

# 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

1477746

6  
h-index

1588620

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. <i>Plant Physiology</i> , 2009, 152, 206-216.	2.3	71
2	Separating parental environment from seed size effects on next generation growth and development in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 291-301.	2.8	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. <i>Genetics</i> , 2010, 186, 585-593.	1.2	69
4	Identified Challenges from Faculty Teaching at Predominantly Undergraduate Institutions after Abrupt Transition to Emergency Remote Teaching during the COVID-19 Pandemic. <i>Education Sciences</i> , 2021, 11, 556.	1.4	19
5	Finding Some Good in an Invasive Species: Introduction and Assessment of a Novel CURE to Improve Experimental Design in Undergraduate Biology Classrooms. <i>Journal of Microbiology and Biology Education</i> , 2018, 19, .	0.5	17
6	A Low-Cost Imaging Method for the Temporal and Spatial Colorimetric Detection of Free Amines on Maize Root Surfaces. <i>Frontiers in Plant Science</i> , 2017, 8, 1513.	1.7	12
7	Using Flatbed Scanners to Collect High-resolution Time-lapsed Images of the Arabidopsis Root Gravitropic Response. <i>Journal of Visualized Experiments</i> , 2014, , e50878.	0.2	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. <i>PLoS ONE</i> , 2021, 16, e0241946.	1.1	2
10	Maize genetics through the lens of many disciplines: the career of George Beadle. <i>Journal of Natural Resources and Life Sciences Education</i> , 2021, 50, e20068.	0.8	0
11	Building a Culture of Computing in the Sciences Using Images as Data Within a Community of Practice. <i>Computing in Science and Engineering</i> , 2021, 23, 67-71.	1.2	0