

Patrick J Rich

List of Publications by Year in descending order

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17
papers

639
citations

1040056

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h-index

1281871

11
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17
all docs

17
docs citations

17
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation in sorghum <i>LOW GERMINATION STIMULANT 1</i> alters strigolactones and causes <i>Striga</i> resistance. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4471-4476.	7.1	172
2	Striga Resistance in the Wild Relatives of Sorghum. Crop Science, 2004, 44, 2221-2229.	1.8	91
3	Resistance to <i>Striga hermonthica</i> in a maize inbred line derived from <i>Zea diploperennis</i> . New Phytologist, 2008, 178, 157-166.	7.3	77
4	Towards effective resistance to <i>Striga</i> in African maize. Plant Signaling and Behavior, 2008, 3, 618-621.	2.4	56
5	Leaf sheath cuticular waxes on bloomless and sparse-bloom mutants of Sorghum bicolor. Phytochemistry, 2000, 54, 577-584.	2.9	43
6	Epicuticular Wax Morphology of Bloomless (bm) Mutants in Sorghum bicolor. International Journal of Plant Sciences, 1992, 153, 311-319.	1.3	41
7	Molecular tagging and validation of microsatellite markers linked to the low germination stimulant gene (lgs) for Striga resistance in sorghum [<i>Sorghum bicolor</i> (L.) Moench]. Theoretical and Applied Genetics, 2012, 124, 989-1003.	3.6	37
8	EFFECTS ON <i>STRIGA</i> PARASITISM OF TRANSGENIC MAIZE ARMED WITH RNAi CONSTRUCTS TARGETING ESSENTIAL <i>S. ASIATICA</i> GENES. , 2007, , 185-196.		28
9	Mutagenesis, Selection, and Allelic Analysis of Epicuticular Wax Mutants in Sorghum. Crop Science, 2009, 49, 1250-1258.	1.8	27
10	Marker-Assisted and Physiology-Based Breeding for Resistance to Root Parasitic Orobanchaceae. , 2013, , 369-391.		23
11	BIOLOGY OF HOST-PARASITE INTERACTIONS IN STRIGA SPECIES. , 2007, , 19-32.		14
12	An In Vitro Method for Identifying Postattachment Striga Resistance in Maize and Sorghum. Agronomy Journal, 2011, 103, 1472-1478.	1.8	10
13	Sorghum Brown Midrib19 (Bmr19) Gene Links Lignin Biosynthesis to Folate Metabolism. Genes, 2021, 12, 660.	2.4	8
14	DISSECTING A COMPLEX TRAIT TO SIMPLER COMPONENTS FOR EFFECTIVE BREEDING OF SORGHUM WITH A HIGH LEVEL OF <i>STRIGA</i> RESISTANCE. , 2007, , 87-98.		7
15	Genetic and Management Options for Controlling Striga. , 2020, , 421-451.		3
16	Blowing the dog whistle. New Phytologist, 2018, 218, 404-406.	7.3	2
17	Development of seed cuticular waxes on bloomless mutants of Sorghum bicolor L. Moench. Israel Journal of Plant Sciences, 2001, 49, 245-251.	0.5	0