

# Davide Bulgarelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3363128/publications.pdf>

Version: 2024-02-01

24  
papers

7,170  
citations

471061

17  
h-index

642321

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

7217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Functions of the Bacterial Microbiota of Plants. Annual Review of Plant Biology, 2013, 64, 807-838.	8.6	2,589
2	Revealing structure and assembly cues for Arabidopsis root-inhabiting bacterial microbiota. Nature, 2012, 488, 91-95.	13.7	2,127
3	Structure and Function of the Bacterial Root Microbiota in Wild and Domesticated Barley. Cell Host and Microbe, 2015, 17, 392-403.	5.1	1,102
4	The Plant Microbiome at Work. Molecular Plant-Microbe Interactions, 2015, 28, 212-217.	1.4	493
5	Marker assisted selection in crop plants. Plant Cell, Tissue and Organ Culture, 2005, 82, 317-342.	1.2	176
6	Plant-Microbiota Interactions as a Driver of the Mineral Turnover in the Rhizosphere. Advances in Applied Microbiology, 2016, 95, 1-67.	1.3	105
7	Root Hair Mutations Displace the Barley Rhizosphere Microbiota. Frontiers in Plant Science, 2017, 8, 1094.	1.7	85
8	Tracing the evolutionary routes of plant-microbiota interactions. Current Opinion in Microbiology, 2019, 49, 34-40.	2.3	60
9	The CC-NB-LRR-Type Rdg2a Resistance Gene Confers Immunity to the Seed-Borne Barley Leaf Stripe Pathogen in the Absence of Hypersensitive Cell Death. PLoS ONE, 2010, 5, e12599.	1.1	56
10	A footprint of plant eco-geographic adaptation on the composition of the barley rhizosphere bacterial microbiota. Scientific Reports, 2020, 10, 12916.	1.6	48
11	Unraveling the Composition of the Root-Associated Bacterial Microbiota of Phragmites australis and Typha latifolia. Frontiers in Microbiology, 2018, 9, 1650.	1.5	46
12	Identifying plant genes shaping microbiota composition in the barley rhizosphere. Nature Communications, 2022, 13, .	5.8	44
13	High-resolution genetic mapping of the leaf stripe resistance gene Rdg2a in barley. Theoretical and Applied Genetics, 2004, 108, 1401-1408.	1.8	34
14	Crop Establishment Practices Are a Driver of the Plant Microbiota in Winter Oilseed Rape (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	34
15	Beneficial Soil Microbiome for Sustainable Agriculture Production. Sustainable Agriculture Reviews, 2018, , 443-481.	0.6	27
16	Nitrogen Fertilizers Shape the Composition and Predicted Functions of the Microbiota of Field-Grown Tomato Plants. Phytobiomes Journal, 2019, 3, 315-325.	1.4	26
17	The fungal root endophyte <i>Serendipita vermifera</i> displays inter-kingdom synergistic beneficial effects with the microbiota in <i>Arabidopsis thaliana</i> and barley. ISME Journal, 2022, 16, 876-889.	4.4	22
18	Histological and molecular analysis of <i>Rdg2a</i> barley resistance to leaf stripe. Molecular Plant Pathology, 2008, 9, 463-478.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Applications of the indole-alkaloid gramine modulate the assembly of individual members of the barley rhizosphere microbiota. PeerJ, 2021, 9, e12498.	0.9	12
20	Haplotype characterization and markers at the barley Mlo powdery mildew resistance locus as tools for marker-assisted selection. Genome, 2006, 49, 864-872.	0.9	10
21	The bacterial community associated with adult vine weevil ( <i>Otiorhynchus sulcatus</i> ) in UK populations growing on strawberry is dominated by <i>Candidatus</i> Nardonella. Entomologia Experimentalis Et Applicata, 2019, 167, 186-196.	0.7	8
22	Bacterial Communities in the Embryo of Maize Landraces: Relation with Susceptibility to Fusarium Ear Rot. Microorganisms, 2021, 9, 2388.	1.6	7
23	The CC-NB-LRR-type Rdg2a Resistance Gene Evolved Through Recombination and Confers Immunity to the Seed-Borne Barley Leaf Stripe Pathogen in the Absence of Hypersensitive Cell Death. , 2013, , 217-228.		4
24	Genome-Annotated Bacterial Collection of the Barley Rhizosphere Microbiota. Microbiology Resource Announcements, 2022, 11, e0106421.	0.3	3