Manuela Giovannetti

List of Publications by Year
in descending order

53 papers	2,544 citations	172457 29 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	2754 citing authors

#	Article	IF	Citations
1	Novel Yeasts Producing High Levels of Conjugated Linoleic Acid and Organic Acids in Fermented Doughs. Foods, 2021, 10, 2087.	4.3	11
2	Mycorrhizal Symbionts and Associated Bacteria: Potent Allies to Improve Plant Phosphorus Availability and Food Security. Frontiers in Microbiology, 2021, 12, 797381.	3.5	2
3	Use of chitosan and tannins as alternatives to antibiotics to control mold growth on PDO Pecorino Toscano cheese rind. Food Microbiology, 2020, 92, 103598.	4.2	8
4	The arbuscular mycorrhizal fungus Funneliformis mosseae induces changes and increases the concentration of volatile organic compounds in Vitis vinifera cv. Sangiovese leaf tissue. Plant Physiology and Biochemistry, 2020, 155, 437-443.	5.8	21
5	Characterization and selection of functional yeast strains during sourdough fermentation of different cereal wholegrain flours. Scientific Reports, 2020, 10, 12856.	3.3	36
6	Health-Promoting Properties of Plant Products: The Role of Mycorrhizal Fungi and Associated Bacteria. Agronomy, 2020, 10, 1864.	3.0	27
7	Appressoria and phosphorus fluxes in mycorrhizal plants: connections between soil- and plant-based hyphae. Mycorrhiza, 2020, 30, 589-600.	2.8	14
8	Mycorrhizal networks facilitate the colonization of legume roots by a symbiotic nitrogen-fixing bacterium. Mycorrhiza, 2020, 30, 389-396.	2.8	41
9	Large Genetic Intraspecific Diversity of Autochthonous Lactic Acid Bacteria and Yeasts Isolated from PDO Tuscan Bread Sourdough. Applied Sciences (Switzerland), 2020, 10, 1043.	2.5	10
10	Responses of Vitis vinifera cv. Cabernet Sauvignon roots to the arbuscular mycorrhizal fungus Funneliformis mosseae and the plant growth-promoting rhizobacterium Ensifer meliloti include changes in volatile organic compounds. Mycorrhiza, 2020, 30, 161-170.	2.8	28
11	Gene expression in Rhizoglomus irregulare at two different time points of mycorrhiza establishment in Helianthus annuus roots, as revealed by RNA-seq analysis. Mycorrhiza, 2020, 30, 373-387.	2.8	11
12	A Whole-Plant Culture Method to Study Structural and Functional Traits of Extraradical Mycelium. Methods in Molecular Biology, 2020, 2146, 33-41.	0.9	3
13	Arbuscular Mycorrhizal Fungi and Associated Microbiota as Plant Biostimulants: Research Strategies for the Selection of the Best Performing Inocula. Agronomy, 2020, 10, 106.	3.0	141
14	Exploitation of autochthonous Tuscan sourdough yeasts as potential starters. International Journal of Food Microbiology, 2019, 302, 59-68.	4.7	31
15	Two herbicides, two fungicides and spore-associated bacteria affect Funneliformis mosseae extraradical mycelium structural traits and viability. Mycorrhiza, 2019, 29, 341-349.	2.8	18
16	Atmospheric nitrogen fixation by gliricidia trees (Gliricidia sepium (Jacq.) Kunth ex Walp.) intercropped with cocoa (Theobroma cacao L.). Plant and Soil, 2019, 435, 323-336.	3.7	23
17	Unveiling hÃ¡karl: A study of the microbiota of the traditional Icelandic fermented fish. Food Microbiology, 2019, 82, 560-572.	4.2	41
18	Arbuscular mycorrhizal fungi induce the expression of specific retrotransposons in roots of sunflower (Helianthus annuus L.). PLoS ONE, 2019, 14, e0212371.	2.5	17

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19	Beneficial Plant Microorganisms Affect the Endophytic Bacterial Communities of Durum Wheat Roots as Detected by Different Molecular Approaches. Frontiers in Microbiology, 2019, 10, 2500.	3.5	20
20	Transcriptome changes induced by arbuscular mycorrhizal fungi in sunflower (Helianthus annuus L.) roots. Scientific Reports, 2018, 8, 4.	3.3	170
21	Divergence of Funneliformis mosseae populations over 20Âyears of laboratory cultivation, as revealed by vegetative incompatibility and molecular analysis. Mycorrhiza, 2018, 28, 329-341.	2.8	8
22	Olive Pomace in Diet Limits Lipid Peroxidation of Sausages from Cinta Senese Swine. European Journal of Lipid Science and Technology, 2018, 120, 1700236.	1.5	11
23	Local diversity of native arbuscular mycorrhizal symbionts differentially affects growth and nutrition of three crop plant species. Biology and Fertility of Soils, 2018, 54, 203-217.	4.3	39
24	Functional Complementarity of Arbuscular Mycorrhizal Fungi and Associated Microbiota: The Challenge of Translational Research. Frontiers in Plant Science, 2018, 9, 1407.	3.6	67
25	Rhizoglomus venetianum, a new arbuscular mycorrhizal fungal species from a heavy metal-contaminated site, downtown Venice in Italy. Mycological Progress, 2018, 17, 1213-1224.	1.4	15
26	Quorum sensing in rhizobia isolated from the spores of the mycorrhizal symbiont Rhizophagus intraradices. Mycorrhiza, 2018, 28, 773-778.	2.8	11
27	Lifespan and functionality of mycorrhizal fungal mycelium are uncoupled from host plant lifespan. Scientific Reports, 2018, 8, 10235.	3.3	40
28	Designing the Ideotype Mycorrhizal Symbionts for the Production of Healthy Food. Frontiers in Plant Science, 2018, 9, 1089.	3.6	90
29	Bacteria Associated With a Commercial Mycorrhizal Inoculum: Community Composition and Multifunctional Activity as Assessed by Illumina Sequencing and Culture-Dependent Tools. Frontiers in Plant Science, 2018, 9, 1956.	3.6	50
30	The Crosstalk Between Plants and Their Arbuscular Mycorrhizal Symbionts: A Mycocentric View. , 2017, , 285-308.		5
31	An in vivo whole-plant experimental system for the analysis of gene expression in extraradical mycorrhizal mycelium. Mycorrhiza, 2017, 27, 659-668.	2.8	25
32	Identification and characterization of lactic acid bacteria and yeasts of PDO Tuscan bread sourdough by culture dependent and independent methods. International Journal of Food Microbiology, 2017, 250, 19-26.	4.7	54
33	Facilitation of phosphorus uptake in maize plants by mycorrhizosphere bacteria. Scientific Reports, 2017, 7, 4686.	3.3	160
34	Rhizophagus intraradices or its associated bacteria affect gene expression of key enzymes involved in the rosmarinic acid biosynthetic pathway of basil. Mycorrhiza, 2016, 26, 699-707.	2.8	39
35	Different levels of hyphal self-incompatibility modulate interconnectedness of mycorrhizal networks in three arbuscular mycorrhizal fungi within the Glomeraceae. Mycorrhiza, 2016, 26, 325-332.	2.8	30
36	Multifunctionality and diversity of culturable bacterial communities strictly associated with spores of the plant beneficial symbiont Rhizophagus intraradices. Microbiological Research, 2016, 183, 68-79.	5.3	90

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37	Diverse bacterial communities are recruited on spores of different arbuscular mycorrhizal fungal isolates. Biology and Fertility of Soils, 2015, 51, 379-389.	4.3	111
38	Belowground environmental effects of transgenic crops: a soil microbial perspective. Research in Microbiology, 2015, 166, 121-131.	2.1	77
39	Mycorrhizal activity and diversity in a long-term organic Mediterranean agroecosystem. Biology and Fertility of Soils, 2013, 49, 781-790.	4.3	59
40	Janusz BÅ‚aszkowski (ed); Glomeromycota. Mycorrhiza, 2013, 23, 251-252.	2.8	1
41	Establishment, persistence and effectiveness of arbuscular mycorrhizal fungal inoculants in the field revealed using molecular genetic tracing and measurement of yield components. New Phytologist, 2012, 194, 810-822.	7.3	109
42	Arbuscular mycorrhizal fungi shift competitive relationships among crop and weed species. Plant and Soil, 2012, 353, 395-408.	3.7	31
43	Fungal biomass production in response to elevated atmospheric CO2 in a Glomus mosseaeâ€"Prunus cerasifera model system. Mycological Progress, 2012, 11, 17-26.	1.4	9
44	Globe artichoke as a functional food. Mediterranean Journal of Nutrition and Metabolism, 2010, 3, 197-201.	0.5	48
45	Globe artichoke as a functional food. Mediterranean Journal of Nutrition and Metabolism, 2010, 3, 197-201.	0.5	51
46	Mycorrhizal fungi suppress aggressive agricultural weeds. Plant and Soil, 2010, 333, 7-20.	3.7	104
47	Mycorrhizal colonization impacts on phenolic content and antioxidant properties of artichoke leaves and flower heads two years after field transplant. Plant and Soil, 2010, 335, 311-323.	3.7	156
48	Nonself vegetative fusion and genetic exchange in the arbuscular mycorrhizal fungus <i>Glomus intraradices</i>. New Phytologist, 2009, 181, 924-937.	7.3	165
49	Genetic and phenotypic diversity of geographically different isolates ofGlomus mosseae. Canadian Journal of Microbiology, 2009, 55, 242-253.	1.7	31
50	Self-anastomosing ability and vegetative incompatibility of Tuber borchii isolates. Mycorrhiza, 2007, 17, 667-675.	2.8	27
51	Title is missing!. Plant and Soil, 2000, 226, 153-159.	3.7	24
52	Cellular Events Involved in Survival of Individual Arbuscular Mycorrhizal Symbionts Growing in the Absence of the Host. Applied and Environmental Microbiology, 1998, 64, 3473-3479.	3.1	94
53	Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi. Mycological Research, 1993, 97, 1140-1142.	2.5	40