

Francesco Paolucci

List of Publications by Year in descending order

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75
papers

3,456
citations

126907

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149698

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all docs

75
docs citations

75
times ranked

2960
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to different light intensities affects emission of volatiles and accumulations of both pigments and phenolics in <i>Azolla filiculoides</i> . <i>Physiologia Plantarum</i> , 2022, 174, e13619.	5.2	6
2	Functional Characterization of MtrGSTF7, a Glutathione S-Transferase Essential for Anthocyanin Accumulation in <i>Medicago truncatula</i> . <i>Plants</i> , 2022, 11, 1318.	3.5	5
3	Desert truffle genomes reveal their reproductive modes and new insights into plant-fungal interaction and ectendomycorrhizal lifestyle. <i>New Phytologist</i> , 2021, 229, 2917-2932.	7.3	19
4	Light and Temperature Shape the Phenylpropanoid Profile of <i>Azolla filiculoides</i> Fronds. <i>Frontiers in Plant Science</i> , 2021, 12, 727667.	3.6	6
5	Whole-Transcriptome Analysis Unveils the Synchronized Activities of Genes for Fructans in Developing Tubers of the Jerusalem Artichoke. <i>Frontiers in Plant Science</i> , 2020, 11, 101.	3.6	10
6	Genetic Structure and Phylogeography of <i>Tuber magnatum</i> Populations. <i>Diversity</i> , 2020, 12, 44.	1.7	13
7	Orchard Conditions and Fruiting Body Characteristics Drive the Microbiome of the Black Truffle <i>Tuber aestivum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1437.	3.5	31
8	Molecular phylogenetic analyses show that <i>Amanita ovoidea</i> and <i>Amanita proxima</i> are distinct species and suggest their assignment to <i>Roanokenses</i> section. <i>Mycological Progress</i> , 2019, 18, 1275-1283.	1.4	4
9	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
10	Drought stress induces a biphasic NO accumulation in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2019, 14, e1573098.	2.4	5
11	Pezizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. <i>Nature Ecology and Evolution</i> , 2018, 2, 1956-1965.	7.8	95
12	Early Responses to Severe Drought Stress in the <i>Arabidopsis thaliana</i> Cell Suspension Culture Proteome. <i>Proteomes</i> , 2018, 6, 38.	3.5	24
13	Isolation and Characterization of the Flavonol Regulator CcMYB12 From the Globe Artichoke [<i>Cynara cardunculus</i> var. <i>scolymus</i> (L.) Fiori]. <i>Frontiers in Plant Science</i> , 2018, 9, 941.	3.6	25
14	The R2R3-MYB TT2b and the bHLH TT8 genes are the major regulators of proanthocyanidin biosynthesis in the leaves of <i>Lotus</i> species. <i>Planta</i> , 2017, 246, 243-261.	3.2	24
15	The R2R3MYB VvMYBPA1 from grape reprograms the phenylpropanoid pathway in tobacco flowers. <i>Planta</i> , 2017, 246, 185-199.	3.2	38
16	<i>Tuber magnatum</i> : The Special One. What Makes It so Different from the Other Tuber spp.?. <i>Soil Biology</i> , 2016, , 87-103.	0.8	19
17	Certainties and uncertainties about the life cycle of the Périgord black truffle (<i>Tuber melanosporum</i>) Tj ETQq1 1 0.784314 ggBT /Over 2.0 61	2.0	61
18	An apomixis-linked <i>ORC3</i> -like pseudogene is associated with silencing of its functional homolog in apomictic <i>Paspalum simplex</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 1965-1978.	4.8	53

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19	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
20	SSR-based identification of genetic groups within European populations of <i>Tuber aestivum</i> Vittad. <i>Mycorrhiza</i> , 2016, 26, 99-110.	2.8	17
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. <i>Mycorrhiza</i> , 2014, 24, 19-27.	2.8	41
22	<i>Lotus tenuis</i> x <i>L. corniculatus</i> interspecific hybridization as a means to breed bloat-safe pastures and gain insight into the genetic control of proanthocyanidin biosynthesis in legumes. <i>BMC Plant Biology</i> , 2014, 14, 40.	3.6	27
23	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
24	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
25	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
26	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
27	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
28	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
29	The <i>Arabidopsis thaliana</i> cysteine-rich receptor-like kinase CRK20 modulates host responses to <i>Pseudomonas syringae</i> pv. tomato DC3000 infection. <i>Journal of Plant Physiology</i> , 2011, 168, 1784-1794.	3.5	68
30	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
31	<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
32	Novel morphological and genetic tools to discriminate species among the family Plumatellidae (Phylactolaemata, Bryozoa). <i>Hydrobiologia</i> , 2011, 664, 81-93.	2.0	12
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. <i>Mycorrhiza</i> , 2011, 21, 17-25.	2.8	19
34	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
35	Agronomic and molecular analysis of heterosis in alfalfa. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 288-290.	0.8	3
36	Perigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. <i>Nature</i> , 2010, 464, 1033-1038.	27.8	641

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37	Proanthocyanidin Biosynthesis in Forage Legumes with Especial Reference to the Regulatory Role of R2R3MYB Transcription Factors and Their Analysis in <i>Lotus japonicus</i> . , 2009, , 125-132.		0
38	Tmt1: the first LTR-retrotransposon from a Tuber spp.. <i>Current Genetics</i> , 2008, 53, 23-34.	1.7	13
39	<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
40	Genetic Transformation of <i>Lotus</i> Species. , 2008, , 301-315.		1
41	Ectopic Expression of a Basic Helix-Loop-Helix Gene Transactivates Parallel Pathways of Proanthocyanidin Biosynthesis. Structure, Expression Analysis, and Genetic Control of Leucoanthocyanidin 4-Reductase and Anthocyanidin Reductase Genes in <i>Lotus corniculatus</i> Â. <i>Plant Physiology</i> , 2007, 143, 504-516.	4.8	90
42	The overexpression of an alternative oxidase gene triggers ozone sensitivity in tobacco plants. <i>Plant, Cell and Environment</i> , 2007, 30, 1545-1556.	5.7	54
43	Troubles with truffles: unveiling more of their biology. <i>New Phytologist</i> , 2007, 174, 256-259.	7.3	36
44	Isolation and characterization of some mycelia inhabiting Tuber ascomata. <i>Mycological Research</i> , 2007, 111, 1450-1460.	2.5	61
45	Reevaluation of the Life Cycle of <i>Tuber magnatum</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 2390-2393.	3.1	129
46	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
47	Gene expression profiles of O3-treated <i>Arabidopsis</i> plants. <i>Plant, Cell and Environment</i> , 2006, 29, 1686-1702.	5.7	84
48	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
49	Molecular cytogenetics and DNA sequence analysis of an apomixis-linked BAC in <i>Paspalum simplex</i> reveal a non pericentromere location and partial microcolinearity with rice. <i>Theoretical and Applied Genetics</i> , 2006, 112, 1179-1191.	3.6	90
50	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
51	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
52	Light and an exogenous transcription factor qualitatively and quantitatively affect the biosynthetic pathway of condensed tannins in <i>Lotus corniculatus</i> leaves. <i>Journal of Experimental Botany</i> , 2005, 56, 1093-1103.	4.8	45
53	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
54	<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

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55	Tuber aestivum and Tuber uncinatum: two morphotypes or two species?. FEMS Microbiology Letters, 2004, 235, 109-115.	1.8	21
56	Sn, a maize bHLH gene, modulates anthocyanin and condensed tannin pathways in Lotus corniculatus. Journal of Experimental Botany, 2003, 54, 239-248.	4.8	70
57	Sn-Transgenic Lotus corniculatus Lines: A Potential Source of Differentially Expressed Genes Involved in Condensed Tannins Biosynthesis. , 2003, , 525-528.		0
58	The Headspace Volatiles of the Asian Truffle <i>Tuber indicum</i> Cooke et Mass. Journal of Essential Oil Research, 2002, 14, 3-5.	2.7	10
59	Expression patterns of endothelial and inducible nitric oxide synthase isoforms in corpora lutea of pseudopregnant rabbits at different luteal stages. Journal of Endocrinology, 2002, 173, 285-296.	2.6	17
60	Morphological characterization of molecular-typed Tuber magnatum ectomycorrhizae. Mycorrhiza, 2001, 11, 179-185.	2.8	32
61	The volatile organic compounds from the mycelium of Tuber borchii Vitt.. Phytochemistry, 2000, 55, 983-985.	2.9	55
62	Cloning and characterization of two repeated sequences in the symbiotic fungus Tuber melanosporum Vitt.. FEMS Microbiology Ecology, 2000, 34, 139-146.	2.7	20
63	Cloning and characterization of two repeated sequences in the symbiotic fungus Tuber melanosporum Vitt.. FEMS Microbiology Ecology, 2000, 34, 139-146.	2.7	1
64	Rapid molecular approach for a reliable identification of Tuber spp. ectomycorrhizae. FEMS Microbiology Ecology, 1999, 28, 23-30.	2.7	103
65	Transcription of a maize cDNA in Lotus corniculatus is regulated by T-DNA methylation and transgene copy number. Theoretical and Applied Genetics, 1999, 98, 257-264.	3.6	12
66	The maize transcription factor Sn alters proanthocyanidin synthesis in transgenic Lotus corniculatus plants. Functional Plant Biology, 1999, 26, 159.	2.1	26
67	Birdsfoot Trefoil: A Model for Studying the Synthesis of Condensed Tannins. , 1999, 66, 343-356.		5
68	Rapid molecular approach for a reliable identification of Tuber spp. ectomycorrhizae. FEMS Microbiology Ecology, 1999, 28, 23-30.	2.7	7
69	Single step molecular characterization of morphologically similar black truffle species. FEMS Microbiology Letters, 1998, 164, 7-12.	1.8	64
70	A maize anthocyanin transactivator induces pigmentation in hairy roots of dicotyledonous species. Plant Cell Reports, 1998, 17, 339-344.	5.6	22
71	Single step molecular characterization of morphologically similar black truffle species. FEMS Microbiology Letters, 1998, 164, 7-12.	1.8	3
72	A repetitive and species-specific sequence as a tool for detecting the genome contribution in somatic hybrids of the genus Medicago. Theoretical and Applied Genetics, 1997, 95, 734-740.	3.6	12

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73	Identification of <i>Tuber</i> spp and corresponding ectomycorrhizae through molecular markers. <i>Journal of the Science of Food and Agriculture</i> , 1995, 69, 511-517.	3.5	40
74	Expression of the Neuron-Specific FE65 Gene Marks the Development of Embryo Ganglionic Derivatives. <i>Developmental Neuroscience</i> , 1994, 16, 53-60.	2.0	30
75	Introduction of hygromycin resistance in <i>Lotus</i> spp. through <i>Agrobacterium rhizogenes</i> transformation. <i>Transgenic Research</i> , 1993, 2, 330-335.	2.4	18