

# Traud Winkelmann

## List of Publications by Year in descending order

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Version: 2024-02-01

139  
papers

2,621  
citations

172386

29  
h-index

276775

41  
g-index

145  
all docs

145  
docs citations

145  
times ranked

1986  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Removing the major allergen Bra j I from brown mustard ( <i>Brassica juncea</i> ) by CRISPR/Cas9. <i>Plant Journal</i> , 2022, 109, 649-663.  | 2.8 | 22        |
| 2  | Networks of free-living nematodes and co-extracted fungi, associated with symptoms of apple replant disease. <i>Applied Soil Ecology</i> , 2022, 172, 104368.   | 2.1 | 8         |
| 3  | Dynamics of Bacterial Root Endophytes of <i>Malus domestica</i> Plants Grown in Field Soils Affected by Apple Replant Disease. <i>Frontiers in Microbiology</i> , 2022, 13, 841558.   | 1.5 | 5         |
| 4  | Identification of Candidate Genes Associated With Tolerance to Apple Replant Disease by Genome-Wide Transcriptome Analysis. <i>Frontiers in Microbiology</i> , 2022, 13, .  | 1.5 | 5         |
| 5  | Molecular Barcoding Reveals the Genus <i>Streptomyces</i> as Associated Root Endophytes of Apple ( <i>Malus domestica</i> ) Plants Grown in Soils Affected by Apple Replant Disease. <i>Phytobiomes Journal</i> , 2021, 5, 177-189. | 1.4 | 15        |
| 6  | Microscopic evidence of Nectriaceae and other microbes in infected fine root tissue of replant diseased apple plants. <i>European Journal of Horticultural Science</i> , 2021, 86, 29-40.   | 0.3 | 8         |
| 7  | Root exposure to apple replant disease soil triggers local defense response and rhizoplane microbiome dysbiosis. <i>FEMS Microbiology Ecology</i> , 2021, 97, .   | 1.3 | 26        |
| 8  | Evaluation of tolerance to apple replant disease (ARD) in <i>Malus</i> germplasm. <i>Acta Horticulturae</i> , 2021, , 327-334.  | 0.1 | 2         |
| 9  | Evaluation of Apple Root-Associated Endophytic <i>Streptomyces pulveraceus</i> Strain ES16 by an OSMAC-Assisted Metabolomics Approach. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .                                    | 1.8 | 7         |
| 10 | The Orphan Crop <i>Crassocephalum crepidioides</i> Accumulates the Pyrrolizidine Alkaloid Jacobine in Response to Nitrogen Starvation. <i>Frontiers in Plant Science</i> , 2021, 12, 702985.  | 1.7 | 4         |
| 11 | Split-root approach reveals localized root responses towards apple replant disease (ARD) in terms of ARD biomarker gene expression and content of phenolic compounds. <i>Scientia Horticulturae</i> , 2021, 286, 110117.            | 1.7 | 8         |
| 12 | Alleviation of Nematode-Mediated Apple Replant Disease by Pre-Cultivation of Tagetes. <i>Horticulturae</i> , 2021, 7, 433.  | 1.2 | 5         |
| 13 | Formation and exudation of biphenyl and dibenzofuran phytoalexins by roots of the apple rootstock M26 grown in apple replant disease soil. <i>Phytochemistry</i> , 2021, 192, 112972.   | 1.4 | 8         |
| 14 | Elucidating the genetic mechanisms underlying tolerance to apple replant disease (ARD). <i>Acta Horticulturae</i> , 2021, , 49-56.  | 0.1 | 0         |
| 15 | Identification and validation of early genetic biomarkers for apple replant disease. <i>PLoS ONE</i> , 2020, 15, e0238876.  | 1.1 | 13        |
| 16 | Exploring microbial determinants of apple replant disease (ARD): a microhabitat approach under split-root design. <i>FEMS Microbiology Ecology</i> , 2020, 96, .  | 1.3 | 19        |
| 17 | Rhizosphere microbial communities associated to rose replant disease: links to plant growth and root metabolites. <i>Horticulture Research</i> , 2020, 7, 144.  | 2.9 | 19        |
| 18 | Genomes of the Venus Flytrap and Close Relatives Unveil the Roots of Plant Carnivory. <i>Current Biology</i> , 2020, 30, 2312-2320.e5.  | 1.8 | 60        |

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|----|---|-----|-----------|
| 19 | Molecular identification of Nectriaceae in infections of apple replant disease—affected roots collected by Harris Uni-Core punching or laser microdissection. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 571-582. | 1.6 | 22        |
| 20 | Genetic analysis of callus formation in a diversity panel of 96 rose genotypes. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 142, 505-517.   | 1.2 | 11        |
| 21 | Genetic analysis of adventitious root formation in vivo and in vitro in a diversity panel of roses. <i>Scientia Horticulturae</i> , 2020, 266, 109277.  | 1.7 | 13        |
| 22 | Soil research challenges in response to emerging agricultural soil management practices. <i>Advances in Agronomy</i> , 2020, , 179-240.   | 2.4 | 19        |
| 23 | Biofumigation for Fighting Replant Disease- A Review. <i>Agronomy</i> , 2020, 10, 425.  | 1.3 | 27        |
| 24 | Observations on early fungal infections with relevance for replant disease in fine roots of the rose rootstock <i>Rosa corymbifera</i> 'Laxa'. <i>Scientific Reports</i> , 2020, 10, 22410.   | 1.6 | 6         |
| 25 | Rose replant disease: detailed analyses of plant reactions, root endophytes and rhizosphere microbial communities. <i>Acta Horticulturae</i> , 2020, , 97-104.  | 0.1 | 3         |
| 26 | Propagation of 285-year-old alley linden ( <i>Tilia Å— vulgaris</i> ) trees via long cuttings. <i>European Journal of Horticultural Science</i> , 2020, 85, 160-168.  | 0.3 | 3         |
| 27 | Advances in conventional breeding techniques for ornamentals. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 119-148.   | 0.1 | 0         |
| 28 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 29 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 30 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 31 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 32 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 33 | Identification and validation of early genetic biomarkers for apple replant disease. , 2020, 15, e0238876.  |     | 0         |
| 34 | Evaluation of <i>Malus</i> genetic resources for tolerance to apple replant disease (ARD). <i>Scientia Horticulturae</i> , 2019, 256, 108517.   | 1.7 | 38        |
| 35 | Nutritional composition in African nightshade ( <i>Solanum scabrum</i> ) influenced by harvesting methods, age and storage conditions. <i>Postharvest Biology and Technology</i> , 2019, 153, 142-151.                              | 2.9 | 14        |
| 36 | Development of markers for shoot organogenesis in roses. <i>Acta Horticulturae</i> , 2019, , 7-14.  | 0.1 | 3         |

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|----|--|-----|-----------|
| 37 | Reduced microbial potential for the degradation of phenolic compounds in the rhizosphere of apple plantlets grown in soils affected by replant disease. <i>Environmental Microbiomes</i> , 2019, 14, 8.                                | 2.2 | 22        |
| 38 | Correction to: Reduced microbial potential for the degradation of phenolic compounds in the rhizosphere of apple plantlets grown in soils affected by replant disease. <i>Environmental Microbiomes</i> , 2019, 14, .                  | 2.2 | 3         |
| 39 | <i>Cleome gynandra</i> L. origin, taxonomy and morphology: A review. <i>African Journal of Agricultural Research</i> Vol Pp, 2019, 14, 1568-1583.  | 0.2 | 17        |
| 40 | Diagnosis of apple replant disease (ARD): Microscopic evidence of early symptoms in fine roots of different apple rootstock genotypes. <i>Scientia Horticulturae</i> , 2019, 243, 583-594.   | 1.7 | 57        |
| 41 | Morphological characterization, genetic diversity and population structure of African nightshades (section <i>Solanum</i> L.). <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 105-120.  | 0.8 | 13        |
| 42 | Genes Involved in Stress Response and Especially in Phytoalexin Biosynthesis Are Upregulated in Four <i>Malus</i> Genotypes in Response to Apple Replant Disease. <i>Frontiers in Plant Science</i> , 2019, 10, 1724.                  | 1.7 | 27        |
| 43 | Apple Replant Disease: Causes and Mitigation Strategies. <i>Current Issues in Molecular Biology</i> , 2019, 30, 89-106.  | 1.0 | 98        |
| 44 | Development of next-generation sequencing (NGS)-based SSRs in African nightshades: Tools for analyzing genetic diversity for conservation and breeding. <i>Scientia Horticulturae</i> , 2018, 235, 152-159.                            | 1.7 | 6         |
| 45 | African nightshades: genetic, biochemical and metabolite diversity of an underutilised indigenous leafy vegetable and its potential for plant breeding. <i>Journal of Horticultural Science and Biotechnology</i> , 2018, 93, 113-121. | 0.9 | 11        |
| 46 | Development stage, storage temperature and storage duration influence phytonutrient content in cowpea ( <i>Vigna unguiculata</i> L. Walp.). <i>Heliyon</i> , 2018, 4, e00656.  | 1.4 | 17        |
| 47 | Embryogenic Callus as Target for Efficient Transformation of <i>Cyclamen persicum</i> Enabling Gene Function Studies. <i>Frontiers in Plant Science</i> , 2018, 9, 1035.   | 1.7 | 18        |
| 48 | Bacterial Endophytes in Plant Tissue Culture: Mode of Action, Detection, and Control. <i>Methods in Molecular Biology</i> , 2018, 1815, 69-88.   | 0.4 | 18        |
| 49 | Induction and diagnosis of apple replant disease (ARD): a matter of heterogeneous soil properties?. <i>Scientia Horticulturae</i> , 2018, 241, 167-177.  | 1.7 | 67        |
| 50 | Apple Replant Disease: Causes and Mitigation Strategies. , 2018, , .   |     | 2         |
| 51 | <i>Helleborus</i> . <i>Handbook of Plant Breeding</i> , 2018, , 439-452.   | 0.1 | 1         |
| 52 | Transcriptomic analysis of molecular responses in <i>Malus domestica</i> roots affected by apple replant disease. <i>Plant Molecular Biology</i> , 2017, 94, 303-318.  | 2.0 | 55        |
| 53 | Factors affecting shoot multiplication and rooting of walnut ( <i>Juglans regia</i> L.) in vitro. <i>Acta Horticulturae</i> , 2017, , 525-530.   | 0.1 | 2         |
| 54 | Transcriptome profiling in leaves representing aboveground parts of apple replant disease affected <i>Malus domestica</i> plants. <i>Scientia Horticulturae</i> , 2017, 222, 111-125.  | 1.7 | 29        |

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|----|---|-----|-----------|
| 55 | Mating biology, nuclear <sc>DNA</sc> content and genetic diversity in spider plant (<i>Cleome) Tj ETQq1 1 0.784314 rgBT /Overlock   | 1.0 | 20        |
| 56 | Improved in vitro rooting of <i>Prunus avium</i> microshoots using a dark treatment and an auxin pulse. <i>Scientia Horticulturae</i> , 2017, 220, 52-56.   | 1.7 | 13        |
| 57 | Endophytic bacterial communities in in vitro shoot cultures derived from embryonic tissue of hybrid walnut ( <i>Juglans</i> — <i>intermedia</i> ). <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 153-165.  | 1.2 | 19        |
| 58 | Impaired defense reactions in apple replant disease-affected roots of <i>Malus domestica</i> M26™. <i>Tree Physiology</i> , 2017, 37, 1672-1685.  | 1.4 | 46        |
| 59 | In vitro screening of potato genotypes for osmotic stress tolerance. <i>Open Agriculture</i> , 2017, 2, .   | 0.7 | 8         |
| 60 | Genetic and morphological diversity of cowpea ( <i>Vigna unguiculata</i> (L.) Walp.) entries from East Africa. <i>Scientia Horticulturae</i> , 2017, 226, 268-276.  | 1.7 | 33        |
| 61 | Genetic dissection of adventitious shoot regeneration in roses by employing genome-wide association studies. <i>Plant Cell Reports</i> , 2017, 36, 1493-1505.   | 2.8 | 21        |
| 62 | Nutritional compound analysis and morphological characterization of spider plant ( <i>Cleome) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T</i>  | 2.9 | 45        |
| 63 | Variability in Osmotic Stress Tolerance of Starch Potato Genotypes (<i>Solanum tuberosum</i> L.) as Revealed by an <i>In Vitro</i> Screening: Role of Proline, Osmotic Adjustment and Drought Response in Pot Trials. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 206-218. | 1.7 | 30        |
| 64 | What can we learn from seeds? Somatic versus zygotic embryogenesis. <i>Acta Horticulturae</i> , 2017, , 1-12.   | 0.1 | 1         |
| 65 | Effects of Soil Pre-Treatment with Basamid® Granules, <i>Brassica juncea</i> , <i>Raphanus sativus</i> , and <i>Tagetes patula</i> on Bacterial and Fungal Communities at Two Apple Replant Disease Sites. <i>Frontiers in Microbiology</i> , 2017, 8, 1604.                            | 1.5 | 52        |
| 66 | In vitro plant regeneration from ovules of <i>Taraxacum officinale</i> and <i>Taraxacum koksaghyz</i> . <i>African Journal of Biotechnology</i> , 2017, 16, 1764-1775.  | 0.3 | 2         |
| 67 | Localization and overcoming of hybridization barriers in <i>Delosperma</i> and <i>Lampranthus</i> (Aizoaceae). <i>Euphytica</i> , 2016, 211, 255-275.   | 0.6 | 2         |
| 68 | Paving the way for large-scale micropropagation of <i>Juglans</i> — <i>intermedia</i> using genetically identified hybrid seed. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 153-166.   | 1.2 | 2         |
| 69 | Dynamics of endophytic bacteria in plant in vitro culture: quantification of three bacterial strains in <i>Prunus avium</i> in different plant organs and in vitro culture phases. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 305-317.                                    | 1.2 | 34        |
| 70 | Effects of biofumigation using <i>Brassica juncea</i> and <i>Raphanus sativus</i> in comparison to disinfection using Basamid on apple plant growth and soil microbial communities at three field sites with replant disease. <i>Plant and Soil</i> , 2016, 406, 389-408.               | 1.8 | 45        |
| 71 | Proteomic analysis of two divergently responding potato genotypes ( <i>Solanum tuberosum</i> L.) following osmotic stress treatment in vitro. <i>Journal of Proteomics</i> , 2016, 143, 227-241.  | 1.2 | 16        |
| 72 | Changed composition of metabolites in <i>Solanum tuberosum</i> subjected to osmotic stress in vitro: Is sorbitol taken up?. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 195-206.   | 1.2 | 9         |

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|----|--|-----|-----------|
| 73 | Somatic Versus Zygotic Embryogenesis: Learning from Seeds. <i>Methods in Molecular Biology</i> , 2016, 1359, 25-46.  | 0.4 | 39        |
| 74 | Establishment of an in vitro propagation and transformation system of <i>Balanites aegyptiaca</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 457-470.  | 1.2 | 4         |
| 75 | Improved Postharvest Quality of Inflorescences of <i>fbp1::etr1-1</i> Transgenic <i>Burrageara</i> "Stefan Isler Lava Flow"™. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 390-400.   | 2.8 | 10        |
| 76 | Molecular Markers for Genetic Diversity Studies in African Leafy Vegetables. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2016, 07, 188-197.  | 0.3 | 21        |
| 77 | Effect of photoperiod and temperature on flower induction in three <i>Aizoaceae</i> genera. <i>European Journal of Horticultural Science</i> , 2016, 81, 204-211.  | 0.3 | 0         |
| 78 | INTERSPECIFIC HYBRIDISATION IN THE GENUS <i>HELLEBORUS</i> . <i>Acta Horticulturae</i> , 2015, , 301-308.  | 0.1 | 1         |
| 79 | CYTOLOGICAL INVESTIGATIONS IN MIDDAY FLOWERS ( <i>AIZOACEAE</i> ) REVEAL HIGH DNA CONTENTS IN DIFFERENT SOMATIC TISSUES AND POTENTIAL OCCURRENCE OF UNREDUCED MALE GAMETES. <i>Acta Horticulturae</i> , 2015, , 437-444.                     | 0.1 | 3         |
| 80 | Different bacterial communities in heat and gamma irradiation treated replant disease soils revealed by 16S rRNA gene analysis " contribution to improved aboveground apple plant growth?. <i>Frontiers in Microbiology</i> , 2015, 6, 1224. | 1.5 | 49        |
| 81 | Transcriptome, carbohydrate, and phytohormone analysis of <i>Petunia hybrida</i> reveals a complex disturbance of plant functional integrity under mild chilling stress. <i>Frontiers in Plant Science</i> , 2015, 6, 583.                   | 1.7 | 23        |
| 82 | Metabolite profiling of somatic embryos of <i>Cyclamen persicum</i> in comparison to zygotic embryos, endosperm, and testa. <i>Frontiers in Plant Science</i> , 2015, 6, 597.  | 1.7 | 12        |
| 83 | Evaluation of reproductive barriers contributes to the development of novel interspecific hybrids in the <i>Kalanchoe</i> genus. <i>BMC Plant Biology</i> , 2015, 15, 15.  | 1.6 | 40        |
| 84 | Degradation of Biofumigant Isothiocyanates and Allyl Glucosinolate in Soil and Their Effects on the Microbial Community Composition. <i>PLoS ONE</i> , 2015, 10, e0132931.   | 1.1 | 56        |
| 85 | Endophytic bacteria in plant tissue culture: differences between easy- and difficult-to-propagate <i>Prunus avium</i> genotypes. <i>Tree Physiology</i> , 2014, 34, 524-533.   | 1.4 | 67        |
| 86 | Comparative proteomic analysis of early somatic and zygotic embryogenesis in <i>Theobroma cacao</i> L.. <i>Journal of Proteomics</i> , 2013, 78, 123-133.  | 1.2 | 46        |
| 87 | Investigations on laser marking of plants and fruits. <i>Biosystems Engineering</i> , 2013, 116, 436-446.  | 1.9 | 16        |
| 88 | Evaluation of apple replant problems based on different soil disinfection treatments"links to soil microbial community structure?. <i>Plant and Soil</i> , 2013, 366, 617-631.   | 1.8 | 116       |
| 89 | Proteomic and histological analyses of endosperm development in <i>Cyclamen persicum</i> as a basis for optimization of somatic embryogenesis. <i>Plant Science</i> , 2013, 201-202, 52-65.  | 1.7 | 12        |
| 90 | Comparing costs for different conservation strategies of garlic ( <i>Allium sativum</i> L.) germplasm in genebanks. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 913-926.   | 0.8 | 19        |

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|-----|---|-----|-----------|
| 91  | RECENT ADVANCES IN PROPAGATION OF WOODY PLANTS. <i>Acta Horticulturae</i> , 2013, , 375-381.  | 0.1 | 13        |
| 92  | Thermotolerant cyclamen with reduced acrolein and methyl vinyl ketone. <i>Journal of Experimental Botany</i> , 2012, 63, 4143-4150.   | 2.4 | 39        |
| 93  | NUCLEAR DNA CONTENT AND GENETIC RELATIONSHIPS BASED ON AFLP DATA IN HELLEBORUS. <i>Acta Horticulturae</i> , 2012, , 157-162.  | 0.1 | 1         |
| 94  | GREEN FLUORESCENT PROTEIN (GFP): A TOOL FOR SELECTING TRANSGENIC PETUNIA PLANTS WITH HIGHER CONSUMER ACCEPTANCE. <i>Acta Horticulturae</i> , 2012, , 217-222.   | 0.1 | 0         |
| 95  | Interspecific crosses within the <i>Streptocarpus</i> subgenus <i>Streptocarpella</i> and intergeneric crosses between <i>Streptocarpella</i> and <i>Saintpaulia ionantha</i> genotypes. <i>Scientia Horticulturae</i> , 2012, 148, 215-222.                            | 1.7 | 12        |
| 96  | DIGE Analysis of Plant Tissue Proteomes Using a Phenolic Protein Extraction Method. <i>Methods in Molecular Biology</i> , 2012, 854, 335-342.   | 0.4 | 2         |
| 97  | Interspecific somatic hybrids between <i>Cyclamen persicum</i> and <i>C. coum</i> , two sexually incompatible species. <i>Plant Cell Reports</i> , 2012, 31, 723-735.   | 2.8 | 13        |
| 98  | From callus to embryo: a proteomic view on the development and maturation of somatic embryos in <i>Cyclamen persicum</i> . <i>Planta</i> , 2012, 235, 995-1011.   | 1.6 | 44        |
| 99  | Evaluation of reproductive barriers and realisation of interspecific hybridisations depending on genetic distances between species in the genus <i>Helleborus</i> . <i>Plant Biology</i> , 2012, 14, 576-585.   | 1.8 | 15        |
| 100 | GelMap – A novel software tool for building and presenting proteome reference maps. <i>Journal of Proteomics</i> , 2011, 74, 2214-2219.   | 1.2 | 28        |
| 101 | Analysis of the taxonomic subdivision within the genus <i>Helleborus</i> by nuclear DNA content and genome-wide DNA markers. <i>Scientia Horticulturae</i> , 2011, 128, 38-47.  | 1.7 | 8         |
| 102 | Morphological and Genetic Analyses of Hellebore Leaf Spot Disease Isolates from Different Geographic Origins Show Low Variability and Reveal Molecular Evidence for Reclassification into <i>Didymellaceae</i> . <i>Journal of Phytopathology</i> , 2011, 159, 665-675. | 0.5 | 1         |
| 103 | Enolases: storage compounds in seeds? Evidence from a proteomic comparison of zygotic and somatic embryos of <i>Cyclamen persicum</i> Mill.. <i>Plant Molecular Biology</i> , 2011, 75, 305-319.  | 2.0 | 36        |
| 104 | Selection of transgenic <i>Petunia</i> plants using the green fluorescent protein (GFP). <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 483-492.  | 1.2 | 12        |
| 105 | TOWARDS A BETTER UNDERSTANDING OF SOMATIC EMBRYOGENESIS IN <i>CYCLAMEN PERSICUM</i> . <i>Acta Horticulturae</i> , 2011, , 15-23.  | 0.1 | 1         |
| 106 | ESTABLISHMENT AND OPTIMIZATION OF AN EFFICIENT IN VITRO REGENERATION SYSTEM OF <i>ONCIDIUM</i> , <i>WILSONARA</i> , <i>ODONTOCIDIUM</i> AND <i>VUYLSTEKEARA</i> . <i>Acta Horticulturae</i> , 2010, , 445-452.  | 0.1 | 1         |
| 107 | Ornamentals. <i>Biotechnology in Agriculture and Forestry</i> , 2010, , 369-391.  | 0.2 | 4         |
| 108 | Efficient and stable regeneration from protoplasts of <i>Cyclamen coum</i> Miller via somatic embryogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 101, 171-182.  | 1.2 | 30        |

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|-----|---|-----|-----------|
| 109 | ESTABLISHMENT OF PROTEOME REFERENCE MAPS FOR SOMATIC AND ZYGOTIC EMBRYOS OF CYCLAMEN PERSICUM MILL.. Acta Horticulturae, 2010, , 239-242.   | 0.1 | 1         |
| 110 | OVULE CULTURE OF HELLEBORUS SPECIES. Acta Horticulturae, 2010, , 195-200.   | 0.1 | 1         |
| 111 | Clonal Propagation of Cyclamen persicum Via Somatic Embryogenesis. Methods in Molecular Biology, 2010, 589, 281-290.  | 0.4 | 8         |
| 112 | Regeneration of different Cyclamen species via somatic embryogenesis from callus, suspension cultures and protoplasts. Scientia Horticulturae, 2010, 125, 442-450.  | 1.7 | 22        |
| 113 | Agrobacterium tumefaciens-mediated transformation of Oncidium and Odontoglossum orchid species with the ethylene receptor mutant gene <i>etr1-1</i> . Plant Cell, Tissue and Organ Culture, 2009, 98, 125-134.            | 1.2 | 30        |
| 114 | Protoplast isolation and plant regeneration of different genotypes of Petunia and Calibrachoa. Plant Cell, Tissue and Organ Culture, 2009, 99, 27-34.   | 1.2 | 30        |
| 115 | The ethylene 2 receptor gene as a robust molecular marker for intergeneric somatic hybrids between <i>Petunia</i> and <i>Calibrachoa</i> . Plant Breeding, 2009, 129, 448.  | 1.0 | 2         |
| 116 | In-vitro-Regeneration und Agrobacterium tumefaciens-vermittelter Gentransfer bei Oncidium â€™Sweet Sugarâ€™. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2007, 2, 111-111.                                  | 0.5 | 0         |
| 117 | Variable DNA content of Cyclamen persicum regenerated via somatic embryogenesis: rethinking the concept of long-term callus and suspension cultures. Plant Cell, Tissue and Organ Culture, 2007, 90, 255-263.             | 1.2 | 31        |
| 118 | AGROBACTERIUM-MEDIATED TRANSFORMATION OF PELARGONIUM (PELARGONIUM ZONALE HYBRIDS AND) Tj ET0q0 0 0 rgBT /Overlo   | 0.1 | 2         |
| 119 | PROTEOMIC ANALYSES OF SOMATIC AND ZYGOTIC EMBRYOS AND ENDOSPERM TISSUE OF CYCLAMEN PERSICUM. Acta Horticulturae, 2006, , 163-170.   | 0.1 | 0         |
| 120 | Commercial in vitro plant production in Germany in 1985â€™2004. Plant Cell, Tissue and Organ Culture, 2006, 86, 319-327.  | 1.2 | 34        |
| 121 | Efficient plant regeneration from protoplasts isolated from embryogenic suspension cultures of Cyclamen persicum Mill.. Plant Cell, Tissue and Organ Culture, 2006, 86, 337-347.  | 1.2 | 17        |
| 122 | Proteomic analyses of somatic and zygotic embryos of Cyclamen persicum Mill. reveal new insights into seed and germination physiology. Planta, 2006, 224, 508-519.  | 1.6 | 86        |
| 123 | Development of a shoot regeneration protocol for genetic transformation in Pelargonium zonale and Pelargonium peltatum hybrids. Plant Cell, Tissue and Organ Culture, 2005, 80, 33-42.                                    | 1.2 | 11        |
| 124 | In vitro propagation of Hippeastrum Ã— chmielii Chm. â€™ influence of flurprimidol and the culture in solid or liquid medium and in temporary immersion systems. Plant Cell, Tissue and Organ Culture, 2005, 83, 339-346. | 1.2 | 21        |
| 125 | Genotypic differences in callus formation and regeneration of somatic embryos in Cyclamen persicum Mill. Euphytica, 2005, 144, 109-117.   | 0.6 | 23        |
| 126 | Cryopreservation of embryogenic suspension cultures of Cyclamen persicum Mill.. Plant Cell Reports, 2004, 23, 1-8.  | 2.8 | 26        |



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|-----|--|-----|-----------|
| 127 | Desiccation of somatic embryos of <i>Cyclamen persicum</i> Mill.. Journal of Horticultural Science and Biotechnology, 2004, 79, 479-483.   | 0.9 | 16        |
| 128 | Germination of Encapsulated Somatic Embryos of <i>Cyclamen persicum</i> . Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1093-1097.   | 0.5 | 18        |
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