Thomas Fester

List of Publications by Year
in descending order

18	1,535	516710 16	888059 17
papers	citations	h-index	g-index

19	19	19	1337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arbuscular mycorrhizal fungi induce the non-mevalonate methylerythritol phosphate pathway of isoprenoid biosynthesis correlated with accumulation of the â€˜yellow pigmentâ€™ and other apocarotenoids. Plant Journal, 2000, 21, 571-578.	5.7	200
2	Arbuscular mycorrhiza: biological, chemical, and molecular aspects. Journal of Chemical Ecology, 2003, 29, 1955-1979.	1.8	172
3	Molecular and cell biology of arbuscular mycorrhizal symbiosis. Planta, 2005, 221, 184-196.	3.2	162
4	Organization and Metabolism of Plastids and Mitochondria in Arbuscular Mycorrhizal Roots of Medicago truncatula Â Â. Plant Physiology, 2005, 139, 329-340.	4.8	148
5	Isoprenoid metabolism and plastid reorganization in arbuscular mycorrhizal roots. New Phytologist, 2006, 172, 22-34.	7.3	142
6	Stimulation of carotenoid metabolism in arbuscular mycorrhizal roots. Planta, 2002, 216, 148-154.	3.2	108
7	Occurrence and Localization of Apocarotenoids in Arbuscular Mycorrhizal Plant Roots. Plant and Cell Physiology, 2002, 43, 256-265.	3.1	101
8	Accumulation of secondary compounds in barley and wheat roots in response to inoculation with an arbuscular mycorrhizal fungus and co-inoculation with rhizosphere bacteria. Mycorrhiza, 1999, 8, 241-246.	2.8	95
9	Reorganization of tobacco root plastids during arbuscule development. Planta, 2001, 213, 864-868.	3.2	88
10	Apocarotenoid biosynthesis in arbuscular mycorrhizal roots: Contributions from methylerythritol phosphate pathway isogenes and tools for its manipulation. Phytochemistry, 2007, 68, 130-138.	2.9	68
11	Rapid determination of fungal colonization and arbuscule formation in roots of Medicago truncatula using real-time (RT) PCR. Journal of Plant Physiology, 2004, 161, 1379-1383.	3.5	65
12	Is stimulation of carotenoid biosynthesis in arbuscular mycorrhizal roots a general phenomenon?. Phytochemistry, 2005, 66, 1781-1786.	2.9	49
13	Towards a systemic metabolic signature of the arbuscular mycorrhizal interaction. Oecologia, 2011, 167, 913-924.	2.0	42
14	Accumulation of apocarotenoids in mycorrhizal roots of Ornithogalum umbellatum. Phytochemistry, 2006, 67, 1196-1205.	2.9	38
15	FtsZ Characterization and Immunolocalization in the Two Phases of Plastid Reorganization in Arbuscular Mycorrhizal Roots of Medicago truncatula. Plant and Cell Physiology, 2006, 47, 1124-1134.	3.1	35
16	â€œChromoplastâ€•development in arbuscular mycorrhizal roots. Phytochemistry, 2007, 68, 92-100.	2.9	19
17	Die arbuskulÃre Mykorrhiza: Eine unterirdische Lebensgemeinschaft. Biologie in Unserer Zeit, 2001, 31, 286-295.	0.2	3
18	Plastiden bei der arbuskulÃren Mykorrhizasymbiose. , 2004, , 39-42.		0