

Johannes Pfeifer

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

551
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-destructive measurement of soybean leaf thickness via X-ray computed tomography allows the study of diel leaf growth rhythms in the third dimension. <i>Journal of Plant Research</i> , 2018, 131, 111-124.	2.4	9
2	RADIX: rhizoslide platform allowing high throughput digital image analysis of root system expansion. <i>Plant Methods</i> , 2016, 12, 40.	4.3	22
3	Rapid phenotyping of crop root systems in undisturbed field soils using X-ray computed tomography. <i>Plant Methods</i> , 2015, 11, 41.	4.3	66
4	Assessing potato tuber diel growth by means of X-ray computed tomography. <i>Plant, Cell and Environment</i> , 2015, 38, 2318-2326.	5.7	16
5	Spring barley shows dynamic compensatory root and shoot growth responses when exposed to localised soil compaction and fertilisation. <i>Functional Plant Biology</i> , 2014, 41, 581.	2.1	47
6	Artificial pores attract barley roots and can reduce artifacts of pot experiments. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 903-913.	1.9	26
7	GROWSCREEN-Rhizo is a novel phenotyping robot enabling simultaneous measurements of root and shoot growth for plants grown in soil-filled rhizotrons. <i>Functional Plant Biology</i> , 2012, 39, 891.	2.1	290
8	Evidence of improved water uptake from subsoil by spring wheat following lucerne in a temperate humid climate. <i>Field Crops Research</i> , 2012, 126, 56-62.	5.1	75