

# Jonathon A Gibbs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3722943/publications.pdf>

Version: 2024-02-01

7  
papers

205  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaches to three-dimensional reconstruction of plant shoot topology and geometry. <i>Functional Plant Biology</i> , 2017, 44, 62.	2.1	83
2	Plant Phenotyping: An Active Vision Cell for Three-Dimensional Plant Shoot Reconstruction. <i>Plant Physiology</i> , 2018, 178, 524-534.	4.8	41
3	Active Vision and Surface Reconstruction for 3D Plant Shoot Modelling. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, 17, 1907-1917.	3.0	24
4	A canopy conundrum: can wind-induced movement help to increase crop productivity by relieving photosynthetic limitations?. <i>Journal of Experimental Botany</i> , 2019, 70, 2371-2380.	4.8	23
5	Recovering Wind-Induced Plant Motion in Dense Field Environments via Deep Learning and Multiple Object Tracking. <i>Plant Physiology</i> , 2019, 181, 28-42.	4.8	14
6	The effect of canopy architecture on the patterning of "windflecks" within a wheat canopy. <i>Plant, Cell and Environment</i> , 2021, 44, 3524-3537.	5.7	14
7	A Deep Learning Method for Fully Automatic Stomatal Morphometry and Maximal Conductance Estimation. <i>Frontiers in Plant Science</i> , 2021, 12, 780180.	3.6	6