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**Cichorium intybus L. x Cicerbita alpina Walbr.: doubled haploid chicory induction and CENH3 characterization.** / Van der Veken, Jeroen; Eeckhaut, Tom; Baert, Joost; Rutlink, Tom; Maudoux, Olivier; Stefaan, Werbrouck; Van Huylenbroeck, Johan.
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**Adventitious rooting of Chrysanthemum is stimulated by a low red:far-red ratio.** / Christiaens, Annelies; Gobin, Bruno; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine.
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**LED light quality intensifies leaf pigmentation in ornamental pot plants.** / De Keyser, Ellen; Dhooghe, Emmy; Christiaens, Annelies; Van Labeke, Marie-Christine; Van Huylenbroeck, Johan.
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**Image-based phenotyping is a useful tool to measure induced compactness in chromosome doubled Escallonia.** / Denaeghel, Hanne; Van Laere, Katrijn; Leus, Leen; Lootens, Peter; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine.
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**Introgression of rol genes from rhizogenic agrobacterium strains into Escallonia spp.** / Denaeghel, Hanne; Desmet, Siel; De Keyser, Ellen; Dhooghe, Emmy; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine; Van Laere, Katrijn.
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**Differential efficiency of wild type rhizogenic strains for rol gene transformation of plants.** / Desmet, Siel; De Keyser, Ellen; Van Vaerenbergh, Johan; Baeyen, Steve; Van Huylenbroeck, Johan; Geelen, Danny; Dhooghe, Emmy.
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**Breeding and selection of Buxus for resistance to Calonectria pseudonaviculata.** / Van Laere, Katrijn; Heungens, Kurt; Gehesquière, Bjorn; Leus, Leen; Hermans, Didier; Van Huylenbroeck, Johan.
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**Set-up of a bio-assay facilitating breeding and selection of Buxus for resistance to Calonectria pseudonaviculata.** / Van Laere, Katrijn; Heungens, Kurt; Gehesquière, Bjorn; Leus, Leen; Hermans, Didier; Van Huylenbroeck, Johan.
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**Branching gene expression during chrysanthemum axillary bud outgrowth regulated by strigolactone and auxin transport.** / Dierck, Robrecht; Leus, Leen; Dhooghe, Emmy; Van Huylenbroeck, Johan; De Riek, Jan; Van Der Straeten, Dominique; De Keyser, Ellen.
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Temperature related instability of a naturally induced cytoplasmic male sterility in industrial chicory (*Cichorium intybus* L.). / Van der Veken, Jeroen; Vandermoere, Stany; Maudoux, Olivier; Notté, Christine; Eeckhaut, Tom; Baert, Joost; Werbrouck, Stefaan; Van Huylenbroeck, Johan.  
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The variable effect of polyploidization on the phenotype in Escallonia. / Denaeghel, Hanne; Van Laere, Katrijn; Leus, Leen; Lootens, Peter; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine.  
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Azalea. / De Riek, Jan; De Keyser, Ellen; Calsyn, Evelien; Eeckhaut, Tom; Van Huylenbroeck, Johan; Kobayashi, Nobuo.  
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The use of rhizogenic Agrobacteria as an alternative breeding technique in ornamentals. / Desmet, Siel; Dhooghe, Emmy; De Keyser, Ellen; Eeckhaut, Tom; Van Huylenbroeck, Johan; Geelen, Danny.  
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Ploidy breeding in ornamentals. / Eeckhaut, Tom; Van der Veken, Jeroen; Dhooghe, Emmy; Leus, Leen; Van Laere, Katrijn; Van Huylenbroeck, Johan.  
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Breeding new flowering *Calathea: The Bicajoux series*. / Van Huylenbroeck, Johan; Calsyn, Evelien; Van den Broeck, A.; Denis, R.; Dhooghe, Emmy.  
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Breeding woody ornamentals of the temperate zone. / Van Laere, Katrijn; Hokanson, Stan; Conteras, Ryan; Van Huylenbroeck, Johan.  
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Polyploidisation as a tool to introgress compact growth in *Escallonia*. / Denaeghel, Hanne; Van Laere, Katrijn; Leus, Leen; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine.

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Genomics in azalea: defence against broad mite (*Polyphagotarsonemus latus*) infection as a case study. / De Keyser, Ellen; Luypaert, Gil; Rutting, Tom; Van Huylenbroeck, Johan; De Riek, Jan.
2016. 20th EUCARPIA General Congress, Zurich, Switzerland.
Research output: Contribution to conference › C3: Conference - meeting abstract › Research › peer-review

Response to strigolactone treatment in chrysanthemum axillary buds is influenced by auxin transport inhibition and sucrose availability. / Dierck, Robrecht; Dhooghe, Emmy; Van Huylenbroeck, Johan; De Riek, Jan; De Keyser, Ellen; Van Der Straeten, Dominique.
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Drought Stress-Induced Changes in Gas Exchange, Chl a Fluorescence Parameters and Yield in *Lolium, Festuca* and *Festulolium*. / Fariaszewska, Anna; Aper, Jonas; Staniak, Mariola; Baert, Joost; Van Huylenbroeck, Johan; De Riek, Jan.
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Durable disease resistance in woody ornamentals: the breeders' challenge. / Van Huylenbroeck, Johan; Leus, Leen; Luypaert, Gil; Van Laere, Katrijn.
2016. 3rd International Symposium on Woody Ornamentals of the Temperate Zone, Minneapolis, Minnesota, United States.
Research output: Contribution to conference › C3: Conference - meeting abstract › Research › peer-review

Cytogenetic approaches enhance advanced breeding in woody ornamentals. / Van Laere, Katrijn; Kirov, Ilia; Van Huylenbroeck, Johan; Khristaleva, Ludmila.
2016. 3rd International Symposium on Woody Ornamentals of the Temperate Zone, Minneapolis, Minnesota, United States.
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Integrated approach for interspecific breeding in *Viburnum*. / Van Laere, Katrijn; Xie, Weijia; Van Huylenbroeck, Johan.
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Induction of Tetraploids in *Escallonia* spp. / Denaeghel, Hanne; Van Laere, Katrijn; Leus, Leen; Van Huylenbroeck, Johan.
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*Chrysanthemum indicum* 'Golden Surfer' protoplast regeneration: a new horizon for somatic hybridization? / Eeckhaut, Tom; Van Huyl enbroeck, Johan.


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Development and validation of a three-step detection protocol for broad mites (*Polyphagotarsonemus latus*) in pot azalea (*Rhododendron simsii* hybrids). / Mechant, Els; Luypaert, Gil; Van Delsen, Bart; Pauwels, Els; Witters, Johan; Van Huyl enbroeck, Johan; Gobin, Bruno.

In: Entomologia Experimentalis et Applicata, Vol. 156, No. 1, 27.05.2015, p. 99-104.

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Towards population genomics and metagenomics in agriculture and marine environments. / Haegeman, Annelies; De Mulder, Thijs; De Tander, Caroline; Fraiture, Marie-Alice; Kirov, Ilia; Luypaert, Gil; Van Parijs, Frederik; Veeckman, Elisaabeth; Verwimp, Christophe; Baeyen, Steve; Debode, Jane; De Keyser, Ellen; De Riek, Jan; Devriese, Lisa; Goossens, Karen; Maes, Sara; Muylle, Hilde; Peiren, Nico; Rasschaert, Geertrui; Taverniers, Isabel; Van Coillie, Els; Vandaele, Leen; Van Laere, Katrijn; De Campeneere, Sam; De Loose, Marc; Heyndrickx, Marc; Maes, Martine; Robbens, Johan; Roldán-Ruiz, Isabel; Van Huyl enbroeck, Johan; Ruttink, Tom.

2015. Poster session presented at BIG N2N annual symposium, Gent, Belgium.

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Karyotype analysis and visualization of 45S rDNA genes using fluorescence in situ hybridisation in aroids (Araceae). / Lakshmanan, Prabhu Shankar; Van Laere, Katrijn; Eeckhaut, Tom; Van Huyl enbroeck, Johan; Van Bockstaele, Erik; Khrustaleva, Ludmila.
Steering stomatal dynamics by chemicals or LED lighting during acclimatization of micropropagated plantlets. / Dhooghe, Emmy; Dierck, Robrecht; Van Huylenbroeck, Johan.
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Cold hardiness of the broad mite Polyphagotarsonemus latus (Acari: Tarsenomidae). / Luypaert, Gil; Witters, Johan; Berkvens, Nick; Van Huylenbroeck, Johan; De Riek, Jan; De Clercq, Patrick.
In: Experimental and Applied Acarology, 11.03.2015.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Axillary bud outgrowth in Chrysanthemum: regulation by auxin and cytokinin in two cultivars with differential branching patterns. / Dierck, Robrecht; De Keyser, Ellen; De Riek, Jan; Dhooghe, Emmy; Van Huylenbroeck, Johan; Prinsen, Els; Van Der Straeten, Dominique.
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Auxin transport and strigolactone biosynthesis regulate chrysanthemum axillary bud outgrowth. / Dierck, Robrecht; De Keyser, Ellen; De Riek, Jan; Dhooghe, Emmy; Van Huylenbroeck, Johan; Prinsen, Els; Van Der Straeten, Dominique.
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Hormonal and Genetic Regulation of Axillary Bud Outgrowth in Chrysanthemum morifolium during Floral Initiation. / Dierck, Robrecht; De Keyser, Ellen; De Riek, Jan; Dhooghe, Emmy; Van Huylenbroeck, Johan; Prinsen, Els; Van Der Straeten, Dominique.
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The effect of cold storage of potted azalea on broad mite infection. / Mechant, Els ; Pauwels, Els; Luypaert, Gil; Van Huylenbroeck, Johan; Gobin, Bruno .

Drought tolerance screening of a *Rosa* population. / De Dauw, Katrien; Van Labeke, Marie-Christine; Leus, Leen; Van Huylenbroeck, Johan.
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8th International Symposium on In Vitro Culture and Horticultural breeding, Book of abstracts. 2013.
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Construction of a genetic linkage map with SSR, AFLP and morphological markers to locate QTLs controlling pathotype-specific powdery mildew resistance in diploid roses. / Hosseini Moghaddam, Hossein; Leus, Leen; De Riek, Jan; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Gene expression profiling of candidate genes for flowering in Belgian pot azalea. / De Keyser, Ellen; Christiaens, Annelies; Pauwels, Els; Van Labeke, Marie-Christine; Gobin, Bruno; Van Huylenbroeck, Johan; De Riek, Jan.

Low melting point agarose beads as a standard method for plantlet regeneration from protoplasts within the Cichorium genus. / Deryckere, Dieter; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Bockstaele, Erik.

Optimisation of somatic hybridisation in Cichorium species. / Deryckere, Dieter; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Bockstaele, Erik.

Ornamental plant tissue culture industry in Flanders (Belgium). / Dhooghe, Emmy; Van Huylenbroeck, Johan; Geelen, Danny.

Induction of organogenesis from Chrysanthemum indicum protoplasts. / Eeckhaut, Tom; Van Huylenbroeck, Johan.

Induction of organogenesis from Chrysanthemum indicum protoplasts. / Eeckhaut, Tom; Van Huylenbroeck, Johan.

Interspecific hybridization of Belgian pot azaleas (Rhododendron simsii) with tropical Vireya genotypes. / Eeckhaut, Tom; Calsyn, Evelien; Van Huylenbroeck, Johan.

Genotypic and phenotypic variation in Cylindrocladium buxicola. / Gehesquière, Bjorn; Rys, Filip; Maes, Martine; Gobin, Bruno; Van Huylenbroeck, Johan; Heungens, Kurt.

Identification of a second genotype within european populations of Cylindrocladium buxicola. / Gehesquière, Bjorn; Rys, Filip; Maes, Martine; Gobin, Bruno; Van Huylenbroeck, Johan; Heungens, Kurt.

Susceptibility screening of various Buxus cultivars to Cylindrocladium buxicola. / Gehesquière, Bjorn; Rys, Filip; Maes, Martine; Gobin, Bruno; Van Huylenbroeck, Johan; Heungens, Kurt.
Quantitative trait loci mapping in a diploid rose population for pathotype specific powdery mildew resistance. / Hosseini Moghaddam, Hossein; Leus, Leen; De Riek, Jan; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Embryogenic callus formation from the petioles of Spathiphyllum wallisii. / Lakshmanan, Prabhu Shankar; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Micronucleation in developing Spathiphyllum wallisii regel microspores for microprotoplast preparation. / Lakshmanan, Prabhu Shankar; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Bockstaele, Erik; Khrustaleva, Ludmila I.
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Disease resistance screening in roses: different approaches lead to more knowledge. / Leus, Leen; Hosseini Moghaddam, Hossein; Van Huylenbroeck, Johan.
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Genome sizes in a breeders' collection of azalea (Rhododendron spp.). / Leus, Leen; Van Huylenbroeck, Johan.
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Polyploidy breeding in vitro: experiences with ornamentals. / Leus, Leen; Eeckhaut, Tom; Dhooghe, Emmy; Van Labeke, Marie-Christine; Van Laere, Katrijn; Van Huylenbroeck, Johan.
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Isolation of jasmonic acid related gene fragments and validation of qPCR primers for gene expression analysis in Rhododendron simsii hybrids upon broad mite infection. / Luypaert, Gil; De Keyser, Ellen; Van Huylenbroeck, Johan; De Riek, Jan; De Clercq, Patrick.
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Research output: Contribution to conference › Poster › Research › peer-review

Construction of a genetic linkage map with SSR, AFLP and morphological markers to locate QTLs controlling pathotype-specific powdery mildew resistance in diploid roses. / Moghaddam, Hossein Hosseini; Leus, Leen; De Riek, Jan; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Use of 2n gametes in plant breeding. / Dewitte, Angelo; Van Laere, Katrijn; Van Huylenbroeck, Johan.
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Development of an optimal culture system for callogenesis of Chrysanthemum indicum protoplasts. / Eeckhaut, T.; Van Huylenbroeck, J.
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An integrated approach to overcome incongruity in woody ornamentals. / Van Laere, Katrijn; De Keyser, Ellen; Eeckhaut, Tom; Calsyn, Evelien; Van Huylenbroeck, Johan.
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Cytogenetic mapping of candidate genes involved in drought resistance in a diploid Rosa wichurana x Rosa 'Yesterday' population using tyramide-FISH. / Van Laere, Katrijn; Kirov, Ilya; De Keyser, Ellen; Razavi, Farzaneh; Khrustaleva, Ludmila; Van Huylenbroeck, Johan.
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Research output: Contribution to conference › Published abstract › Research › peer-review

Genetic relationships in European and Asiatic Buxus species based on AFLP markers, genome sizes and chromosome numbers. / Van Laere, K.; Hermans, D.; Leus, L.; Van Huylenbroeck, J.
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Introgression of yellow flower colour in Buddleja davidii by means of polyploidisation and interspecific hybridisation. / Van Laere, K.; Van Huylenbroeck, J.; Van Bockstaele, E.
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Unreduced gametes as a potential source of genetic variation in ornamentals. / Van Laere, Katrijn; Dewitte, Angelo; Van Huylenbroeck, Johan.
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Induction of 2n pollen formation in *Begonia* by trifluralin and N₂O treatments. / Dewitte, A.; Eeckhaut, T.; Van Huylenbroeck, J.; Van Bockstaele, E.
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Inheritance of 2n pollen formation in an F₁ and F₂ population of *Begonia hybrids*. / Dewitte, Angelo; Van Laere, Katrijn; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Meiotic aberrations during 2n pollen formation in *Begonia*. / Dewitte, A.; Eeckhaut, T.; Van Huylenbroeck, J.; Van Bockstaele, E.
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Concept/Laboratory Exercise: Embryo rescue. / Eeckhaut, Tom; Van Laere, Katrijn; Van Huylenbroeck, Johan.
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Pathotype dependent resistance mapping for powdery mildew in a diploid rose population. / Hosseini Moghaddam, Hossein; Leus, Leen; Van Huylenbroeck, Johan; Van Bockstaele, Erik; De Riek, Jan.
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Pathotype-specific powdery mildew resistance in roses. / Leus, Leen; Hosseini Moghaddam, Hossein; Van Huylenbroeck, Johan.
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Breeding strategies for woody ornamentals. / Van Huylenbroeck, Johan; Van Laere, Katrijn.
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Detection, induction and inheritance of unreduced gametes in Begoniaceae. / Van Huylenbroeck, Johan; Dewitte, Angelo; Van Bockstaele, Erik.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract › Research

Status of floriculture in Europe. / Van Huylenbroeck, Johan.
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Application of GISH to characterise *Buddleja* and *Hibiscus* hybrids. / Van Laere, Katrijn; Khrustaleva, Ludmila; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Histogenic analysis of chemically induced mixoploids in Spathiphyllum wallisii. / Vanstechelman, I.; Eeckhaut, T.; Van Huylenbroeck, J.; Van Labeke, M.C.
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Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

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Developing resistance to powdery mildew (Podosphaera pannosa (Wallr.: Fr.) de Bary): A challenge for rose breeders. / Leus, Leen; Van Huylenbroeck, Johan.
Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology › Research › peer-review

Flow cytometry for plant breeding. / Leus, Leen; Van Laere, Katrijn; Dewitte, Angelo; Van Huylenbroeck, Johan.
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Evidence for the occurrence of unreduced gametes in interspecific hybrids of Hibiscus. / Van Laere, K.; Dewitte, A.; Van Huylenbroeck, J.; Van Bockstaele, E.
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Interploidy crosses and occurrence of unreduced gametes in Buddleja. / Van Laere, Katrijn; Leus, Leen; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Interspecific hybridisation and genome size analysis in Buddleja. / Van Laere, K.; Leus, L.; Van Huylenbroeck, J.; Van Bockstaele, E.
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Morphological and anatomical characterisation of chemically induced polyploids in Spathiphyllum wallisii. / Vanstechelman, Ives; Vansteenkiste, Hein; Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Labeke, Marie-Christine.
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The use of chlorophyll fluorescence imaging to evaluate the effect of cold stress for industrial chicory. / Devacht, S; Lootens, P; Roldan-Ruiz, I; Carlier, L; Baert, Joost; Van Huylenbroeck, J; Van Waes, J; Van Bockstaele, E.

Flow cytometric detection of unreduced pollen in Begonia. / Dewitte, A.; Eeckhaut, Tom; Van Huylenbroeck, J.; Van Bockstaele, E.


Interspecific hybridisation in woody ornamentals: how to deal with barriers? / Eeckhaut, Tom; Van Huylenbroeck, Johan; Van Laere, Katrijn; Van Bockstaele, Erik.

Overcoming interspecific barriers in plant breeding. / Eckhart, Tom; Van Laere, Katrijn; De Riek, Jan; Van Huylenbroeck, Johan.

Podosphaera pannosa (syn. Sphaerotheca pannosa) on Rosa and Prunus spp.: Characterization of pathotypes by differential plant reactions and ITS sequences. / Leus, L; Dewitte, A; Van Huylenbroeck, J; Vanhoutte, N; Van Bockstaele, E; Hofte, M.

Breeding strategies to increase genetic variability in Hibiscus syriacus. / Van Laere, Katrijn; Van Huylenbroeck, Johan; Van Bockstaele, Erik.

Karyotyping of Hydrangea species by 45S rDNA FISH and computer-aided chromosome analysis. / Van Laere, Katrijn; Van Huylenbroeck, Johan; Van Bockstaele, Erik.

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**Araceae embryos as tools for ploidy manipulation and somatic fusion.** / Eeckhaut, Tom; Werbrouck, Stefaan; Wielowska, Joanna; van Huylenbroeck, Johan.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

**Exploitation of flow cytometry for plant breeding.** / Eeckhaut, T; Leus, L; Van Huylenbroeck, J.
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**GENEROSE: Genetic evaluation of European rose resources for conservation and horticultural use.** / Van Huylenbroeck, J; Smulders, MJM; Debener, T; Nybom, H; Gudin, S; Cox, P; Crespel, L; De Riek, Jan.
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**Interploidy crosses in roses: use of triploids.** / Van Huylenbroeck, J; Leus, Leen; Van Bockstaele, E.
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**In vitro and microscopic tools for interspecific hybridisation in woody ornamentals.** / Van Laere, Katrijn; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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**Interspecific hybridization between Hibiscus syriacus L. and Hibiscus paramutabilis Bailey.** / Eeckhaut, TGR; Van Huylenbroeck, JM; De Riek, Jan; Van Bockstaele, E.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

**Molecular evaluation of a collection of rose species and cultivars by AFLP, ITS, rbcl and matK.** / Leus, Leen; Jeanneteau, Fabienne; Van Huylenbroeck, Johan; Van Bockstaele, Erik; De Riek, Jan.
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**AFLP-based identification procedures for woody ornamentals.** / Van Huylenbroeck, JM; Calsyn, E; Jeanneteau, Fabienne; Van Huylenbroeck, Johan; Van Bockstaele, Erik; De Riek, Jan; Van Bockstaele, E.
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**Interspecific hybridisation in flowering shrubs.** / Van Huylenbroeck, J; Van Laere, K; Eeckhaut, T; Van Bockstaele, E.
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**Interspecific hybridisation in flowering shrubs.** / Van Huylenbroeck, Johan; Van Laere, Katrijn; Eeckhaut, Tom; Van Bockstaele, Erik.
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**Embryo rescue and in vitro polyploidisation as tools for overcoming postfertilisation barriers in interspecific crosses.** / Van Laere, Katrijn; Van Huylenbroeck, Johan; Van Bockstaele, Erik.
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Genetic variation in the endangered wild apple (Malus sylvestris (L.) Mill.) in Belgium as revealed by amplified fragment length polymorphism and microsatellite markers. / Coart, Els; Vekemans, Xavier; Smulders, Marinus J M; Wagner, Iris; Van Huylenbroeck, Johan; Van Bockstaele, Erik; Roldán-Ruiz, Isabel.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Bioassays for resistance screening in commercial rose breeding. / Leus, L; Van Huylenbroeck, J; Van Bockstaele, E; Hofte, M.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

Powdery mildew on roses: pathotype screening. / Leus, L; Van Huylenbroeck, J; Van Bockstaele, E; Hofte, M.
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Preparation of microplants for ex vitro establishment. / Debergh, PC; Topoonyanont, N; Van Huylenbroeck, J; da Silva, HM; Oyaert, E.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

Genetic relationships among Hibiscus syriacus, Hibiscus sinosyriacus and Hibiscus paramutabilis revealed by AFLP, morphology and ploidy analysis. / Van Huylenbroeck, JM; De Riek, J; De Loose, M.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Monitoring quality of micropropagated plants during acclimatization. / Van Huylenbroeck, JM; Debergh, PC.
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The evolution of photosynthetic capacity and the antioxidant enzymatic system during acclimatization of micropropagated Calathea plants. / Van Huylenbroeck, Johan; Piqueras, Abel; Debergh, Pierre.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Clivia miniata Regel: control of plant development and flowering. / Van Huylenbroeck, Johan.
Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology › Research
Photosynthetic characteristics of perennial ryegrass and red fescue turf-grass cultivars. / Van Huyslenbroeck, JM; Lootens, P; Van Bockstaele, E.
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Carbohydrate partitioning and metabolism during acclimatization of micropropagated Calathea. / Piqueras, A; van Huyslenbroeck, JM; Han, BH; Debergh, PC.
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Effect of different environmental conditions in vitro on sucrose metabolism and antioxidant enzymatic activities in cultured shoots of Nicotiana tabacum L. / Piqueras, A; Han, BH; Van Huyslenbroeck, JM; Debergh, PC.
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Time course of catalase and superoxide dismutase during acclimatization and growth of micropropagated Calathea and Spathiphyllum plants. / van Huyslenbroeck, JM; van Laere, IMB; Piqueras, A; Debergh, PC; Bueno, P.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology › Research

Photosynthesis and carbon metabolism in leaves formed prior and during ex vitro acclimatization of micropropagated plants. / Van Huyslenbroeck, JM; Piqueras, A; Debergh, PC.
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Influence of photoperiod and light intensity on growth and flowering of Cuphea hyssopifolia HBK. / Huys, K; Van Huyslenbroeck, Johan; Debergh, Pierre.
Research output: Contribution to journal › A2: International peer reviewed article (not A1-type) › Research › peer-review

Effects of light intensity on photosynthesis and toxic O-2 scavenging enzymes during acclimatization of micropropagated Calathea. / Van Huyslenbroeck, JM; Piqueras, A; Debergh, PC.
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Impact of sugar concentration in vitro on photosynthesis and carbon metabolism during ex vitro acclimatization of Spathiphyllum plantlets. / Van Huyslenbroeck, Johan; Debergh, Pierre.
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Influence of temperature and supplementary lighting on growth and flower initiation of Clivia miniata Regel. / deSmedt, Veerle; Van Huyslenbroeck, Johan; Debergh, Pierre.
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Photoinhibition during acclimatization of micropropagated Spathiphyllum Petite plantlets. / Van Huyslenbroeck, Johan; Huygens, H; Debergh, PC.
Sugar and starch metabolism during ex-vitro rooting and acclimatization of micropropagated *Spathiphyllum Petite plantlets*. / Van Huylenbroeck, Johan; De Riek, Jan.
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Acclimatization of micropropagated roses in multi-layer-cells - effect of different stage-III conditions and CO₂-enrichment. / De Riek, Jan; Van Huylenbroeck, Johan.
Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology › Research › peer-review

Influence of paclobutrazol and photoperiod on growth and flowering of *Gardenia jasminoides* Ellis cultivar Veitchii. / Debaerdemaeker, CI; Van Huylenbroeck, Johan; Debergh, Pierre.
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Influence of light stress during the acclimatization of in vitro plantlets. / Van Huylenbroeck, Johan.
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Year-round production of flowering *Calathea crocata* - influence of light and carbon-dioxide. / Van Huylenbroeck, Johan; Debergh, PC.
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Ecological and physiological aspects of tissue cultured plants. / Debergh, Pierre; Demeester, Jan; De Riek, Jan; Gillis, Sunna; Van Huylenbroeck, Johan.
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