Susan J Barker

List of Publications by Year
in descending order

21 papers	1,186 citations	623574 14 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	1173 citing authors

#	Article	IF	Citations
1	A Novel Tomato Fusarium Wilt Tolerance Gene. Frontiers in Microbiology, 2018, 9, 1226.	1.5	74
2	Regeneration selection improves transformation efficiency in narrow-leaf lupin. Plant Cell, Tissue and Organ Culture, 2016, 126, 219-228.	1.2	12
3	An approach to overcoming regeneration recalcitrance in genetic transformation of lupins and other legumes. Plant Cell, Tissue and Organ Culture, 2016, 127, 623-635.	1.2	12
4	Using green fluorescent protein sheds light on Lupinus angustifolius L. transgenic shoot development. Plant Cell, Tissue and Organ Culture, 2016, 127, 665-674.	1.2	11
5	Sensitivity of jarrah (Eucalyptus marginata) to phosphate, phosphite, and arsenate pulses as influenced by fungal symbiotic associations. Mycorrhiza, 2016, 26, 401-415.	1.3	13
6	Ecto- and arbuscular mycorrhizal symbiosis can induce tolerance to toxic pulses of phosphorus in jarrah (Eucalyptus marginata) seedlings. Mycorrhiza, 2014, 24, 501-509.	1.3	30
7	A novel plantâ€“fungus symbiosis benefits the host without forming mycorrhizal structures. New Phytologist, 2014, 201, 1413-1422.	3.5	37
8	The reduced mycorrhizal colonisation (rmc) mutation of tomato disrupts five gene sequences including the CYCLOPS/IPD3 homologue. Mycorrhiza, 2013, 23, 573-584.	1.3	20
9	Multiple genetic loci for zinc uptake and distribution in barley (Hordeum vulgare). New Phytologist, 2009, 184, 168-179.	3.5	60
10	The diversity of arbuscular mycorrhizas of selected AustralianFabaceae. Plant Biosystems, 2008, 142, 420-427.	0.8	16
11	Position of the reduced mycorrhizal colonisation (Rmc) locus on the tomato genome map. Mycorrhiza, 2007, 17, 311-318.	1.3	28
12	The first gene-based map of Lupinus angustifolius L.-location of domestication genes and conserved synteny with Medicago truncatula. Theoretical and Applied Genetics, 2006, 113, 225-238.	1.8	116
13	Root infection of the reduced mycorrhizal colonization (rmc) mutant of tomato reveals genetic interaction between symbiosis and parasitism. Physiological and Molecular Plant Pathology, 2005, 67, 277-283.	1.3	24
14	Plant phosphate transporter genes help harness the nutritional benefits of arbuscular mycorrhizal symbiosis. Trends in Plant Science, 2002, 7, 189-190.	4.3	24
15	Molecular approaches to understanding mycorrhizal symbioses. Plant and Soil, 2002, 244, 107-116.	1.8	5
16	Molecular approaches to understanding mycorrhizal symbioses. , 2002, , 107-116.		1
17	A Lycopersicon esculentum phosphate transporter (LePT1) involved in phosphorus uptake from a vesiculaâ€“arbuscular mycorrhizal fungus. New Phytologist, 1999, 144, 507-516.	3.5	106
18	Molecular approaches for increasing the micronutrient density in edible portions of food crops. Field Crops Research, 1999, 60, 81-92.	2.3	31

#	Article	IF	Citations
19	Differential expression of iron deficiencyâ€induced genes in barley genotypes with differing manganese efficiency. Journal of Plant Nutrition, 1996, 19, 407-420.	0.9	8
20	Soybean b-Conglycinin Genes Are Clustered in Several DNA Regions and Are Regulated by Transcriptional and Posttranscriptional Processes. Plant Cell, 1989, 1, 415.	3.1	78
21	Regulation of gene expression during plant embryogenesis. Cell, 1989, 56, 149-160.	13.5	480