil organic carbon and nitrogen in abandoned agricultural lands along a rainfall gradient in Italy. <i>Regional Environmental Change</i> , 2011, 11, 917-924.	2.9	43
7	Structural analysis of woody species in Mediterranean old fields. <i>Plant Biosystems</i> , 2008, 142, 462-471.	1.6	40
8	The impact of <i>Carpobrotus</i> cfr. <i>acinaciformis</i> (L.) L. Bolus on soil nutrients, microbial communities structure and native plant communities in Mediterranean ecosystems. <i>Plant and Soil</i> , 2016, 409, 19-34.	3.7	33
9	Holocene vegetation and fire dynamics in the supra-Mediterranean belt of the Nebrodi Mountains (Sicily, Italy). <i>Journal of Quaternary Science</i> , 2012, 27, 687-698.	2.1	29
10	Carbon stock increases up to old growth forest along a secondary succession in Mediterranean island ecosystems. <i>PLoS ONE</i> , 2019, 14, e0220194.	2.5	24
11	Vertebrate-mediated seed rain and artificial perches contribute to overcome seed dispersal limitation in a Mediterranean old field. <i>Restoration Ecology</i> , 2019, 27, 1393-1400.	2.9	24
12	The ongoing naturalisation of <i>Eucalyptus</i> spp. in the Mediterranean Basin: new threats to native species and habitats. <i>Australian Forestry</i> , 2018, 81, 239-249.	0.9	22
13	Living and Dead Aboveground Biomass in Mediterranean Forests: Evidence of Old-Growth Traits in a <i>Quercus pubescens</i> Willd. s.l. <i>Stand. Forests</i> , 2017, 8, 187.	2.1	19
14	The agricultural heritage of Lampedusa (Pelagie Archipelago, South Italy) and its key role for cultivar and wildlife conservation. <i>Italian Journal of Agronomy</i> , 2011, 6, 17.	1.0	18
15	Critical range of soil organic carbon in southern Europe lands under desertification risk. <i>Journal of Environmental Management</i> , 2021, 287, 112285.	7.8	18
16	Stem-injection of herbicide for control of <i>Ailanthus altissima</i> (Mill.) Swingle: a practical source of power for drilling holes in stems. <i>IForest</i> , 2013, 6, 123-126.	1.4	16
17	DRIFTS Sensor: Soil Carbon Validation at Large Scale (Pantelleria, Italy). <i>Sensors</i> , 2013, 13, 5603-5613.	3.8	16
18	Seasonal effects on mortality rates and resprouting of stems treated with glyphosate in the invasive tree of heaven (<i>Ailanthus altissima</i> (Mill.) Swingle). <i>Arboricultural Journal</i> , 2015, 37, 180-195.	0.8	13

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19	Fitting the Stocking Rate with Pastoral Resources to Manage and Preserve Mediterranean Forestlands: A Case Study. <i>Sustainability</i> , 2015, 7, 7232-7244.	3.2	13
20	The past distribution of <i>Abies nebrodensis</i> (Lojac.) Mattei: results of a multidisciplinary study. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 357-371.	2.1	13
21	The impact of <i>Pinus halepensis</i> afforestation on Mediterranean spontaneous vegetation: do soil treatment and canopy cover matter?. <i>Journal of Forestry Research</i> , 2012, 23, 517-528.	3.6	11
22	<i>Acacia cyclops</i> A. Cunn. ex G. Don (Leguminosae) in Italy: first cases of naturalization. <i>Anales Del Jardin Botanico De Madrid</i> , 2012, 69, 193-200.	0.4	11
23	Pine Stand Density Influences the Regeneration of <i>Acacia saligna</i> Labill. H.L.Wendl. and Native Woody Species in a Mediterranean Coastal Pine Plantation. <i>Forests</i> , 2018, 9, 359.	2.1	10
24	Relationship between recruitment and mother plant vitality in the alien species <i>Acacia cyclops</i> A. Cunn. ex G. Don. <i>Forest Ecology and Management</i> , 2014, 331, 237-244.	3.2	9
25	Carbon stocks in a 50-year-old <i>Eucalyptus camaldulensis</i> stand in Sicily, Italy. <i>Southern Forests</i> , 2015, 77, 263-267.	0.7	9
26	Arbuscular mycorrhizal fungi positively affect growth of <i>Ailanthus altissima</i> (Mill.) Swingle seedlings and show a strong association with this invasive species in Mediterranean woodlands. <i>Journal of the Torrey Botanical Society</i> , 2015, 142, 127-139.	0.3	9
27	Seedling growth of a native (<i>Ampelodesmos mauritanicus</i>) and an exotic (<i>Pennisetum setaceum</i>) grass. <i>Acta Oecologica</i> , 2016, 77, 37-42.	1.1	8
28	Monuments Unveiled: Genetic Characterization of Large Old Chestnut (<i>Castanea sativa</i> Mill.) Trees Using Comparative Nuclear and Chloroplast DNA Analysis. <i>Forests</i> , 2020, 11, 1118.	2.1	8
29	Criteria to identify old-growth forests in the Mediterranean: A case study from Sicily based on literature review and some management proposals. <i>Feddes Repertorium</i> , 2018, 129, 25-37.	0.5	6
30	Carbon storage of Mediterranean grasslands. <i>Anales Del Jardin Botanico De Madrid</i> , 2016, 73, e029.	0.4	6
31	Mechanical and Thermal Properties of Insulating Sustainable Mortars with <i>Ampelodesmos mauritanicus</i> and <i>Pennisetum setaceum</i> Plants as Aggregates. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5910.	2.5	4
32	Study of energetic properties of different tree organs in six <i>Olea europaea</i> L. cultivars. <i>Scientific Reports</i> , 2021, 11, 17047.	3.3	4
33	The Paradox of the Alien Plant <i>Leucaena leucocephala</i> subsp. <i>glabrata</i> (Rose) S. Zährate in Sicily: Another Threat for the Native Flora or a Valuable Resource?. <i>International Journal of Plant Biology</i> , 2020, 11, 8637.	2.6	4
34	The Root Mycobiota of <i>Betula aetnensis</i> Raf., an Endemic Tree Species Colonizing the Lavas of Mt. Etna (Italy). <i>Forests</i> , 2021, 12, 1624.	2.1	3
35	The naturalization of the almond <i>Prunus dulcis</i> in different ecological contexts in the Mediterranean: An underestimated process?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2022, 294, 152117.	1.2	2
36	<i>Nicotemnia madagascariensis</i> (Lam.) R. Parker (Family Scrophulariaceae), a casual alien plant new to Italy. <i>Webbia</i> , 2016, 71, 155-162.	0.3	1

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37	The spiders (Arachnida: Araneae) community of an agroecosystem. ARPHA Conference Abstracts, 0, 2, .	0.0	0
38	Low mimosine content and nutrient-rich foliage of two <i>Leucaena leucocephala</i> varieties: a potential fodder resource in Mediterranean agroforestry systems. Plant Biosystems, 2022, 156, 606-612.	1.6	0