Anton P Wasson

List of Publications by Year
in descending order

17 papers	2,026 citations	567281 15 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	2549 citing authors

#	Article	IF	Citations
1	Carbon budgeting belowground. New Phytologist, 2021, 232, 5-7.	7.3	0
2	Crop Improvement from Phenotyping Roots: Highlights Reveal Expanding Opportunities. Trends in Plant Science, 2020, 25, 105-118.	8.8	141
3	Beyond Digging: Noninvasive Root and Rhizosphere Phenotyping. Trends in Plant Science, 2020, 25, 119-120.	8.8	49
4	Root phenotypes at maturity in diverse wheat and triticale genotypes grown in three field experiments: Relationships to shoot selection, biomass, grain yield, flowering time, and environment. Field Crops Research, 2020, 255, 107870.	5.1	25
5	Strategies to improve the productivity, product diversity and profitability of urban agriculture. Agricultural Systems, 2019, 174, 133-144.	6.1	103
6	Differentiating Wheat Genotypes by Bayesian Hierarchical Nonlinear Mixed Modeling of Wheat Root Density. Frontiers in Plant Science, 2017, 8, 282.	3.6	15
7	A portable fluorescence spectroscopy imaging system for automated root phenotyping in soil cores in the field. Journal of Experimental Botany, 2016, 67, 1033-1043.	4.8	60
8	Wheats developed for high yield on stored soil moisture have deep vigorous root systems. Functional Plant Biology, 2016, 43, 173.	2.1	27
9	The Control of Auxin Transport in Parasitic and Symbiotic Rootâ€“Microbe Interactions. Plants, 2015, 4, 606-643.	3.5	30
10	Role of <scp>LONELY GUY</scp> genes in indeterminate nodulation on Medicago truncatula. New Phytologist, 2014, 202, 582-593.	7.3	81
11	Soil coring at multiple field environments can directly quantify variation in deep root traits to select wheat genotypes for breeding. Journal of Experimental Botany, 2014, 65, 6231-6249.	4.8	134
12	Evaluation of root characteristics, canopy temperature depression and stay green trait in relation to grain yield in wheat under early and late sown conditions. Indian Journal of Plant Physiology, 2014, 19, 43-47.	0.8	11
13	Traits and selection strategies to improve root systems and water uptake in water-limited wheat crops. Journal of Experimental Botany, 2012, 63, 3485-3498.	4.8	643
14	MtCRE1â€dependent cytokinin signaling integrates bacterial and plant cues to coordinate symbiotic nodule organogenesis in Medicago truncatula. Plant Journal, 2011, 65, 622-633.	5.7	257
15	Differing requirements for flavonoids during the formation of lateral roots, nodules and root knot nematode galls in Medicago truncatula. New Phytologist, 2009, 183, 167-179.	7.3	64
16	Silencing the Flavonoid Pathway in Medicago truncatula Inhibits Root Nodule Formation and Prevents Auxin Transport Regulation by Rhizobia. Plant Cell, 2006, 18, 1617-1629.	6.6	349
17	Genes expressed in zoospores of Phytophthora nicotianae. Molecular Genetics and Genomics, 2004, 270, 549-557.	2.1	34