

# Caroline De Tender

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9481295/publications.pdf>

Version: 2024-02-01

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	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 19.	2.4	12
2	Chitin in Strawberry Cultivation: Foliar Growth and Defense Response Promotion, but Reduced Fruit Yield and Disease Resistance by Nutrient Imbalances. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 227-239.	1.4	19
3	Biochar for Circular Horticulture: Feedstock Related Effects in Soilless Cultivation. <i>Agronomy</i> , 2021, 11, 629.	1.3	18
4	Understanding the Shift in the Microbiome of Composts That Are Optimized for a Better Fit-for-Purpose in Growing Media. <i>Frontiers in Microbiology</i> , 2021, 12, 643679.	1.5	16
5	Shifts in the rhizobiome during consecutive <i>in</i> <i>planta</i> enrichment for phosphate-solubilizing bacteria differentially affect maize P status. <i>Microbial Biotechnology</i> , 2021, 14, 1594-1612.	2.0	21
6	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. <i>Science of the Total Environment</i> , 2021, 771, 145263.	3.9	12
7	Biochar-Enhanced Resistance to <i>Botrytis cinerea</i> in Strawberry Fruits (But Not Leaves) Is Associated With Changes in the Rhizosphere Microbiome. <i>Frontiers in Plant Science</i> , 2021, 12, 700479.	1.7	11
8	Bacterial Enrichment Cultures Biotransform the Mycotoxin Deoxynivalenol into a Novel Metabolite Toxic to Plant and Porcine Cells. <i>Toxins</i> , 2021, 13, 552.	1.5	4
9	Grow - Store - Steam - Re-peat: Reuse of spent growing media for circular cultivation of Chrysanthemum. <i>Journal of Cleaner Production</i> , 2020, 276, 124128.	4.6	29
10	Has compost with biochar applied during the process added value over biochar or compost for increasing soil quality in an arable cropping system?. <i>Applied Soil Ecology</i> , 2020, 156, 103706.	2.1	16
11	Daring to be differential: metabarcoding analysis of soil and plant-related microbial communities using amplicon sequence variants and operational taxonomical units. <i>BMC Genomics</i> , 2020, 21, 733.	1.2	58
12	Unipect CLI 2.0: adding support for visualizations and functional annotations. <i>Bioinformatics</i> , 2020, 36, 4220-4221.	1.8	9
13	Tapping into the maize root microbiome to identify bacteria that promote growth under chilling conditions. <i>Microbiome</i> , 2020, 8, 54.	4.9	63
14	Peat substrate amended with chitin modulates the N-cycle, siderophore and chitinase responses in the lettuce rhizobiome. <i>Scientific Reports</i> , 2019, 9, 9890.	1.6	50
15	Sebacinoids within rhizospheric fungal communities associated with subsistence farming in the Congo Basin: a needle in each haystack. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	10
16	Trichoderma-Inoculated Miscanthus Straw Can Replace Peat in Strawberry Cultivation, with Beneficial Effects on Disease Control. <i>Frontiers in Plant Science</i> , 2018, 9, 213.	1.7	28
17	Exploring the methanogen and bacterial communities of rumen environments: solid adherent, fluid and epimural. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw251.	1.3	83
18	Temporal Dynamics of Bacterial and Fungal Colonization on Plastic Debris in the North Sea. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7350-7360.	4.6	239

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19	A review of microscopy and comparative molecular-based methods to characterize "Plastisphere" communities. <i>Analytical Methods</i> , 2017, 9, 2132-2143.	1.3	76
20	Chitin Mixed in Potting Soil Alters Lettuce Growth, the Survival of Zoonotic Bacteria on the Leaves and Associated Rhizosphere Microbiology. <i>Frontiers in Microbiology</i> , 2016, 7, 565.	1.5	76
21	Dynamics in the Strawberry Rhizosphere Microbiome in Response to Biochar and <i>Botrytis cinerea</i> Leaf Infection. <i>Frontiers in Microbiology</i> , 2016, 7, 2062.	1.5	59
22	Biological, physicochemical and plant health responses in lettuce and strawberry in soil or peat amended with biochar. <i>Applied Soil Ecology</i> , 2016, 107, 1-12.	2.1	122
23	Traditional and new soil amendments reduce survival and reproduction of potato cyst nematodes, except for biochar. <i>Applied Soil Ecology</i> , 2016, 107, 191-204.	2.1	26
24	Bacterial Community Profiling of Plastic Litter in the Belgian Part of the North Sea. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9629-9638.	4.6	320