

Kaldorf M., **Zimmer W.**, Bothe H. (1994) Genetic evidence for the occurrence of assimilatory nitrate reductase in arbuscular mycorrhizal and other fungi. **Mycorrhiza** **5**, 23-28. This paper was cited 31 times until 2010.

Title: Molecular trait indicators: moving beyond phylogeny in arbuscular mycorrhizal ecology

Author(s): Gamper HA, van der Heijden MGA, Kowalchuk GA

Source: NEW PHYTOLOGIST Volume: 185 Issue: 1 Pages: 67-82

Published: 2010

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Arbuscular Mycorrhizal Mediated Nutrition in Plants

Author(s): Javaid A

Source: JOURNAL OF PLANT NUTRITION Volume: 32 Issue: 10 Pages: 1595-1618

Published: 2009

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Antioxidant activities and metal acquisition in mycorrhizal plants growing in a heavy-metal multicontaminated soil amended with treated lignocellulosic agrowaste

Author(s): Azcon R, Peralvarez MD, Biro B, et al.

Source: APPLIED SOIL ECOLOGY Volume: 41 Issue: 2 Pages: 168-177

Published: FEB 2009

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Characterization of an amino acid permease from the endomycorrhizal fungus Glomus mosseae

Author(s): Cappellazzo G, Lanfranco L, Fitz M, et al.

Source: PLANT PHYSIOLOGY Volume: 147 Issue: 1 Pages: 429-437

Published: MAY 2008

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Uptake and metabolism of nitrate in mycorrhizal plants as affected by water availability and N concentration in soil

Author(s): Azcon R, Rodriguez R, Amora-Lazcano E, et al.

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Issue: 2 Pages: 131-138

Published: APR 2008

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Enzymatic evidence for the key role of arginine in nitrogen translocation by arbuscular mycorrhizal fungi

Author(s): Cruz C, Egsgaard H, Trujillo C, et al.

Source: PLANT PHYSIOLOGY Volume: 144 Issue: 2 Pages: 782-792

Published: JUN 2007

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: A limiting source of organic nitrogen induces specific transcriptional responses in the extraradical structures of the endomycorrhizal fungus Glomus intraradices

Author(s): Cappellazzo G, Lanfranco L, Bonfante P

Source: CURRENT GENETICS Volume: 51 Issue: 1 Pages: 59-70

Published: JAN 2007

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Nitrogen transfer in the arbuscular mycorrhizal symbiosis

Author(s): Govindarajulu M, Pfeffer PE, Jin HR, et al.

Source: NATURE Volume: 435 Issue: 7043 Pages: 819-823

Published: JUN 9 2005

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Different nitrogen sources modulate activity but not expression of glutamine synthetase in arbuscular mycorrhizal fungi

Author(s): Breuninger M, Trujillo CG, Serrano E, et al.

Source: FUNGAL GENETICS AND BIOLOGY Volume: 41 Issue: 5 Pages: 542-552

Published: MAY 2004

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Effect of mycorrhizal inoculation on nutrient acquisition, gas exchange, and nitrate reductase activity of two Mediterranean-autochthonous shrub species under drought stress

Author(s): Caravaca F, Figueroa D, Barea JM, et al.

Source: JOURNAL OF PLANT NUTRITION Volume: 27 Issue: 1 Pages: 57-74

Published: 2004

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Arbuscular mycorrhizal symbiosis and alleviation of osmotic stress. New perspectives for molecular studies

Author(s): Ruiz-Lozano JM

Source: MYCORRHIZA Volume: 13 Issue: 6 Pages: 309-317

Published: DEC 2003

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Influence of arbuscular mycorrhizae and a genetically modified strain of Sinorhizobium on growth, nitrate reductase activity and protein content in shoots and roots of Medicago sativa as affected by nitrogen concentrations

Author(s): Vazquez MM, Barea JM, Azcon R

Source: SOIL BIOLOGY & BIOCHEMISTRY Volume: 34 Issue: 7 Pages: 899-905

Published: JUL 2002

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Expression of nitrate transporter genes in tomato colonized by an arbuscular mycorrhizal fungus

Author(s): Hildebrandt U, Schmelzer E, Bothe H

Source: PHYSIOLOGIA PLANTARUM Volume: 115 Issue: 1 Pages: 125-136

Published: MAY 2002

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Identification of a cDNA from the arbuscular mycorrhizal fungus Glomus intraradices that is expressed during mycorrhizal symbiosis and up-regulated by N fertilization

Author(s): Ruiz-Lozano JM, Collados C, Porcel R, et al.

Source: MOLECULAR PLANT-MICROBE INTERACTIONS Volume: 15 Issue: 4 Pages: 360-367

Published: APR 2002

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Differential contribution of arbuscular mycorrhizal fungi to plant nitrate uptake (N-15) under increasing N supply to the soil

Author(s): Azcon R, Ruiz-Lozano J, Rodriguez R

Source: CANADIAN JOURNAL OF BOTANY-REVUE CANADIENNE DE BOTANIQUE Volume: 79 Issue: 10 Pages: 1175-1180

Published: OCT 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Isolation and sequence analysis of the arbuscular mycorrhizal fungus *Glomus mosseae* (Nicol & Gerd.) Gerdemann & Trappe 3-phosphoglycerate kinase (PGK) gene promoter region

Author(s): Harrier LA

Source: DNA SEQUENCE Volume: 11 Issue: 6 Pages: 463-473

Published: 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Impact of soil nitrogen concentration on *Glomus* spp.-*Sinorhizobium* interactions as affecting growth, nitrate reductase activity and protein content of *Medicago sativa*

Author(s): Vazquez MM, Barea JM, Azcon R

Source: BIOLOGY AND FERTILITY OF SOILS Volume: 34 Issue: 1 Pages: 57-63

Published: JUL 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Biolistic transformation of arbuscular mycorrhizal fungi - Progress and perspectives

Author(s): Harrier LA, Millam S

Source: MOLECULAR BIOTECHNOLOGY Volume: 18 Issue: 1 Pages: 25-33

Published: MAY 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: The arbuscular mycorrhizal symbiosis: a molecular review of the fungal dimension

Author(s): Harrier LA

Conference Information: Annual Meeting of the Society-for-Experimental-Biology, JUL 30-AUG 03, 2000 CAMBRIDGE, ENGLAND

Source: JOURNAL OF EXPERIMENTAL BOTANY Volume: 52 Special Issue: Sp. Iss. SI Pages: 469-478

Published: MAR 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: EST-library construction using spore RNA of the arbuscular mycorrhizal fungus *Gigaspora rosea*

Author(s): Stommel M, Mann P, Franken P

Source: MYCORRHIZA Volume: 10 Issue: 6 Pages: 281-285

Published: APR 2001

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Detection of the 3-phosphoglycerate kinase protein of *Glomus mosseae*

Author: Harrier L (REPRINT) ; Sawczak J

Journal: MYCORRHIZA , 2000 , V 10 , N2 (AUG) , P 81-86

ISSN: 0940-6360 Publication Date: 20000800

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: The plasma membrane H⁺-ATPase gene family in the arbuscular mycorrhizal fungus *Glomus mosseae*

Author: Ferrol N (REPRINT) ; Barea JM; AzconAguilar C

Journal: CURRENT GENETICS , 2000 , V 37 , N2 (FEB) , P 112-118

ISSN: 0172-8083 Publication Date: 20000200

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Visualization of ribosomal DNA loci in spore interphasic nuclei of glomalean fungi by fluorescence in situ hybridization

Author: Trouvelot S; vanTuinen D; Hijri M; GianinazziPearson V (REPRINT)

Journal: MYCORRHIZA , 1999 , V 8 , N4 (JAN) , P 203-206

ISSN: 0940-6360 Publication Date: 19990100

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Isolation of the 3-phosphoglycerate kinase gene of the arbuscular mycorrhizal fungus *Glomus mosseae* (Nicol. & Gerd.) Gerdemann & Trappe

Author: Harrier LA (REPRINT) ; Wright F; Hooker JE

Journal: CURRENT GENETICS , 1998 , V 34 , N5 (DEC) , P 386-392

ISSN: 0172-8083 Publication Date: 19981200

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: A cDNA from the arbuscular mycorrhizal fungus *Glomus versiforme* with homology to a cruciform DNA-binding protein from *Ustilago maydis*

Author: Burleigh SH; Harrison MJ (REPRINT)

Journal: MYCORRHIZA , 1998 , V 7 , N6 (MAY) , P 301-306

ISSN: 0940-6360 Publication Date: 19980500

Publisher: SPRINGER VERLAG , 175 FIFTH AVE, NEW YORK, NY 10010

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Expression of maize and fungal nitrate reductase genes in arbuscular mycorrhiza

Author: Kaldorf M; Schmelzer E; Bothe H (REPRINT)

Journal: MOLECULAR PLANT-MICROBE INTERACTIONS , 1998 , V 11 , N6 (JUN) , P 439-448

ISSN: 0894-0282 Publication Date: 19980600

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Arbuscular mycorrhizae and nitrogen assimilation in maize after drought and recovery

Author: Subramanian KS; Charest C (REPRINT)

Journal: PHYSIOLOGIA PLANTARUM , 1998 , V 102 , N2 (FEB) , P 285-296

ISSN: 0031-9317 Publication Date: 19980200

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: Dechlorination of lindane by the cyanobacterium Anabaena sp. strain PCC7120 depends on the function of the nir operon

Author: Kuritz T (REPRINT) ; Bocanera LV; Rivera NS

Journal: JOURNAL OF BACTERIOLOGY , 1997 , V 179 , N10 (MAY) , P 3368-3370

ISSN: 0021-9193 Publication Date: 19970500

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: MYCORRHIZAL COLONIZATION AND DROUGHT STRESS AS FACTORS AFFECTING NITRATE REDUCTASE-ACTIVITY IN LETTUCE PLANTS

Author: RUIZLOZANO JM; AZCON R

Journal: AGRICULTURE ECOSYSTEMS & ENVIRONMENT , 1996 , V 60 , N2-3 (DEC) , P 175-181

ISSN: 0167-8809

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: NITROGEN-METABOLISM OF EXTERNAL HYPHAE OF THE ARBUSCULAR MYCORRHIZAL FUNGUS GLOMUS INTRARADICES

Author: JOHANSEN A; FINLAY RD; OLSSON PA

Journal: NEW PHYTOLOGIST , 1996 , V 133 , N4 (AUG) , P 705-712

ISSN: 0028-646X

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA

Title: NITRATE DEPLETION AND PH CHANGES INDUCED BY THE EXTRARADICAL MYCELIUM OF THE ARBUSCULAR MYCORRHIZAL FUNGUS GLOMUS INTRARADICES GROWN IN MONOXENIC CULTURE

Author: BAGO B; VIERHEILIG H; PICHE Y; AZCONAGUILAR C

Journal: NEW PHYTOLOGIST , 1996 , V 133 , N2 (JUN) , P 273-280

ISSN: 0028-646X

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Cited References:

... KALDORF M, 1994, V5, P23, MYCORRHIZA