

Andrea Rubini

List of Publications by Year in descending order

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54
papers

2,733
citations

186265

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182427

51
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docs citations

55
times ranked

2339
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Perigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. <i>Nature</i> , 2010, 464, 1033-1038. | 27.8 | 641 |
| 2 | Reevaluation of the Life Cycle of <i>Tuber magnatum</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 2390-2393. | 3.1 | 129 |
| 3 | 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 |
| 4 | <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 |
| 5 | Rapid molecular approach for a reliable identification of <i>Tuber</i> spp. <i>ectomycorrhizae</i> . <i>FEMS Microbiology Ecology</i> , 1999, 28, 23-30. | 2.7 | 103 |
| 6 | <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 |
| 7 | Peizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. <i>Nature Ecology and Evolution</i> , 2018, 2, 1956-1965. | 7.8 | 95 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Single step molecular characterization of morphologically similar black truffle species. <i>FEMS Microbiology Letters</i> , 1998, 164, 7-12. | 1.8 | 64 |
| 16 | Isolation and characterization of some mycelia inhabiting <i>Tuber</i> ascomata. <i>Mycological Research</i> , 2007, 111, 1450-1460. | 2.5 | 61 |
| 17 | Certainties and uncertainties about the life cycle of the Perigord black truffle (<i>Tuber melanosporum</i>) Tj ETQq1 1 0.784314 ggBT /Over | 2.0 | 61 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | <i>Tuber aestivum</i> and <i>Tuber uncinatum</i> : two morphotypes or two species?. FEMS Microbiology Letters, 2004, 235, 109-115. | 1.8 | 45 |
| 20 | Morphological and molecular analyses of ectomycorrhizal diversity in a man-made <i>T. melanosporum</i> plantation: description of novel truffle-like morphotypes. Mycorrhiza, 2006, 16, 475-484. | 2.8 | 44 |
| 21 | 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. Mycorrhiza, 2014, 24, 19-27. | 2.8 | 41 |
| 22 | Isolation and characterization of polymorphic microsatellite loci in white truffle (<i>Tuber magnatum</i>). Molecular Ecology Notes, 2004, 4, 116-118. | 1.7 | 37 |
| 23 | Troubles with truffles: unveiling more of their biology. New Phytologist, 2007, 174, 256-259. | 7.3 | 36 |
| 24 | Assessment of inter- and intra-specific variability in the main species of <i>Boletus edulis</i> complex by ITS analysis. FEMS Microbiology Letters, 2005, 243, 411-416. | 1.8 | 35 |
| 25 | Identification and characterisation of human pathogenic filamentous fungi and susceptibility to <i>Thymus schimperi</i> essential oil. Mycoses, 2011, 54, e364-76. | 4.0 | 35 |
| 26 | Self/nonself recognition in <i>Tuber melanosporum</i> is not mediated by a heterokaryon incompatibility system. Fungal Biology, 2012, 116, 261-275. | 2.5 | 34 |
| 27 | Wild and cultivated mushrooms as a model of sustainable development. Plant Biosystems, 2013, 147, 226-236. | 1.6 | 34 |
| 28 | Morphological characterization of molecular-typed <i>Tuber magnatum</i> ectomycorrhizae. Mycorrhiza, 2001, 11, 179-185. | 2.8 | 32 |
| 29 | Mating Type Locus of Chinese Black Truffles Reveals Heterothallism and the Presence of Cryptic Species within the <i>T. indicum</i> Species Complex. PLoS ONE, 2013, 8, e82353. | 2.5 | 26 |
| 30 | Characterization of the reproductive mode and life cycle of the whitish truffle <i>T. borchii</i> . Mycorrhiza, 2016, 26, 515-527. | 2.8 | 23 |
| 31 | <i>Tuber aestivum</i> and <i>Tuber uncinatum</i> : two morphotypes or two species?. FEMS Microbiology Letters, 2004, 235, 109-115. | 1.8 | 21 |
| 32 | Cloning and characterization of two repeated sequences in the symbiotic fungus <i>Tuber melanosporum</i> Vitt.. FEMS Microbiology Ecology, 2000, 34, 139-146. | 2.7 | 20 |
| 33 | 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. Mycorrhiza, 2011, 21, 17-25. | 2.8 | 19 |
| 34 | <i>Tuber magnatum</i> : The Special One. What Makes It so Different from the Other <i>Tuber</i> spp.?. Soil Biology, 2016, , 87-103. | 0.8 | 19 |
| 35 | Macrofungi in Mediterranean maquis along seashore and altitudinal transects. Plant Biosystems, 2014, 148, 367-376. | 1.6 | 15 |
| 36 | Tmt1: the first LTR-retrotransposon from a <i>Tuber</i> spp.. Current Genetics, 2008, 53, 23-34. | 1.7 | 13 |

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|----|--|-----|-----------|
| 37 | Genetic Structure and Phylogeography of <i>Tuber magnatum</i> Populations. <i>Diversity</i> , 2020, 12, 44. | 1.7 | 13 |
| 38 | Novel morphological and genetic tools to discriminate species among the family Plumatellidae (Phylactolaemata, Bryozoa). <i>Hydrobiologia</i> , 2011, 664, 81-93. | 2.0 | 12 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Inventory, diversity and communities of macrofungi in the Collestrada forest (Umbria, central Italy). <i>Plant Biosystems</i> , 2016, 150, 1096-1105. | 1.6 | 9 |
| 44 | Wood identification of pile dwellings from the Bronze Age San Savino site (Lake Trasimeno, central Italy). <i>Journal of Archaeological Science</i> , 2018, 92, 1029-1038. | 1.6 | 8 |
| 45 | 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 |
| 46 | 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 |
| 47 | <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 |
| 48 | 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 |
| 49 | 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 |
| 50 | Current knowledge of Umbrian macrofungi (central Italy). <i>Plant Biosystems</i> , 2017, 151, 915-923. | 1.6 | 6 |
| 51 | Single step molecular characterization of morphologically similar black truffle species. <i>FEMS Microbiology Letters</i> , 1998, 164, 7-12. | 1.8 | 3 |
| 52 | 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 |
| 53 | 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 |
| 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 |