

Thomas Fester

List of Publications by Year in descending order

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18
papers

1,535
citations

516710

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888059

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19
docs citations

19
times ranked

1337
citing authors

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