

# Diederik van Tuinen

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

2,616  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of arbuscular mycorrhiza on maize P1B-ATPases gene expression and ionome in copper-contaminated soils. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113390.	6.0	7
2	Development of a taxon-discriminating molecular marker to trace and quantify a mycorrhizal inoculum in roots and soils of agroecosystems. <i>Folia Microbiologica</i> , 2021, 66, 371-384.	2.3	0
3	A historical perspective on mycorrhizal mutualism emphasizing arbuscular mycorrhizas and their emerging challenges. <i>Mycorrhiza</i> , 2021, 31, 637-653.	2.8	10
4	Arbuscular mycorrhizal fungi, a key symbiosis in the development of quality traits in crop production, alone or combined with plant growth-promoting bacteria. <i>Mycorrhiza</i> , 2021, 31, 655-669.	2.8	26
5	Carbon partitioning in a walnut-maize agroforestry system through arbuscular mycorrhizal fungi. <i>Rhizosphere</i> , 2020, 15, 100230.	3.0	14
6	Trading on the arbuscular mycorrhiza market: from arbuscules to common mycorrhizal networks. <i>New Phytologist</i> , 2019, 223, 1127-1142.	7.3	237
7	Tracing <i>Rhizophagus irregularis</i> isolate IR27 in <i>Ziziphus mauritiana</i> roots under field conditions. <i>Mycorrhiza</i> , 2019, 29, 77-83.	2.8	10
8	Management of the biological diversity of AM fungi by combination of host plant succession and integrity of extraradical mycelium. <i>Soil Biology and Biochemistry</i> , 2017, 112, 237-247.	8.8	47
9	Responses of above- and below-ground fungal symbionts to cessation of mowing in subalpine grassland. <i>Fungal Ecology</i> , 2017, 25, 14-21.	1.6	12
10	The <i>Medicago truncatula</i> Sucrose Transporter Family: Characterization and Implication of Key Members in Carbon Partitioning towards Arbuscular Mycorrhizal Fungi. <i>Molecular Plant</i> , 2012, 5, 1346-1358.	8.3	97
11	Impact of tillage system on arbuscular mycorrhiza fungal communities in the soil under Mediterranean conditions. <i>Soil and Tillage Research</i> , 2012, 121, 63-67.	5.6	122
12	Arbuscular mycorrhizal fungi associated with <i>Artemisia umbelliformis</i> Lam, an endangered aromatic species in Southern French Alps, influence plant P and essential oil contents. <i>Mycorrhiza</i> , 2011, 21, 523-535.	2.8	36
13	Agroecology: the key role of arbuscular mycorrhizas in ecosystem services. <i>Mycorrhiza</i> , 2010, 20, 519-530.	2.8	745
14	Plant-driven selection of microbes. <i>Plant and Soil</i> , 2009, 321, 235-257.	3.7	872
15	Preferential Colonization of <i>Solanum tuberosum</i> L. Roots by the Fungus <i>Glomus intraradices</i> in Arable Soil of a Potato Farming Area. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5776-5783.	3.1	63
16	Diversity of arbuscular mycorrhizal fungi colonising roots of the grass species <i>Agrostis capillaris</i> and <i>Lolium perenne</i> in a field experiment. <i>Mycorrhiza</i> , 2004, 14, 111-117.	2.8	318