Claire E Stanley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2790086/publications.pdf

Version: 2024-02-01

21	859	623734	677142
papers	citations	14 h-index	22 g-index

25	25	25	1316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil-on-a-Chip: microfluidic platforms for environmental organismal studies. Lab on A Chip, 2016, 16, 228-241.	6.0	115
2	Anion binding inhibition of the formation of a helical organogel. Chemical Communications, 2006, , 3199.	4.1	101
3	Bidirectional Propagation of Signals and Nutrients in Fungal Networks via Specialized Hyphae. Current Biology, 2019, 29, 217-228.e4.	3.9	82
4	Distinct RopGEFs Successively Drive Polarization and Outgrowth of Root Hairs. Current Biology, 2019, 29, 1854-1865.e5.	3.9	78
5	Probing bacterialâ€“fungal interactions at the single cell level. Integrative Biology (United Kingdom), 2014, 6, 935-945.	1.3	73
6	An Exonuclease I-Assisted Silver-Metallized Electrochemical Aptasensor for Ochratoxin A Detection. ACS Sensors, 2019, 4, 1560-1568.	7.8	64
7	Dualâ€flowâ€RootChip reveals local adaptations of roots towards environmental asymmetry at the physiological and genetic levels. New Phytologist, 2018, 217, 1357-1369.	7.3	63
8	Verticillium dahliae transcription factors Som1 and Vta3 control microsclerotia formation and sequential steps of plant root penetration and colonisation to induce disease. New Phytologist, 2019, 221, 2138-2159.	7.3	50
9	Microbiome-on-a-Chip: New Frontiers in Plantâ€“Microbiota Research. Trends in Microbiology, 2017, 25, 610-613.	7.7	42
10	Differential biosynthesis and cellular permeability explain longitudinal gibberellin gradients in growing roots. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	32
11	Bacteriaâ€induced production of the antibacterial sesquiterpene lagopodin B in Coprinopsis cinerea. Molecular Microbiology, 2019, 112, 605-619.	2.5	26
12	Continuous and Segmented Flow Microfluidics: Applications in High-throughput Chemistry and Biology. Chimia, 2012, 66, 88.	0.6	25
13	Mycelial Effects on Phage Retention during Transport in a Microfluidic Platform. Environmental Science & Technology, 2019, 53, 11755-11763.	10.0	19
14	Combining microfluidics and RNA-sequencing to assess the inducible defensome of a mushroom against nematodes. BMC Genomics, 2019, 20, 243.	2.8	19
15	A chip-to-world connector with a built-in reservoir for simple small-volume sample injection. Lab on A Chip, 2014, 14, 178-181.	6.0	15
16	A versatile microfluidic platform measures hyphal interactions between Fusarium graminearum and Clonostachys rosea in real-time. Communications Biology, 2021, 4, 262.	4.4	15
17	Microfluidic systems for plant root imaging. Methods in Cell Biology, 2020, 160, 381-404.	1.1	9
18	Fabrication and Use of the Dual-Flow-RootChip for the Imaging of Arabidopsis Roots in Asymmetric Microenvironments. Bio-protocol, 2018, 8, e3010.	0.4	8

#	Article	IF	Citations
19	Pseudomonas Strains Induce Transcriptional and Morphological Changes and Reduce Root Colonization of Verticillium spp.. Frontiers in Microbiology, 2021, 12, 652468.	3.5	6
20	Spores-on-a-chip: new frontiers for spore research. Trends in Microbiology, 2022, 30, 515-518.	7.7	4
21	pH Distribution along Growing Fungal Hyphae at Microscale. Journal of Fungi (Basel, Switzerland), 2022, 8, 599.	3.5	2