

Publications

- **J. Ellers, J. Mariën, G. Driessen and N.M. van Straalen (2008)** Temperature-induced gene expression associated with different thermal reaction norms for growth rate. *J. Exp. Zool. (Mol. Dev. Evol.)* **310B**: 137-147. [PDF file](#)
- **M.J.T.N. Timmermans, D. Roelofs, J. Mariën and N.M. van Straalen (2008)** Revealing pancrustacean relationships: Phylogenetic analysis of ribosomal protein genes places Collembola (springtails) in a monophyletic Hexapoda and reinforces the discrepancy between mitochondrial and nuclear DNA markers. *BMC Evol. Biol.* **8**: 83. [PDF file](#)
- **T.K.S. Janssens, J. Mariën, P. Cenijs, J. Legler, N.M. van Straalen and D. Roelofs (2007)** Recombinational micro-evolution of functionally different metallothionein promoter alleles from *Orchesella cincta*. *BMC Evol. Biol.* **2007**: 7-88. [PDF file](#)
- **D. Roelofs, J. Mariën and N.M. van Straalen (2007)** Differential gene expression profiles associated with heavy metal tolerance in the soil insect *Orchesella cincta*. *Insect Biochem. Mol. Biol.* **37**: 287-295. [PDF file](#)
- **N.M. van Straalen, D. Roelofs, J. Mariën, M.J.T.N. Timmermans, M.E. de Boer and B. Nota (2006)** Genome-wide analysis of stress responses in terrestrial organisms. In: *KNCV Sectie Milieuchemie Jaarboek 2005*. Koninklijke Nederlandse Chemische Vereniging, Leidschendam, pp. 68-69.
- **M.J.T.N. Timmermans, J. Ellers, J. Mariën, S.C. Verhoef, E.B. Ferwerda, N.M. Van Straalen.** Genetic structure in *Orchesella cincta* (Collembola): Strong subdivision of European populations inferred from mtDNA and AFLP markers. *Mol. Ecol.* **14**: 2017–2024. [PDF file](#)
- **M.J.T.N. Timmermans, J. Mariën, D. Roelofs, N.M. van Straalen and J. Ellers (2004)** Evidence for multiple origins of *Wolbachia* infection in springtails. *Pedobiologia* **48**: 469-475. [PDF file](#)