Giovanni Pacioni

List of Publications by Year
in descending order

66	1,752	331670 21	289244 40
papers	citations	h-index	g-index

66	66	66	1965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PÃ©rigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. Nature, 2010, 464, 1033-1038.	27.8	641
2	Isolation and characterization of some mycelia inhabiting Tuber ascomata. Mycological Research, 2007, 111, 1450-1460.	2.5	61
3	Composition of commercial truffle flavored oils with GCâ€“MS analysis and discrimination with an electronic nose. Food Chemistry, 2014, 146, 30-35.	8.2	61
4	Assessment of ectomycorrhizal fungal communities in the natural habitats of Tuber magnatum (Ascomycota, Pezizales). Mycorrhiza, 2013, 23, 349-358.	2.8	55
5	Isolation of beauvericin from Paecilomyces fumoso-roseus. Phytochemistry, 1975, 14, 1865.	2.9	51
6	Odour composition of the Tuber melanosporum complex. Mycological Research, 1990, 94, 201-204.	2.5	40
7	Insect attraction by Tuber: a chemical explanation. Mycological Research, 1991, 95, 1359-1363.	2.5	40
8	Effects of Tuber metabolites on the rhizospheric environment. Mycological Research, 1991, 95, 1355-1358.	2.5	40
9	Validation of reference genes for quantitative real-time PCR in PÃ©rigord black truffle (Tuber) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.9	38
10	Assessment of inter- and intra-specific variability in the main species ofBoletus eduliscomplex by ITS analysis. FEMS Microbiology Letters, 2005, 243, 411-416.	1.8	35
11	Instrumental monitoring of the birth and development of truffles in a Tuber melanosporum orchard. Mycorrhiza, 2014, 24, 65-72.	2.8	34
12	Intraspecific isozyme variability in Italian populations of the white truffle Tuber magnatum. Mycological Research, 2001, 105, 365-369.	2.5	31
13	Spatio-Temporal Dynamic of Tuber magnatum Mycelium in Natural Truffle Grounds. PLoS ONE, 2014, 9, e115921.	2.5	31
14	Truffles contain endocannabinoid metabolic enzymes and anandamide. Phytochemistry, 2015, 110, 104-110.	2.9	30
15	16 Wet-sieving and Decanting Techniques for the Extraction of Spores of Vesicular-arbuscular Fungi. Methods in Microbiology, 1992, 24, 317-322.	0.8	28
16	Truffle tyrosinase: Properties and activity. Plant Science, 1992, 81, 175-182.	3.6	27
17	Fungi in ectomycorrhizal associations of silver fir (Abies alba Miller) in Central Italy. Mycorrhiza, 1998, 7, 323-328.	2.8	27
18	Melanogenesis, Tyrosinase Expression, and Reproductive Differentiation in Black and White Truffles (Ascomycotina). Pigment Cell & Melanoma Research, 1997, 10, 46-53.	3.6	26

#	Article	IF	Citations
19	Lactarius ectomycorrhizae on Abies alba: morphological description, molecular characterization, and taxonomic remarks. Mycologia, 2000, 92, 860-873.	1.9	25
20	Lactarius Ectomycorrhizae on Abies alba: Morphological Description, Molecular Characterization, and Taxonomic Remarks. Mycologia, 2000, 92, 860.	1.9	25
21	Estimation of fungal spore concentrations associated to meteorological variables. Aerobiologia, 2007, 23, 221-228.	1.7	22
22	Partial structures of truffle melanins. Phytochemistry, 1996, 43, 1103-1106.	2.9	20
23	In vitro propagation of Artemisia petrosa ssp. eriantha: Potential for the preservation of an endangered species. Plant Biosystems, 2004, 138, 291-294.	1.6	19
24	Truffle thio-flavours reversibly inhibit truffle tyrosinase. FEMS Microbiology Letters, 2003, 220, 81-88.	1.8	18
25	Tyrosinase expression during black truffle development: From free living mycelium to ripe fruit body. Phytochemistry, 2011, 72, 2317-2324.	2.9	18
26	Crested porcupines (Hystrix cristata): mycophagist spore dispersers of the ectomycorrhizal truffle Tuber aestivum. Mycorrhiza, 2018, 28, 561-565.	2.8	18
27	Scanning electron microscopy of Tuber sporocarps and associated bacteria. Mycological Research, 1990, 94, 1086-1089.	2.5	17
28	Characterization of Lactarius tesquorum ectomycorrhizae on Cistus sp. and molecular phylogeny of related European Lactarius taxa. Mycologia, 2004, 96, 272-282.	1.9	16
29	Current state and perspectives of truffle genetics and sustainable biotechnology. Applied Microbiology and Biotechnology, 2006, 72, 437-441.	3.6	16
30	Ectomycorrhizal Fungal Communities of Edible Ectomycorrhizal Mushrooms. Soil Biology, 2012, , 105-124.	0.8	15
31	Truffle Development and Interactions with the Biotic Environment. , 1995, , 213-227.		15
32	Paecilomyces farinosus, the conidial state of Cordyceps memorabilis. Canadian Journal of Botany, 1978, 56, 391-394.	1.1	14
33	Effect of tyrosinase inhibitors on Tuber borchii mycelium growth in vitro. FEMS Microbiology Letters, 1999, 180, 69-75.	1.8	14
34	Transcriptional, biochemical and histochemical investigation on laccase expression during Tuber melanosporum Vittad. development. Phytochemistry, 2013, 87, 23-29.	2.9	13
35	Genetic Structure and Phylogeography of Tuber magnatum Populations. Diversity, 2020, 12, 44.	1.7	13
36	The cell death phenomenon duringTuberectomycorrhiza morphogenesis. Plant Biosystems, 2014, 148, 473-482.	1.6	12

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37	White truffles, like black ones, are tyrosinase positive. Plant Science, 1996, 120, 29-36.	3.6	11
38	Truffle-Inhabiting Fungi. Soil Biology, 2016, , 283-299.	0.8	11
39	Characterization of Lactarius tesquorum Ectomycorrhizae on Cistus sp. and Molecular Phylogeny of Related European Lactarius Taxa. Mycologia, 2004, 96, 272.	1.9	10
40	Two new species of Tuber previously reported as Tuber malacodermum. Mycologia, 2019, 111, 676-689.	1.9	10
41	Effect of slug mycophagy on Tuber aestivum spores. Fungal Biology, 2021, 125, 796-805.	2.5	10
42	Glutathione dependent enzymes and antioxidant defences in truffles: organisms living in microaerobic environments. Mycological Research, 1999, 103, 1643-1648.	2.5	9
43	Terpenoid profiles of in vitro regenerated Artemisia petrosa subsp. eriantha (Apennines' genepÃ¬)[*]. Annals of Applied Biology, 2010, 157, 309-316.	2.5	9
44	Internal structure and quality assessment of fresh truffleTuber melanosporumby means of magnetic resonance imaging spectroscopy. Plant Biosystems, 2010, 144, 826-832.	1.6	9
45	Some entomogenous fungi originally referred to Isaria. Transactions of the British Mycological Society, 1980, 74, 239-245.	0.6	8
46	Expanding the understanding of a forest ectomycorrhizal community by combining root tips and fruiting bodies: a case study of Tuber magnatum stands. Turkish Journal of Botany, 2015, 39, 527-534.	1.2	8
47	Ploidy and chromosomal number inTuber aestivum. FEMS Microbiology Letters, 1998, 167, 101-105.	1.8	6
48	An assessment of below-ground ectomycorrhizal diversity ofAbies albamiller in central Italy. Plant Biosystems, 2001, 135, 337-350.	1.6	6
49	Tuber borchiimycelial protoplasts isolation, characterization and functional delivery of liposome content, a new step towards truffles biotechnology. FEMS Microbiology Letters, 2005, 253, 331-337.	1.8	5
50	The challenge for identifying the fungi living inside mushrooms: the case of truffle inhabiting mycelia. Plant Biosystems, 2018, 152, 1002-1010.	1.6	5
51	Biochemical, electrophoretic and immunohistochemical aspects of malate dehydrogenase in truffles (Ascomycotina). FEMS Microbiology Letters, 2000, 185, 213-219.	1.8	4
52	Typification of the Four Most Investigated and Valuable Truffles: Tuber aestivum Vittad., T. borchii Vittad., T. magnatum Picco and T. melanosporum Vittad.. Cryptogamie, Mycologie, 2021, 42, .	1.0	4
53	Un nuovo ascomicete entomogeno rinvenuto in grotta: Cordyceps riverae. Giornale Botanico Italiano (Florence, Italy: 1962), 1978, 112, 395-398.	0.0	3
54	Truffles: Biodiversity, Ecological Significances, and Biotechnological Applications. Fungal Biology, 2021, , 107-146.	0.6	3

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55	Virtual Truffle Huntingâ€"A New Method of Burgundy Truffle (Tuber aestivum Vittad.) Site Typing. Forests, 2021, 12, 1239.	2.1	3
56	Nuove segnalazioni di funghi entomogeni. Giornale Botanico Italiano (Florence, Italy: 1962), 1980, 114, 169-174.	0.0	2
57	Accumulation of Trace Metals in the Lichen Evernia prunastri Transplanted at Biomonitoring Sites in Central Italy. Bryologist, 1998, 101, 451.	0.6	2
58	Biochemical systematics of some species ofLactariussectionDapetes. Plant Biosystems, 2002, 136, 115-121.	1.6	2
59	Values and challenges in the assessment of coprophilous fungi according to the IUCN Red List criteria: the case study of Poronia punctata (Xylariales, Ascomycota). Plant Biosystems, 2021, 155, 199-203.	1.6	2
60	Brauniellula crassitunicata, a New Secotioid Species of Gomphidiaceae (Boletales, Basidiomycotina). Mycologia, 1990, 82, 617.	1.9	1
61	The genomic tool-kit of the truffle Tuber melanosporum programmed cell death. Cell Death Discovery, 2018, 4, 32.	4.7	1
62	Effect of tyrosinase inhibitors on Tuber borchii mycelium growth in vitro. FEMS Microbiology Letters, 1999, 180, 69-75.	1.8	1
63	Multilocus Phylogeography of the Tuber mesentericum Complex Unearths Three Highly Divergent Cryptic Species. Journal of Fungi (Basel, Switzerland), 2021, 7, 1090.	3.5	1
64	(2867â€"2871) Proposals to conserve the names Tuber aestivum Vittad. against T.Âaestivum (Wulfen) Spreng. and T.Âblotii, T.Âmagnatum against T.Âgriseum, and T.Âmelanosporum against T. nigrum, and to reject the names T.Âalbidum and T.Âcibarium (Ascomycota: Pezizomycetes). Taxon, 2022, 71, 463-465.	0.7	0
65	Biochemical, electrophoretic and immunohistochemical aspects of malate dehydrogenase in truffles (Ascomycotina). FEMS Microbiology Letters, 2000, 185, 213-219.	1.8	0
66	Ploidy and chromosomal number in Tuber aestivum. FEMS Microbiology Letters, 1998, 167, 101-105.	1.8	0