

Claire E Stanley

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

859
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Spores-on-a-chip: new frontiers for spore research. <i>Trends in Microbiology</i> , 2022, 30, 515-518.	7.7	4
2	pH Distribution along Growing Fungal Hyphae at Microscale. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 599.	3.5	2
3	A versatile microfluidic platform measures hyphal interactions between <i>Fusarium graminearum</i> and <i>Clonostachys rosea</i> in real-time. <i>Communications Biology</i> , 2021, 4, 262.	4.4	15
4	Differential biosynthesis and cellular permeability explain longitudinal gibberellin gradients in growing roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
5	<i>Pseudomonas</i> Strains Induce Transcriptional and Morphological Changes and Reduce Root Colonization of <i>Verticillium</i> spp.. <i>Frontiers in Microbiology</i> , 2021, 12, 652468.	3.5	6
6	Microfluidic systems for plant root imaging. <i>Methods in Cell Biology</i> , 2020, 160, 381-404.	1.1	9
7	Mycelial Effects on Phage Retention during Transport in a Microfluidic Platform. <i>Environmental Science & Technology</i> , 2019, 53, 11755-11763.	10.0	19
8	An Exonuclease I-Assisted Silver-Metallized Electrochemical Aptasensor for Ochratoxin A Detection. <i>ACS Sensors</i> , 2019, 4, 1560-1568.	7.8	64
9	Distinct RopGEFs Successively Drive Polarization and Outgrowth of Root Hairs. <i>Current Biology</i> , 2019, 29, 1854-1865.e5.	3.9	78
10	Bacteria-induced production of the antibacterial sesquiterpene lagopodin B in <i>Coprinopsis cinerea</i> . <i>Molecular Microbiology</i> , 2019, 112, 605-619.	2.5	26
11	Combining microfluidics and RNA-sequencing to assess the inducible defensome of a mushroom against nematodes. <i>BMC Genomics</i> , 2019, 20, 243.	2.8	19
12	Bidirectional Propagation of Signals and Nutrients in Fungal Networks via Specialized Hyphae. <i>Current Biology</i> , 2019, 29, 217-228.e4.	3.9	82
13	<i>Verticillium dahliae</i> transcription factors Som1 and Vta3 control microsclerotia formation and sequential steps of plant root penetration and colonisation to induce disease. <i>New Phytologist</i> , 2019, 221, 2138-2159.	7.3	50
14	Dual-flow-RootChip reveals local adaptations of roots towards environmental asymmetry at the physiological and genetic levels. <i>New Phytologist</i> , 2018, 217, 1357-1369.	7.3	63
15	Fabrication and Use of the Dual-Flow-RootChip for the Imaging of <i>Arabidopsis</i> Roots in Asymmetric Microenvironments. <i>Bio-protocol</i> , 2018, 8, e3010.	0.4	8
16	Microbiome-on-a-Chip: New Frontiers in Plant Microbiota Research. <i>Trends in Microbiology</i> , 2017, 25, 610-613.	7.7	42
17	Soil-on-a-Chip: microfluidic platforms for environmental organismal studies. <i>Lab on A Chip</i> , 2016, 16, 228-241.	6.0	115
18	A chip-to-world connector with a built-in reservoir for simple small-volume sample injection. <i>Lab on A Chip</i> , 2014, 14, 178-181.	6.0	15

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19	Probing bacterial–fungal interactions at the single cell level. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 935-945.	1.3	73
20	Continuous and Segmented Flow Microfluidics: Applications in High-throughput Chemistry and Biology. <i>Chimia</i> , 2012, 66, 88.	0.6	25
21	Anion binding inhibition of the formation of a helical organogel. <i>Chemical Communications</i> , 2006, , 3199.	4.1	101