Paola Bonfante

List of Publications by Year
in descending order

288 papers	22,333 citations	5574 82 h-index	11939 134 g-index
304 all docs	304 docs citations	304 times ranked	12945 citing authors

#	Article	IF	Citations
1	The plant microbiota: composition, functions, and engineering. Current Opinion in Biotechnology, 2022, 73, 135-142.	6.6	52
2	Microbe Profile: Gigaspora margarita, a multifaceted arbuscular mycorrhizal fungus. Microbiology (United Kingdom), 2022, 168, .	1.8	1
3	Proteomic analysis reveals how pairing of a Mycorrhizal fungus with plant <scp>growthâ€promoting</scp> bacteria modulates growth and defense in wheat. Plant, Cell and Environment, 2021, 44, 1946-1960.	5.7	26
4	Quantifying Nutrient Trade in the Arbuscular Mycorrhizal Symbiosis Under Extreme Weather Events Using Quantum-Dot Tagged Phosphorus. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	6
5	Intragenic complementation at the <i>Lotus japonicus CELLULOSE SYNTHASE-LIKE D1</i> locus rescues root hair defects. Plant Physiology, 2021, 186, 2037-2050.	4.8	13
6	Plant genotype and seasonality drive fine changes in olive root microbiota. Current Plant Biology, 2021, 28, 100219.	4.7	13
7	The need for phosphate: at the root of the mycorrhizal symbiosis. Science Bulletin, 2021, , .	9.0	2
8	Symbiotic responses of <i>Lotus japonicus</i> to two isogenic lines of a mycorrhizal fungus differing in the presence/absence of an endobacterium. Plant Journal, 2021, 108, 1547-1564.	5.7	15
9	At the nexus of three kingdoms: the genome of the mycorrhizal fungus <i>Gigaspora margarita</i> provides insights into plant, endobacterial and fungal interactions. Environmental Microbiology, 2020, 22, 122-141.	3.8	84
10	Physiological Beneficial Effect of Rhizophagus intraradices Inoculation on Tomato Plant Yield under Water Deficit Conditions. Agronomy, 2020, 10, 71.	3.0	20
11	Tomato RNA-seq Data Mining Reveals the Taxonomic and Functional Diversity of Root-Associated Microbiota. Microorganisms, 2020, 8, 38.	3.6	15
12	Unique and common traits in mycorrhizal symbioses. Nature Reviews Microbiology, 2020, 18, 649-660.	28.6	277
13	The Mosaic Architecture of NRPS-PKS in the Arbuscular Mycorrhizal Fungus Gigaspora margarita Shows a Domain With Bacterial Signature. Frontiers in Microbiology, 2020, 11, 581313.	3.5	8
14	Water management and phenology influence the root-associated rice field microbiota. FEMS Microbiology Ecology, 2020, 96, .	2.7	28
15	Gigaspora margarita and Its Endobacterium Modulate Symbiotic Marker Genes in Tomato Roots under Combined Water and Nutrient Stress. Plants, 2020, 9, 886.	3.5	4
16	Editorial: Proceedings of iMMM 2019 â€“ International Molecular Mycorrhiza Meeting. Frontiers in Plant Science, 2020, 11, 627988.	3.6	0
17	Efficient Mimics for Elucidating Zaxinone Biology and Promoting Agricultural Applications. Molecular Plant, 2020, 13, 1654-1661.	8.3	24
18	Mucoromycota: going to the roots of plant-interacting fungi. Fungal Biology Reviews, 2020, 34, 100-113.	4.7	75

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19	An endophytic <i>Fusarium</i>â€“legume association is partially dependent on the common symbiotic signalling pathway. New Phytologist, 2020, 226, 1429-1444.	7.3	23
20	Different Genetic Sources Contribute to the Small RNA Population in the Arbuscular Mycorrhizal Fungus Gigaspora margarita. Frontiers in Microbiology, 2020, 11, 395.	3.5	23
21	Bioinformatic Methods for the Analysis of High-Throughput RNA Sequencing in Arbuscular Mycorrhizal Fungi. Methods in Molecular Biology, 2020, 2146, 137-153.	0.9	1
22	7 Genetics and Genomics Decipher Partner Biology in Arbuscular Mycorrhizas. , 2020, , 143-172.		0
23	The mycobiota: fungi take their place between plants and bacteria. Current Opinion in Microbiology, 2019, 49, 18-25.	5.1	48
24	Apocarotenoids: Old and New Mediators of the Arbuscular Mycorrhizal Symbiosis. Frontiers in Plant Science, 2019, 10, 1186.	3.6	74
25	Understanding Changes in Tomato Cell Walls in Roots and Fruits: The Contribution of Arbuscular Mycorrhizal Colonization. International Journal of Molecular Sciences, 2019, 20, 415.	4.1	11
26	The urgent need for microbiology literacy in society. Environmental Microbiology, 2019, 21, 1513-1528.	3.8	99
27	Colonization of legumes by an endophytic Fusarium solani strain FsK reveals common features to symbionts or pathogens. Fungal Genetics and Biology, 2019, 127, 60-74.	2.1	24
28	The apocarotenoid metabolite zaxinone regulates growth and strigolactone biosynthesis in rice. Nature Communications, 2019, 10, 810.	12.8	113
29	TPLATE Recruitment Reveals Endocytic Dynamics at Sites of Symbiotic Interface Assembly in Arbuscular Mycorrhizal Interactions. Frontiers in Plant Science, 2019, 10, 1628.	3.6	11
30	MLO Differentially Regulates Barley Root Colonization by Beneficial Endophytic and Mycorrhizal Fungi. Frontiers in Plant Science, 2019, 10, 1678.	3.6	25
31	Algae and fungi move from the past to the future. ELife, 2019, 8, .	6.0	10
32	Bacterialâ€“fungal interactions: ecology, mechanisms and challenges. FEMS Microbiology Reviews, 2018, 42, 335-352.	8.6	468
33	The virome of the arbuscular mycorrhizal fungus <i>Gigaspora margarita</i> reveals the first report of DNA fragments corresponding to replicating nonâ€retroviral RNA viruses in fungi. Environmental Microbiology, 2018, 20, 2012-2025.	3.8	52
34	Native soils with their microbiotas elicit a state of alert in tomato plants. New Phytologist, 2018, 220, 1296-1308.	7.3	93
35	Strigolactones cross the kingdoms: plants, fungi, and bacteria in the arbuscular mycorrhizal symbiosis. Journal of Experimental Botany, 2018, 69, 2175-2188.	4.8	115
36	Not only priming: Soil microbiota may protect tomato from root pathogens. Plant Signaling and Behavior, 2018, 13, 1-9.	2.4	8

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37	Pezizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. Nature Ecology and Evolution, 2018, 2, 1956-1965.	7.8	95
38	Effect of the strigolactone analogs methyl phenlactonoates on spore germination and root colonization of arbuscular mycorrhizal fungi. Heliyon, 2018, 4, e00936.	3.2	20
39	Growing Research Networks on Mycorrhizae for Mutual Benefits. Trends in Plant Science, 2018, 23, 975-984.	8.8	51
40	The future has roots in the past: the ideas and scientists that shaped mycorrhizal research. New Phytologist, 2018, 220, 982-995.	7.3	53
41	Biology of Fungi and Their Bacterial Endosymbionts. Annual Review of Phytopathology, 2018, 56, 289-309.	7.8	58
42	JosÃ©â€Miguel Barea 1942â€"2018: the man that always smiles. Environmental Microbiology, 2018, 20, 2319-2321.	3.8	0
43	Omics approaches revealed how arbuscular mycorrhizal symbiosis enhances yield and resistance to leaf pathogen in wheat. Scientific Reports, 2018, 8, 9625.	3.3	108
44	Metabolome changes are induced in the arbuscular mycorrhizal fungus Gigaspora margarita by germination and by its bacterial endosymbiont. Mycorrhiza, 2018, 28, 421-433.	2.8	17
45	Impact of an arbuscular mycorrhizal fungus versus a mixed microbial inoculum on the transcriptome reprogramming of grapevine roots. Mycorrhiza, 2017, 27, 417-430.	2.8	44
46	The endobacterium of an arbuscular mycorrhizal fungus modulates the expression of its toxinâ€"antitoxin systems during the life cycle of its host. ISME Journal, 2017, 11, 2394-2398.	9.8	12
47	Who lives in a fungus? The diversity, origins and functions of fungal endobacteria living in Mucoromycota. ISME Journal, 2017, 11, 1727-1735.	9.8	145
48	Gigaspora margarita with and without its endobacterium shows adaptive responses to oxidative stress. Mycorrhiza, 2017, 27, 747-759.	2.8	16
49	ITS fungal barcoding primers versus 18S AMFâ€specific primers reveal similar AMFâ€based diversity patterns in roots and soils of three mountain vineyards. Environmental Microbiology Reports, 2017, 9, 658-667.	2.4	52
50	â€˜Candidatus Moeniiplasma glomeromycotorumâ€™, an endobacterium of arbuscular mycorrhizal fungi. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1177-1184.	1.7	48
51	Chapter 39 Ecology and Evolution of Fungal-Bacterial Interactions. Mycology, 2017, , 563-584.	0.5	11
52	An interdomain network: the endobacterium of a mycorrhizal fungus promotes antioxidative responses in both fungal and plant hosts. New Phytologist, 2016, 211, 265-275.	7.3	61
53	The Mutualistic Interaction between Plants and Arbuscular Mycorrhizal Fungi. Microbiology Spectrum, 2016, 4, .	3.0	47
54	Nondegenerative Evolution in Ancient Heritable Bacterial Endosymbionts of Fungi. Molecular Biology and Evolution, 2016, 33, 2216-2231.	8.9	14

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55	Understanding plant cell-wall remodelling during the symbiotic interaction between Tuber melanosporum and Corylus avellana using a carbohydrate microarray. Planta, 2016, 244, 347-359.	3.2	24
56	Arbuscular Mycorrhizal Symbiosis Requires a Phosphate Transceptor in the Gigaspora margarita Fungal Symbiont. Molecular Plant, 2016, 9, 1583-1608.	8.3	90
57	Soil metaproteomics reveals an inter-kingdom stress response to the presence of black truffles. Scientific Reports, 2016, 6, 25773.	3.3	56
58	The phosphate transporters LjPT4 and MtPT4 mediate early root responses to phosphate status in non mycorrhizal roots. Plant, Cell and Environment, 2016, 39, 660-671.	5.7	98
59	Symbiosis with an endobacterium increases the fitness of a mycorrhizal fungus, raising its bioenergetic potential. ISME Journal, 2016, 10, 130-144.	9.8	233
60	Gr and hp-1 tomato mutants unveil unprecedented interactions between arbuscular mycorrhizal symbiosis and fruit ripening. Planta, 2016, 244, 155-165.	3.2	13
61	Investigating the Endobacteria Which Thrive in Arbuscular Mycorrhizal Fungi. Methods in Molecular Biology, 2016, 1399, 29-53.	0.9	6
62	From environmental microbiology to ecogenomics: spotting the emerging field of fungalâ€"bacterial interactions. Environmental Microbiology Reports, 2015, 7, 15-17.	2.4	3
63	Fungal association and utilization of phosphate by plants: success, limitations, and future prospects. Frontiers in Microbiology, 2015, 6, 984.	3.5	96
64	The CRE1 Cytokinin Pathway Is Differentially Recruited Depending on Medicago truncatula Root Environments and Negatively Regulates Resistance to a Pathogen. PLoS ONE, 2015, 10, e0116819.	2.5	54
65	Early Lotus japonicus root transcriptomic responses to symbiotic and pathogenic fungal exudates. Frontiers in Plant Science, 2015, 6, 480.	3.6	58
66	Host and non-host roots in rice: cellular and molecular approaches reveal differential responses to arbuscular mycorrhizal fungi. Frontiers in Plant Science, 2015, 6, 636.	3.6	89
67	Gate crashing arbuscular mycorrhizas: <i>in vivo</i> imaging shows the extensive colonization of both symbionts by <scp><i>T</i></scp><i>richoderma atroviride</i>. Environmental Microbiology Reports, 2015, 7, 64-77.	2.4	41
68	Arbuscular mycorrhizal dialogues: do you speak â€˜plantishâ€™ or â€˜fungishâ€™?. Trends in Plant Science, 2015, 20, 150-154.	8.8	117
69	Arbuscular mycorrhizal fungal diversity in the Tuber melanosporum brÃ»lÃ©. Fungal Biology, 2015, 119, 518-527.	2.5	20
70	Differential spatio-temporal expression of carotenoid cleavage dioxygenases regulates apocarotenoid fluxes during AM symbiosis. Plant Science, 2015, 230, 59-69.	3.6	49
71	Arbuscular Mycorrhizas: The Lives of Beneficial Fungi and Their Plant Hosts. , 2015, , 235-245.		15
72	Mosaic genome of endobacteria in arbuscular mycorrhizal fungi: Transkingdom gene transfer in an ancient mycoplasma-fungus association. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7785-7790.	7.1	103

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73	Effect of volatiles versus exudates released by germinating spores ofÂGigaspora margarita on lateral root formation. Plant Physiology and Biochemistry, 2015, 97, 1-10.	5.8	22
74	<i><scp>E</scp>ndogone</i>, one of the oldest plantâ€associated fungi, host unique Mollicutesâ€related endobacteria. New Phytologist, 2015, 205, 1464-1472.	7.3	69
75	From root to fruit: RNA-Seq analysis shows that arbuscular mycorrhizal symbiosis may affect tomato fruit metabolism. BMC Genomics, 2014, 15, 221.	2.8	149
76	Identification and functional characterization of a sulfate transporter induced by both sulfur starvation and mycorrhiza formation in <i><scp>L</scp>otus japonicus</i>. New Phytologist, 2014, 204, 609-619.	7.3	108
77	Cell wall remodeling in mycorrhizal symbiosis: a way towards biotrophism. Frontiers in Plant Science, 2014, 5, 237.	3.6	132
78	Rice flooding negatively impacts root branching and arbuscular mycorrhizal colonization, but not fungal viability. Plant, Cell and Environment, 2014, 37, 557-572.	5.7	84
79	Detection of a novel intracellular microbiome hosted in arbuscular mycorrhizal fungi. ISME Journal, 2014, 8, 257-270.	9.8	128
80	Gene expression and metabolite changes during Tuber magnatum fruiting body storage. Current Genetics, 2014, 60, 285-294.	1.7	7
81	Defense Related Phytohormones Regulation in Arbuscular Mycorrhizal Symbioses Depends on the Partner Genotypes. Journal of Chemical Ecology, 2014, 40, 791-803.	1.8	78
82	The intracellular delivery of <scp>TAT</scp>â€aequorin reveals calciumâ€mediated sensing of environmental and symbiotic signals by the arbuscular mycorrhizal fungus <i><scp>G</scp>igaspora margarita</i>. New Phytologist, 2014, 203, 1012-1020.	7.3	24
83	<i>Mollicutes</i>â€related endobacteria thrive inside liverwortâ€associated arbuscular mycorrhizal fungi. Environmental Microbiology, 2013, 15, 822-836.	3.8	25
84	Genome of an arbuscular mycorrhizal fungus provides insight into the oldest plant symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20117-20122.	7.1	717
85	Automated analysis of calcium spiking profiles with CaSA software: two case studies from root-microbe symbioses. BMC Plant Biology, 2013, 13, 224.	3.6	16
86	CAROTENOID CLEAVAGE DIOXYGENASE 7 modulates plant growth, reproduction, senescence, and determinate nodulation in the model legume Lotus japonicus. Journal of Experimental Botany, 2013, 64, 1967-1981.	4.8	114
87	An <scp>AM</scp>â€induced, <i><scp>MYB</scp></i>â€family gene of <i>Lotus japonicus</i> (<i>Lj<scp>MAMI</scp></i>) affects root growth in an <scp>AM</scp>â€independent manner. Plant Journal, 2013, 73, 442-455.	5.7	46
88	The expression of GintPT, the phosphate transporter of Rhizophagus irregularis, depends on the symbiotic status and phosphate availability. Planta, 2013, 237, 1267-1277.	3.2	88
89	Arbuscular mycorrhizal fungi reduce growth and infect roots of the nonâ€host plant <i><scp>A</scp>rabidopsis thaliana</i>. Plant, Cell and Environment, 2013, 36, 1926-1937.	5.7	97
90	Shortâ€chain chitin oligomers from arbuscular mycorrhizal fungi trigger nuclear <scp>C</scp>a²⁺ spiking in <i><scp>M</scp>edicago truncatula</i> roots and their production is enhanced by strigolactone. New Phytologist, 2013, 198, 190-202.	7.3	453

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91	Systems biology and â€œomicsâ€•tools: A cooperation for next-generation mycorrhizal studies. Plant Science, 2013, 203-204, 107-114.	3.6	61
92	454 Pyrosequencing Analysis of Fungal Assemblages from Geographically Distant, Disparate Soils Reveals Spatial Patterning and a Core Mycobiome. Diversity, 2013, 5, 73-98.	1.7	82
93	TheLotus japonicus MAMIgene links root development, arbuscular mycorrhizal symbiosis and phosphate availability. Plant Signaling and Behavior, 2013, 8, e23414.	2.4	11
94	Truffle BrÃ»lÃ©s Have an Impact on the Diversity of Soil Bacterial Communities. PLoS ONE, 2013, 8, e61945.	2.5	55
95	The genome of the obligate endobacterium of an AM fungus reveals an interphylum network of nutritional interactions. ISME Journal, 2012, 6, 136-145.	9.8	176
96	The Arbuscular Mycorrhizal Symbiosis: Origin and Evolution of a Beneficial Plant Infection. PLoS Pathogens, 2012, 8, e1002600.	4.7	79
97	Multiple Exocytotic Markers Accumulate at the Sites of Perifungal Membrane Biogenesis in Arbuscular Mycorrhizas. Plant and Cell Physiology, 2012, 53, 244-255.	3.1	107
98	Plant Genes Related to Gibberellin Biosynthesis and Signaling Are Differentially Regulated during the Early Stages of AM Fungal Interactions. Molecular Plant, 2012, 5, 951-954.	8.3	40
99	Discrimination of <i>Gigaspora</i> species by PCR specific primers and phylogenetic analysis. Mycotaxon, 2012, 118, 17-26.	0.3	1
100	Authentication of prized white and black truffles in processed products using quantitative real-time PCR. Food Research International, 2012, 48, 792-797.	6.2	19
101	The mitochondrial genome of the arbuscular mycorrhizal fungus <i>Gigaspora margarita</i> reveals two unsuspected <i>trans</i>â€splicing events of group I introns. New Phytologist, 2012, 194, 836-845.	7.3	55
102	The detection of mating type genes of Tuber melanosporum in productive and non productive soils. Applied Soil Ecology, 2012, 57, 9-15.	4.3	33
103	Two putative-aquaporin genes are differentially expressed during arbuscular mycorrhizal symbiosis in Lotus japonicus. BMC Plant Biology, 2012, 12, 186.	3.6	60
104	The arbuscular mycorrhizal status has an impact on the transcriptome profile and amino acid composition of tomato fruit. BMC Plant Biology, 2012, 12, 44.	3.6	98
105	The computational-based structure of Dwarf14 provides evidence for its role as potential strigolactone receptor in plants. BMC Research Notes, 2012, 5, 307.	1.4	30
106	Ascorbate oxidase: The unexpected involvement of a â€˜wasteful enzymeâ€™ in the symbioses with nitrogen-fixing bacteria and arbuscular mycorrhizal fungi. Plant Physiology and Biochemistry, 2012, 59, 71-79.	5.8	26
107	Effects of different management practices on arbuscular mycorrhizal fungal diversity in maize fields by a molecular approach. Biology and Fertility of Soils, 2012, 48, 911-922.	4.3	95
108	Unravelling Soil Fungal Communities from Different Mediterranean Land-Use Backgrounds. PLoS ONE, 2012, 7, e34847.	2.5	194

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109	<i>Rhizobium</i> â€“legume symbiosis shares an exocytotic pathway required for arbuscule formation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8316-8321.	7.1	213
110	Genome-wide analysis of cell wall-related genes in Tuber melanosporum. Current Genetics, 2012, 58, 165-177.	1.7	30
111	The exudate from an arbuscular mycorrhizal fungus induces nitric oxide accumulation in Medicago truncatula roots. Mycorrhiza, 2012, 22, 259-269.	2.8	62
112	The transcriptome of the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> (DAOM 197198) reveals functional tradeoffs in an obligate symbiont. New Phytologist, 2012, 193, 755-769.	7.3	305
113	ITS-1 versus ITS-2 pyrosequencing: a comparison of fungal populations in truffle grounds. Mycologia, 2011, 103, 1184-1193.	1.9	135
114	The Perigord black truffle responds to cold temperature with an extensive reprogramming of its transcriptional activity. Fungal Genetics and Biology, 2011, 48, 585-591.	2.1	45
115	Hyphal and cytoskeleton polarization in Tuber melanosporum: A genomic and cellular analysis. Fungal Genetics and Biology, 2011, 48, 561-572.	2.1	16
116	Arbuscular mycorrhizal hyphopodia and germinated spore exudates trigger Ca²⁺ spiking in the legume and nonlegume root epidermis. New Phytologist, 2011, 189, 347-355.	7.3	165
117	Genomic suppression subtractive hybridization as a tool to identify differences in mycorrhizal fungal genomes. FEMS Microbiology Letters, 2011, 318, 115-122.	1.8	6
118	Dating in the dark: how roots respond to fungal signals to establish arbuscular mycorrhizal symbiosis. Current Opinion in Plant Biology, 2011, 14, 451-457.	7.1	135
119	AM fungal exudates activate MAP kinases in plant cells in dependence from cytosolic Ca2+ increase. Plant Physiology and Biochemistry, 2011, 49, 963-969.	5.8	11
120	Root starch accumulation in response to arbuscular mycorrhizal colonization differs among Lotus japonicus starch mutants. Planta, 2011, 234, 639-646.	3.2	14
121	Unique arbuscular mycorrhizal fungal communities uncovered in date palm plantations and surrounding desert habitats of Southern Arabia. Mycorrhiza, 2011, 21, 195-209.	2.8	55
122	LjLHT1.2â€"a mycorrhiza-inducible plant amino acid transporter from Lotus japonicus. Biology and Fertility of Soils, 2011, 47, 925-936.	4.3	39
123	A rice calcium-dependent protein kinase is expressed in cortical root cells during the presymbiotic phase of the arbuscular mycorrhizal symbiosis. BMC Plant Biology, 2011, 11, 90.	3.6	35
124	New Potent Fluorescent Analogues of Strigolactones: Synthesis and Biological Activity in Parasitic Weed Germination and Fungal Branching. European Journal of Organic Chemistry, 2011, 2011, 3781-3793.	2.4	69
125	A Modular Database Architecture Enabled to Comparative Sequence Analysis. Lecture Notes in Computer Science, 2011, , 124-147.	1.3	0
126	Disclosing arbuscular mycorrhizal fungal biodiversity in soil through a landâ€use gradient using a pyrosequencing approach. Environmental Microbiology, 2010, 12, 2165-2179.	3.8	313

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127	Mechanisms underlying beneficial plantâ€"fungus interactions in mycorrhizal symbiosis. Nature Communications, 2010, 1, 48.	12.8	990
128	<i>Tuber melanosporum,</i> when dominant, affects fungal dynamics in truffle grounds. New Phytologist, 2010, 185, 237-247.	7.3	77
129	A glimpse into the past of land plants and of their mycorrhizal affairs: from fossils to evoâ€devo. New Phytologist, 2010, 186, 267-270.	7.3	37
130	Soil analysis reveals the presence of an extended mycelial network in a Tuber magnatumÃ¢Â€Âƒtruffle-ground. FEMS Microbiology Ecology, 2010, 71, 43-49.	2.7	52
131	The obligate endobacteria of arbuscular mycorrhizal fungi are ancient heritable components related to the <i>Mollicutes</i>. ISME Journal, 2010, 4, 862-871.	9.8	136
132	PÃ©rigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. Nature, 2010, 464, 1033-1038.	27.8	641
133	Endobacteria affect the metabolic profile of their host <i>Gigaspora margarita</i>, an arbuscular mycorrhizal fungus. Environmental Microbiology, 2010, 12, 2083-2095.	3.8	37
134	Common and not so common symbiotic entry. Trends in Plant Science, 2010, 15, 540-545.	8.8	51
135	Symbiosis. Environmental Microbiology Reports, 2010, 2, 475-478.	2.4	2
136	Bacterial and fungal communities associated with<i>Tuber magnatum</i>â€productive niches. Plant Biosystems, 2010, 144, 323-332.	1.6	45
137	The Making of Symbiotic Cells in Arbuscular Mycorrhizal Roots. , 2010, , 57-71.		24
138	The <i>ftsZ</i> Gene of the Endocellular Bacterium â€˜<i>Candidatus</i> Glomeribacter gigasporarumâ€™ Is Preferentially Expressed During the Symbiotic Phases of Its Host Mycorrhizal Fungus. Molecular Plant-Microbe Interactions, 2009, 22, 302-310.	2.6	31
139	A Mycorrhizal-Specific Ammonium Transporter from <i>Lotus japonicus</i> Acquires Nitrogen Released by Arbuscular Mycorrhizal Fungi. Plant Physiology, 2009, 150, 73-83.	4.8	303
140	Application of Laser Microdissection to plant pathogenic and symbiotic interactions. Journal of Plant Interactions, 2009, 4, 81-92.	2.1	32
141	Biotic and Abiotic Stimulation of Root Epidermal Cells Reveals Common and Specific Responses to Arbuscular Mycorrhizal Fungi Â. Plant Physiology, 2009, 149, 1424-1434.	4.8	78
142	Ectomycorrhizal Inocybe species associate with the mycoheterotrophic orchid Epipogium aphyllum but not its asexual propagules. Annals of Botany, 2009, 104, 595-610.	2.9	66
143	Cell-specific gene expression of phosphate transporters in mycorrhizal tomato roots. Biology and Fertility of Soils, 2009, 45, 845-853.	4.3	38
144	Rice root colonisation by mycorrhizal and endophytic fungi in aerobic soil. Annals of Applied Biology, 2009, 154, 195-204.	2.5	76

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145	PCR primers specific for the genus<i>Tuber</i>reveal the presence of several truffle species in a truffle-ground. FEMS Microbiology Letters, 2009, 297, 67-72.	1.8	23
146	Genomeâ€wide reprogramming of regulatory networks, transport, cell wall and membrane biogenesis during arbuscular mycorrhizal symbiosis in <i>Lotus japonicus</i>. New Phytologist, 2009, 182, 200-212.	7.3	318
147	Presymbiotic factors released by the arbuscular mycorrhizal fungus <i>Gigaspora margarita</i> induce starch accumulation in <i>Lotus japonicus</i> roots. New Phytologist, 2009, 183, 53-61.	7.3	72
148	Independent recruitment of saprotrophic fungi as mycorrhizal partners by tropical achlorophyllous orchids. New Phytologist, 2009, 184, 668-681.	7.3	167
149	Plants, Mycorrhizal Fungi, and Bacteria: A Network of Interactions. Annual Review of Microbiology, 2009, 63, 363-383.	7.3	699
150	A new class of conjugated strigolactone analogues with fluorescent properties: synthesis and biological activity. Organic and Biomolecular Chemistry, 2009, 7, 3413.	2.8	77
151	Establishment and Functioning of Arbuscular Mycorrhizas. , 2009, , 259-274.		6
152	Dissecting the Rhizosphere complexity: The truffle-ground study case. Rendiconti Lincei, 2008, 19, 241-259.	2.2	12
153	Is the Perigord black truffle threatened by an invasive species? We dreaded it and it has happened!. New Phytologist, 2008, 178, 699-702.	7.3	63
154	Simultaneous detection and quantification of the unculturable microbe <i>Candidatus</i> Glomeribacter gigasporarum inside its fungal host <i>Gigaspora margarita</i>. New Phytologist, 2008, 180, 248-257.	7.3	31
155	Molecular phylogeny and historical biogeography of the genus <i>Tuber,</i> the â€˜true trufflesâ€™. Journal of Biogeography, 2008, 35, 815-829.	3.0	117
156	Laser Microdissection (LM): Applications to plant materials. Plant Biosystems, 2008, 142, 331-336.	1.6	26
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