Caroline De Tender

List of Publications by Year
in descending order

24 papers	1,379 citations	566801 15 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	1695 citing authors

#	Article	IF	Citations
1	Bacterial Community Profiling of Plastic Litter in the Belgian Part of the North Sea. Environmental Science & Technology, 2015, 49, 9629-9638.	4.6	320
2	Temporal Dynamics of Bacterial and Fungal Colonization on Plastic Debris in the North Sea. Environmental Science & Technology, 2017, 51, 7350-7360.	4.6	239
3	Biological, physicochemical and plant health responses in lettuce and strawberry in soil or peat amended with biochar. Applied Soil Ecology, 2016, 107, 1-12.	2.1	122
4	Exploring the methanogen and bacterial communities of rumen environments: solid adherent, fluid and epimural. FEMS Microbiology Ecology, 2017, 93, fiw251.	1.3	83
5	Chitin Mixed in Potting Soil Alters Lettuce Growth, the Survival of Zoonotic Bacteria on the Leaves and Associated Rhizosphere Microbiology. Frontiers in Microbiology, 2016, 7, 565.	1.5	76
6	A review of microscopy and comparative molecular-based methods to characterize â€œPlastisphereâ€• communities. Analytical Methods, 2017, 9, 2132-2143.	1.3	76
7	Tapping into the maize root microbiome to identify bacteria that promote growth under chilling conditions. Microbiome, 2020, 8, 54.	4.9	63
8	Dynamics in the Strawberry Rhizosphere Microbiome in Response to Biochar and Botrytis cinerea Leaf Infection. Frontiers in Microbiology, 2016, 7, 2062.	1.5	59
9	Daring to be differential: metabarcoding analysis of soil and plant-related microbial communities using amplicon sequence variants and operational taxonomical units. BMC Genomics, 2020, 21, 733.	1.2	58
10	Peat substrate amended with chitin modulates the N-cycle, siderophore and chitinase responses in the lettuce rhizobiome. Scientific Reports, 2019, 9, 9890.	1.6	50
11	Grow - Store - Steam - Re-peat: Reuse of spent growing media for circular cultivation of Chrysanthemum. Journal of Cleaner Production, 2020, 276, 124128.	4.6	29
12	Trichoderma-Inoculated Miscanthus Straw Can Replace Peat in Strawberry Cultivation, with Beneficial Effects on Disease Control. Frontiers in Plant Science, 2018, 9, 213.	1.7	28
13	Traditional and new soil amendments reduce survival and reproduction of potato cyst nematodes, except for biochar. Applied Soil Ecology, 2016, 107, 191-204.	2.1	26
14	Shifts in the rhizobiome during consecutive inÂplanta enrichment for phosphateâ€solubilizing bacteria differentially affect maize P status. Microbial Biotechnology, 2021, 14, 1594-1612.	2.0	21
15	Chitin in Strawberry Cultivation: Foliar Growth and Defense Response Promotion, but Reduced Fruit Yield and Disease Resistance by Nutrient Imbalances. Molecular Plant-Microbe Interactions, 2021, 34, 227-239.	1.4	19
16	Biochar for Circular Horticulture: Feedstock Related Effects in Soilless Cultivation. Agronomy, 2021, 11, 629.	1.3	18
17	Has compost with biochar applied during the process added value over biochar or compost for increasing soil quality in an arable cropping system?. Applied Soil Ecology, 2020, 156, 103706.	2.1	16
18	Understanding the Shift in the Microbiome of Composts That Are Optimized for a Better Fit-for-Purpose in Growing Media. Frontiers in Microbiology, 2021, 12, 643679.	1.5	16

#	Article	IF	Citations
19	Chemically versus thermally processed brown shrimp shells or Chinese mitten crab as a source of chitin, nutrients or salts and as microbial stimulant in soilless strawberry cultivation. Science of the Total Environment, 2021, 771, 145263.	3.9	12
20	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis. Cellular and Molecular Life Sciences, 2022, 79, 19.	2.4	12
21	Biochar-Enhanced Resistance to Botrytis cinerea in Strawberry Fruits (But Not Leaves) Is Associated With Changes in the Rhizosphere Microbiome. Frontiers in Plant Science, 2021, 12, 700479.	1.7	11
22	Sebacinoids within rhizospheric fungal communities associated with subsistence farming in the Congo Basin: a needle in each haystack. FEMS Microbiology Ecology, 2019, 95, .	1.3	10
23	Unipept CLI 2.0: adding support for visualizations and functional annotations. Bioinformatics, 2020, 36, 4220-4221.	1.8	9
24	Bacterial Enrichment Cultures Biotransform the Mycotoxin Deoxynivalenol into a Novel Metabolite Toxic to Plant and Porcine Cells. Toxins, 2021, 13, 552.	1.5	4