

**Begutachtete Publikationen der Mitarbeiter/innen
der Professur für Pflanzenzüchtung,
Martin-Luther-Universität Halle-Wittenberg
1990 – 2011**

(Stand 22.08.2011)

2011

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- Saal B, von Korff M, Léon J, Pillen K (2011) Advanced-backcross QTL analysis in spring barley: IV. The contribution of marker x nitrogen treatment interaction to QTL detection. *Euphytica* 177: 223–239.

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- Ibrahim SE, Schubert A, Pillen K, Léon J (2010) Quantitative trait locus analysis for drought tolerance in an advanced backcross population of spring wheat. *Sudan J Agric Res* 15: 1-18.
- Wang G, Schmalenbach I, von Korff M, Léon J, Kilian B, Rode J, Pillen K (2010) Association of barley photoperiod and vernalization genes with QTLs for flowering time and agronomic traits in a BC2DH population and a set of wild barley introgression lines. *Theor Appl Genet* 120: 1559–1574.
- El Soda M, Satya Nadakuduti S, Pillen K, Uptmoor R (2010) Stability parameter and genotype mean estimates for drought stress effects on root and shoot growth of wild barley pre-introgression lines. *Mol Breeding* 26: 583-593.
- von Korff M, Léon J, Pillen K (2010) Detection of epistatic interactions between exotic alleles introgressed from wild barley (*H. vulgare* ssp. *spontaneum*). *Theor Appl Genet* 121: 1455–1464.

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- Mebrate SA, Oerke EC, Pillen K, Dehne HW (2008) Postulation of seedling leaf rust resistance genes in selected Ethiopian and German bread wheat cultivars *Crop Science* 48: 507-516.
- Naz AA, Kunert A, Lind V, Pillen K, Léon J (2008) AB-QTL analysis in winter wheat: II. Genetic analysis of seedling and field resistance against leaf rust in a wheat advanced backcross population. *Theor Appl Genet* 116: 1095–1104.
- Mebrate SA, Oerke EC, Dehne HW, Pillen K (2008) Mapping of the leaf rust resistance gene Lr38 in

wheat using SSR markers. *Euphytica* 162: 457–466.

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Weber WE, Bringezu T, Broer I, Eder J, Holz F (2007) Coexistence between GM and Non-GM maize crops - Tested in 2004 at the field scale level (Erprobungsanbau 2004). *Journal of Agronomy and Crop Science* 193:79-92

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- Thiele A, Schumann E, Peil A, Weber WE (2002) Eyespot resistance in wheat x *Aegilops kotschy* backcross lines. Plant Breeding 121:29-35
- Saal B, Wricke G (2002) Clustering of amplified fragment length polymorphism markers in a linkage map of rye. Plant Breeding 121:117-123
- Esch E, Weber WE (2002) Investigation of crossover interference in barley (*Hordeum vulgare* L.) using the coefficient of coincidence. Theoretical and Applied Genetics 104:786-796
- Börner A, Schumann E, Furst A, Coster H, Leithold B, Röder MS, Weber WE (2002) Mapping of quantitative trait loci determining agronomic important characters in hexaploid wheat (*Triticum aestivum* L.). Theoretical and Applied Genetics 105:921-936

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- Munnich C, Walther U, Weber WE, Leithold B (2000) New sources of resistance for stripe rust in barley. Plant Breeding 119:473-480
- Geidel H, Weber WE, Mechelke W, Haufe W (2000) Selection for sugar yield in sugar beet, *Beta vulgaris*, using different selection indices. Plant Breeding 119:188-190
- Börner A, Korzun V, Voylokov AV, Worland AJ, Weber WE (2000) Genetic mapping of quantitative trait

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