

Andrea Rubini

List of Publications by Year in descending order

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54
papers

2,733
citations

186265

28
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182427

51
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all docs

55
docs citations

55
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	High genetic and chemical diversity of wild hop populations from Central Italy with signals of a genetic structure influenced by both sexual and asexual reproduction. <i>Plant Science</i> , 2021, 304, 110794.	3.6	12
2	Diversity of Endophytic and Pathogenic Fungi of Saffron (<i>Crocus sativus</i>) Plants from Cultivation Sites in Italy. <i>Diversity</i> , 2021, 13, 535.	1.7	8
3	Genetic Structure and Phylogeography of <i>Tuber magnatum</i> Populations. <i>Diversity</i> , 2020, 12, 44.	1.7	13
4	Ribosomal DNA polymorphisms reveal genetic structure and a phylogeographic pattern in the Burgundy truffle <i>Tuber aestivum</i> Vittad.. <i>Mycologia</i> , 2019, 111, 26-39.	1.9	10
5	Genetic characterisation and agronomic and nutritional value of bitter vetch (<i>Vicia ervilia</i>), an under-utilised species suitable for low-input farming systems. <i>Crop and Pasture Science</i> , 2019, 70, 606.	1.5	2
6	Pezizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. <i>Nature Ecology and Evolution</i> , 2018, 2, 1956-1965.	7.8	95
7	An assessment of red list data for the Pezizomycotina (Ascomycota): Umbria (Italy) as a test case. <i>Plant Biosystems</i> , 2018, 152, 1329-1337.	1.6	7
8	Overview of the Biological Activities of a Methanol Extract from Wild Red Belt Conk, <i>Fomitopsis pinicola</i> (Agaricomycetes), Fruiting Bodies from Central Italy. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 1047-1063.	1.5	8
9	Current knowledge of Umbrian macrofungi (central Italy). <i>Plant Biosystems</i> , 2017, 151, 915-923.	1.6	6
10	<i>Tuber magnatum</i> : The Special One. What Makes It so Different from the Other <i>Tuber</i> spp.?. <i>Soil Biology</i> , 2016, , 87-103.	0.8	19
11	Certainties and uncertainties about the life cycle of the Périgord black truffle (<i>Tuber melanosporum</i>) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	2.0	61
12	Characterization of the reproductive mode and life cycle of the whitish truffle <i>T. borchii</i> . <i>Mycorrhiza</i> , 2016, 26, 515-527.	2.8	23
13	Inventory, diversity and communities of macrofungi in the Collestrada forest (Umbria, central Italy). <i>Plant Biosystems</i> , 2016, 150, 1096-1105.	1.6	9
14	Wood identification of pile dwellings from the Bronze Age San Savino site (Lake Trasimeno, central) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	8
15	Impact of the competition between mating types on the cultivation of <i>Tuber melanosporum</i> : Romeo and Juliet and the matter of space and time. <i>Mycorrhiza</i> , 2014, 24, 19-27.	2.8	41
16	Macrofungi in Mediterranean maquis along seashore and altitudinal transects. <i>Plant Biosystems</i> , 2014, 148, 367-376.	1.6	15
17	Wild and cultivated mushrooms as a model of sustainable development. <i>Plant Biosystems</i> , 2013, 147, 226-236.	1.6	34
18	Fine-scale spatial genetic structure of the black truffle (<i>Tuber melanosporum</i>) investigated with neutral microsatellites and functional mating type genes. <i>New Phytologist</i> , 2013, 199, 176-187.	7.3	83

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19	Mating Type Locus of Chinese Black Truffles Reveals Heterothallism and the Presence of Cryptic Species within the <i>T. indicum</i> Species Complex. <i>PLoS ONE</i> , 2013, 8, e82353.	2.5	26
20	Self/nonself recognition in <i>Tuber melanosporum</i> is not mediated by a heterokaryon incompatibility system. <i>Fungal Biology</i> , 2012, 116, 261-275.	2.5	34
21	Genomics of <i>Tuber melanosporum</i> : New Knowledge Concerning Reproductive Biology, Symbiosis, and Aroma Production. <i>Soil Biology</i> , 2012, , 57-72.	0.8	10
22	The endophytic fungal communities associated with the leaves and roots of the common reed (<i>Phragmites australis</i>) in Lake Trasimeno (Perugia, Italy) in declining and healthy stands. <i>Fungal Ecology</i> , 2012, 5, 683-693.	1.6	72
23	Comparison of ectomycorrhizal communities in natural and cultivated <i>Tuber melanosporum</i> truffle grounds. <i>FEMS Microbiology Ecology</i> , 2012, 81, 547-561.	2.7	47
24	<i>Pestalotiopsis</i> Endophytes from Leaves of Two Orchid Species Collected in Costa Rica. <i>Cryptogamie, Mycologie</i> , 2011, 32, 315-321.	1.0	7
25	Distribution and localization of microsatellites in the Perigord black truffle genome and identification of new molecular markers. <i>Fungal Genetics and Biology</i> , 2011, 48, 592-601.	2.1	67
26	Identification and characterisation of human pathogenic filamentous fungi and susceptibility to <i>Thymus schimperii</i> essential oil. <i>Mycoses</i> , 2011, 54, e364-76.	4.0	35
27	Isolation and characterization of <i>MAT</i> genes in the symbiotic ascomycete <i>Tuber melanosporum</i> . <i>New Phytologist</i> , 2011, 189, 710-722.	7.3	108
28	<i>Tuber melanosporum</i> : mating type distribution in a natural plantation and dynamics of strains of different mating types on the roots of nursery-inoculated host plants. <i>New Phytologist</i> , 2011, 189, 723-735.	7.3	104
29	Novel morphological and genetic tools to discriminate species among the family Plumatellidae (Phylactolaemata, Bryozoa). <i>Hydrobiologia</i> , 2011, 664, 81-93.	2.0	12
30	The AD-type ectomycorrhizas, one of the most common morphotypes present in truffle fields, result from fungi belonging to the <i>Trichophaea woolhopeia</i> species complex. <i>Mycorrhiza</i> , 2011, 21, 17-25.	2.8	19
31	The strawberry transcription factor FaMYB1 inhibits the biosynthesis of proanthocyanidins in <i>Lotus corniculatus</i> leaves. <i>Journal of Experimental Botany</i> , 2011, 62, 1189-1200.	4.8	82
32	Identification of new polymorphic regions and differentiation of cultivated olives (<i>Olea europaea</i> L.) through plastome sequence comparison. <i>BMC Plant Biology</i> , 2010, 10, 211.	3.6	88
33	Perigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. <i>Nature</i> , 2010, 464, 1033-1038.	27.8	641
34	Tmt1: the first LTR-retrotransposon from a <i>Tuber</i> spp.. <i>Current Genetics</i> , 2008, 53, 23-34.	1.7	13
35	<i>Tuber melanosporum</i> outcrosses: analysis of the genetic diversity within and among its natural populations under this new scenario. <i>New Phytologist</i> , 2008, 180, 466-478.	7.3	98
36	Troubles with truffles: unveiling more of their biology. <i>New Phytologist</i> , 2007, 174, 256-259.	7.3	36

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37	Isolation and characterization of some mycelia inhabiting <i>Tuber</i> ascomata. <i>Mycological Research</i> , 2007, 111, 1450-1460.	2.5	61
38	Reevaluation of the Life Cycle of <i>Tuber magnatum</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 2390-2393.	3.1	129
39	Typing <i>Tuber melanosporum</i> and Chinese black truffle species by molecular markers. <i>FEMS Microbiology Letters</i> , 2006, 153, 255-260.	1.8	82
40	Morphological and molecular analyses of ectomycorrhizal diversity in a man-made <i>T. melanosporum</i> plantation: description of novel truffle-like morphotypes. <i>Mycorrhiza</i> , 2006, 16, 475-484.	2.8	44
41	Assessment of inter- and intra-specific variability in the main species of <i>Boletus edulis</i> complex by ITS analysis. <i>FEMS Microbiology Letters</i> , 2005, 243, 411-416.	1.8	35
42	Genetic and Phylogeographic Structures of the Symbiotic Fungus <i>Tuber magnatum</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 6584-6589.	3.1	84
43	Isolation and characterization of polymorphic microsatellite loci in white truffle (<i>Tuber magnatum</i>). <i>Molecular Ecology Notes</i> , 2004, 4, 116-118.	1.7	37
44	<i>Tuber aestivum</i> and <i>Tuber uncinatum</i> : two morphotypes or two species?. <i>FEMS Microbiology Letters</i> , 2004, 235, 109-115.	1.8	45
45	<i>Tuber aestivum</i> and <i>Tuber uncinatum</i> : two morphotypes or two species?. <i>FEMS Microbiology Letters</i> , 2004, 235, 109-115.	1.8	21
46	The Headspace Volatiles of the Asian Truffle <i>Tuber indicum</i> Cooke et Mass. <i>Journal of Essential Oil Research</i> , 2002, 14, 3-5.	2.7	10
47	Morphological characterization of molecular-typed <i>Tuber magnatum</i> ectomycorrhizae. <i>Mycorrhiza</i> , 2001, 11, 179-185.	2.8	32
48	Cloning and characterization of two repeated sequences in the symbiotic fungus <i>Tuber melanosporum</i> Vitt.. <i>FEMS Microbiology Ecology</i> , 2000, 34, 139-146.	2.7	20
49	Cloning and characterization of two repeated sequences in the symbiotic fungus <i>Tuber melanosporum</i> Vitt.. <i>FEMS Microbiology Ecology</i> , 2000, 34, 139-146.	2.7	1
50	Rapid molecular approach for a reliable identification of <i>Tuber</i> spp. ectomycorrhizae. <i>FEMS Microbiology Ecology</i> , 1999, 28, 23-30.	2.7	103
51	Rapid molecular approach for a reliable identification of <i>Tuber</i> spp. ectomycorrhizae. <i>FEMS Microbiology Ecology</i> , 1999, 28, 23-30.	2.7	7
52	Single step molecular characterization of morphologically similar black truffle species. <i>FEMS Microbiology Letters</i> , 1998, 164, 7-12.	1.8	64
53	Single step molecular characterization of morphologically similar black truffle species. <i>FEMS Microbiology Letters</i> , 1998, 164, 7-12.	1.8	3
54	Typing <i>Tuber melanosporum</i> and Chinese black truffle species by molecular markers. <i>FEMS Microbiology Letters</i> , 1997, 153, 255-260.	1.8	1