Johannes Pfeifer

List of Publications by Year
in descending order

8	551	1307594	1588992
papers	citations	7	8
		h-index	g-index

8	8	8	918
all docs	docs citations	times ranked	citing authors

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