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	(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
2	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
3	Truffles: Biodiversity, Ecological Significances, and Biotechnological Applications. Fungal Biology, 2021, , 107-146.	0.6	3
4	Virtual Truffle Huntingâ€”A New Method of Burgundy Truffle (Tuber aestivum Vittad.) Site Typing. Forests, 2021, 12, 1239.	2.1	3
5	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
6	Effect of slug mycophagy on Tuber aestivum spores. Fungal Biology, 2021, 125, 796-805.	2.5	10
7	Multilocus Phylogeography of the Tuber mesentericum Complex Unearths Three Highly Divergent Cryptic Species. Journal of Fungi (Basel, Switzerland), 2021, 7, 1090.	3.5	1
8	Genetic Structure and Phylogeography of Tuber magnatum Populations. Diversity, 2020, 12, 44.	1.7	13
9	Two new species of Tuber previously reported as Tuber malacodermum. Mycologia, 2019, 111, 676-689.	1.9	10
10	The genomic tool-kit of the truffle Tuber melanosporum programmed cell death. Cell Death Discovery, 2018, 4, 32.	4.7	1
11	The challenge for identifying the fungi living inside mushrooms: the case of truffle inhabiting mycelia. Plant Biosystems, 2018, 152, 1002-1010.	1.6	5
12	Crested porcupines (Hystrix cristata): mycophagist spore dispersers of the ectomycorrhizal truffle Tuber aestivum. Mycorrhiza, 2018, 28, 561-565.	2.8	18
13	Truffle-Inhabiting Fungi. Soil Biology, 2016, , 283-299.	0.8	11
14	Truffles contain endocannabinoid metabolic enzymes and anandamide. Phytochemistry, 2015, 110, 104-110.	2.9	30
15	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
16	Validation of reference genes for quantitative real-time PCR in PÃ©rigord black truffle (Tuber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.9	38
17	Spatio-Temporal Dynamic of Tuber magnatum Mycelium in Natural Truffle Grounds. PLoS ONE, 2014, 9, e115921.	2.5	31
18	The cell death phenomenon duringTuberectomycorrhiza morphogenesis. Plant Biosystems, 2014, 148, 473-482.	1.6	12

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19	Instrumental monitoring of the birth and development of truffles in a Tuber melanosporum orchard. Mycorrhiza, 2014, 24, 65-72.	2.8	34
20	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
21	Assessment of ectomycorrhizal fungal communities in the natural habitats of Tuber magnatum (Ascomycota, Pezizales). Mycorrhiza, 2013, 23, 349-358.	2.8	55
22	Transcriptional, biochemical and histochemical investigation on laccase expression during Tuber melanosporum Vittad. development. Phytochemistry, 2013, 87, 23-29.	2.9	13
23	Ectomycorrhizal Fungal Communities of Edible Ectomycorrhizal Mushrooms. Soil Biology, 2012, , 105-124.	0.8	15
24	Tyrosinase expression during black truffle development: From free living mycelium to ripe fruit body. Phytochemistry, 2011, 72, 2317-2324.	2.9	18
25	Terpenoid profiles of in vitro regenerated Artemisia petrosa subsp. eriantha (Apennines' genepÃ¬)[*]. Annals of Applied Biology, 2010, 157, 309-316.	2.5	9
26	PÃ©rigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. Nature, 2010, 464, 1033-1038.	27.8	641
27	Internal structure and quality assessment of fresh truffleTuber melanosporumby means of magnetic resonance imaging spectroscopy. Plant Biosystems, 2010, 144, 826-832.	1.6	9
28	Isolation and characterization of some mycelia inhabiting Tuber ascomata. Mycological Research, 2007, 111, 1450-1460.	2.5	61
29	Estimation of fungal spore concentrations associated to meteorological variables. Aerobiologia, 2007, 23, 221-228.	1.7	22
30	Current state and perspectives of truffle genetics and sustainable biotechnology. Applied Microbiology and Biotechnology, 2006, 72, 437-441.	3.6	16
31	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
32	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
33	Characterization of Lactarius tesquorum Ectomycorrhizae on Cistus sp. and Molecular Phylogeny of Related European Lactarius Taxa. Mycologia, 2004, 96, 272.	1.9	10
34	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
35	Characterization of Lactarius tesquorum ectomycorrhizae on Cistus sp. and molecular phylogeny of related European Lactarius taxa. Mycologia, 2004, 96, 272-282.	1.9	16
36	Truffle thio-flavours reversibly inhibit truffle tyrosinase. FEMS Microbiology Letters, 2003, 220, 81-88.	1.8	18

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37	Biochemical systematics of some species ofLactariussectionDapetes. Plant Biosystems, 2002, 136, 115-121.	1.6	2
38	Intraspecific isozyme variability in Italian populations of the white truffle Tuber magnatum. Mycological Research, 2001, 105, 365-369.	2.5	31
39	An assessment of below-ground ectomycorrhizal diversity ofAbies albamiller in central Italy. Plant Biosystems, 2001, 135, 337-350.	1.6	6
40	Biochemical, electrophoretic and immunohistochemical aspects of malate dehydrogenase in truffles (Ascomycotina). FEMS Microbiology Letters, 2000, 185, 213-219.	1.8	4
41	Lactarius ectomycorrhizae on Abies alba: morphological description, molecular characterization, and taxonomic remarks. Mycologia, 2000, 92, 860-873.	1.9	25
42	Lactarius Ectomycorrhizae on Abies alba: Morphological Description, Molecular Characterization, and Taxonomic Remarks. Mycologia, 2000, 92, 860.	1.9	25
43	Biochemical, electrophoretic and immunohistochemical aspects of malate dehydrogenase in truffles (Ascomycotina). FEMS Microbiology Letters, 2000, 185, 213-219.	1.8	0
44	Effect of tyrosinase inhibitors on Tuber borchii mycelium growth in vitro. FEMS Microbiology Letters, 1999, 180, 69-75.	1.8	14
45	Glutathione dependent enzymes and antioxidant defences in truffles: organisms living in microaerobic environments. Mycological Research, 1999, 103, 1643-1648.	2.5	9
46	Effect of tyrosinase inhibitors on Tuber borchii mycelium growth in vitro. FEMS Microbiology Letters, 1999, 180, 69-75.	1.8	1
47	Ploidy and chromosomal number inTuber aestivum. FEMS Microbiology Letters, 1998, 167, 101-105.	1.8	6
48	Fungi in ectomycorrhizal associations of silver fir (Abies alba Miller) in Central Italy. Mycorrhiza, 1998, 7, 323-328.	2.8	27
49	Accumulation of Trace Metals in the Lichen Evernia prunastri Transplanted at Biomonitoring Sites in Central Italy. Bryologist, 1998, 101, 451.	0.6	2
50	Ploidy and chromosomal number in Tuber aestivum. FEMS Microbiology Letters, 1998, 167, 101-105.	1.8	0
51	Melanogenesis, Tyrosinase Expression, and Reproductive Differentiation in Black and White Truffles (Ascomycotina). Pigment Cell & Melanoma Research, 1997, 10, 46-53.	3.6	26
52	White truffles, like black ones, are tyrosinase positive. Plant Science, 1996, 120, 29-36.	3.6	11
53	Partial structures of truffle melanins. Phytochemistry, 1996, 43, 1103-1106.	2.9	20
54	Truffle Development and Interactions with the Biotic Environment. , 1995, , 213-227.		15

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55	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
56	Truffle tyrosinase: Properties and activity. Plant Science, 1992, 81, 175-182.	3.6	27
57	Insect attraction by Tuber: a chemical explanation. Mycological Research, 1991, 95, 1359-1363.	2.5	40
58	Effects of Tuber metabolites on the rhizospheric environment. Mycological Research, 1991, 95, 1355-1358.	2.5	40
59	Brauniellula crassitunicata, a New Secotioid Species of Gomphidiaceae (Boletales, Basidiomycotina). Mycologia, 1990, 82, 617.	1.9	1
60	Scanning electron microscopy of Tuber sporocarps and associated bacteria. Mycological Research, 1990, 94, 1086-1089.	2.5	17
61	Odour composition of the Tuber melanosporum complex. Mycological Research, 1990, 94, 201-204.	2.5	40
62	Nuove segnalazioni di funghi entomogeni. Giornale Botanico Italiano (Florence, Italy: 1962), 1980, 114, 169-174.	0.0	2
63	Some entomogenous fungi originally referred to Isaria. Transactions of the British Mycological Society, 1980, 74, 239-245.	0.6	8
64	Paecilomyces farinosus, the conidial state of Cordyceps memorabilis. Canadian Journal of Botany, 1978, 56, 391-394.	1.1	14
65	Un nuovo ascomicete entomogeno rinvenuto in grotta: Cordyceps riverae. Giornale Botanico Italiano (Florence, Italy: 1962), 1978, 112, 395-398.	0.0	3
66	Isolation of beauvericin from Paecilomyces fumoso-roseus. Phytochemistry, 1975, 14, 1865.	2.9	51