

Tessa L Durham Brooks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6558537/publications.pdf>

Version: 2024-02-01

11
papers

267
citations

1478505

6
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

412
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Plasticity of Arabidopsis Root Gravitropism throughout a Multidimensional Condition Space Quantified by Automated Image Analysis Â. Plant Physiology, 2009, 152, 206-216. | 4.8 | 71 |
| 2 | Separating parental environment from seed size effects on next generation growth and development in <i>Arabidopsis</i>. Plant, Cell and Environment, 2011, 34, 291-301. | 5.7 | 70 |
| 3 | Detection of a Gravitropism Phenotype in<i>glutamate receptor-like 3.3</i>Mutants of<i>Arabidopsis thaliana</i>Using Machine Vision and Computation. Genetics, 2010, 186, 585-593. | 2.9 | 69 |
| 4 | Identified Challenges from Faculty Teaching at Predominantly Undergraduate Institutions after Abrupt Transition to Emergency Remote Teaching during the COVID-19 Pandemic. Education Sciences, 2021, 11, 556. | 2.6 | 19 |
| 5 | Finding Some Good in an Invasive Species: Introduction and Assessment of a Novel CURE to Improve Experimental Design in Undergraduate Biology Classrooms. Journal of Microbiology and Biology Education, 2018, 19, . | 1.0 | 17 |
| 6 | A Low-Cost Imaging Method for the Temporal and Spatial Colorimetric Detection of Free Amines on Maize Root Surfaces. Frontiers in Plant Science, 2017, 8, 1513. | 3.6 | 12 |
| 7 | Using Flatbed Scanners to Collect High-resolution Time-lapsed Images of the Arabidopsis Root Gravitropic Response. Journal of Visualized Experiments, 2014, , e50878. | 0.3 | 3 |
| 8 | DIVAS. , 2018, , . | | 2 |
| 9 | Digital imaging and vision analysis in science project improves the self-efficacy and skill of undergraduate students in computational work. PLoS ONE, 2021, 16, e0241946. | 2.5 | 2 |
| 10 | Maize genetics through the lens of many disciplines: the career of George Beadle. Journal of Natural Resources and Life Sciences Education, 2021, 50, e20068. | 1.5 | 0 |
| 11 | Building a Culture of Computing in the Sciences Using Images as Data Within a Community of Practice. Computing in Science and Engineering, 2021, 23, 67-71. | 1.2 | 0 |