Magda-Viola Hanke

List of Publications by Year
in descending order

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113	2,930	147566	205818
papers	citations	31 h-index	48 g-index

120	120	120	2257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into the susceptibility of raspberries to Drosophila suzukii oviposition. Journal of Applied Entomology, 2021, 145, 182-190.	0.8	7
2	Toward Systematic Understanding of Flower Bud Induction in Apple: A Multi-Omics Approach. Frontiers in Plant Science, 2021, 12, 604810.	1.7	12
3	Transcriptional profile of AvrRpt2EA-mediated resistance and susceptibility response to Erwinia amylovora in apple. Scientific Reports, 2021, 11, 8685.	1.6	4
4	No Evidence of Unexpected Transgenic Insertions in T1190 â€“ A Transgenic Apple Used in Rapid Cycle Breeding â€“ Following Whole Genome Sequencing. Frontiers in Plant Science, 2021, 12, 715737.	1.7	2
5	Self-incompatibility of raspberry cultivars assessed by SSR markers. Scientia Horticulturae, 2021, 288, 110384.	1.7	2
6	The MADS-Box Gene MdDAM1 Controls Growth Cessation and Bud Dormancy in Apple. Frontiers in Plant Science, 2020, 11, 1003.	1.7	38
7	Introgressing blue mold resistance into elite apple germplasm by rapid cycle breeding and foreground and background DNA-informed selection. Tree Genetics and Genomes, 2020, 16, 1.	0.6	16
8	SSR fingerprinting of raspberry cultivars traded in Germany clearly showed that certainty about the genotype authenticity is a prerequisite for any horticultural experiment. European Journal of Horticultural Science, 2020, 85, 79-85.	0.3	8
9	Physiological, biochemical and genetic responses of Caucasian tea (Camellia sinensis(L.) Kuntze) genotypes under cold and frost stress. PeerJ, 2020, 8, e9787.	0.9	18
10	A comparison of genetic stability in tea [Camellia sinensis (L.) Kuntze] plantlets derived from callus with plantlets from long-term in vitro propagation. Plant Cell, Tissue and Organ Culture, 2019, 138, 467-474.	1.2	17
11	Evaluation of Malus genetic resources for tolerance to apple replant disease (ARD). Scientia Horticulturae, 2019, 256, 108517.	1.7	38
12	High crop load and low temperature delay the onset of bud initiation in apple. Scientific Reports, 2019, 9, 17986.	1.6	13
13	Mapping of fire blight resistance in Malus Ã—robusta 5 flowers following artificial inoculation. BMC Plant Biology, 2019, 19, 532.	1.6	24
14	Evaluation of Malus gene bank resources with German strains of Marssonina coronaria using a greenhouse-based screening method. European Journal of Plant Pathology, 2019, 153, 743-757.	0.8	7
15	Genes Involved in Stress Response and Especially in Phytoalexin Biosynthesis Are Upregulated in Four Malus Genotypes in Response to Apple Replant Disease. Frontiers in Plant Science, 2019, 10, 1724.	1.7	27
16	Inoculation of Malus genotypes with a set of Erwinia amylovora strains indicates a geneâ€forâ€gene relationship between the effector gene eop1 and both Malus floribunda 821 and Malus â€˜Everesteâ€™. Plant Pathology, 2018, 67, 938-947.	1.2	22
17	Generation of advanced fire blight-resistant apple (Malusâ€‰Ã—â€‰domestica) selections of the fifth generation within 7Âyears of applying the early flowering approach. Planta, 2018, 247, 1475-1488.	1.6	38
18	Apple cultivar Regia possessing both Rvi2 and Rvi4 resistance genes is the source of a new race of Venturia inaequalis. European Journal of Plant Pathology, 2018, 151, 533-539.	0.8	8

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19	Towards map-based cloning of FB_Mfu10: identification of a receptor-like kinase candidate gene underlying the Malus fusca fire blight resistance locus on linkage group 10. Molecular Breeding, 2018, 38, 106.	1.0	28
20	A Single Effector Protein, AvrRpt2_{EA}, from Erwinia amylovora Can Cause Fire Blight Disease Symptoms and Induces a Salicylic Acidâ€“Dependent Defense Response. Molecular Plant-Microbe Interactions, 2018, 31, 1179-1191.	1.4	19
21	Evaluation of Rubus genetic resources on their resistance to cane disease. Genetic Resources and Crop Evolution, 2018, 65, 1979-1993.	0.8	4
22	SSR fingerprinting of a German Rubus collection and pedigree based evaluation on trueness-to-type. Genetic Resources and Crop Evolution, 2017, 64, 189-203.	0.8	18
23	To what extent do wild apples in Kazakhstan retain their genetic integrity?. Tree Genetics and Genomes, 2017, 13, 1.	0.6	26
24	Spatial and Temporal Localization of Flavonoid Metabolites in Strawberry Fruit (Fragaria Ã—) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	41
25	Cryopreservation of fruit germplasm. In Vitro Cellular and Developmental Biology - Plant, 2017, 53, 372-381.	0.9	21
26	Fire blight resistance of Malus Ã—arnoldiana is controlled by a quantitative trait locus located at the distal end of linkage group 12. European Journal of Plant Pathology, 2017, 148, 1011-1018.	0.8	32
27	Evaluation of a MdMYB10/GFP43 fusion gene for its suitability to act as reporter gene in promoter studies in Fragaria vesca L. â€˜RÃ¼genâ€™. Plant Cell, Tissue and Organ Culture, 2017, 130, 345-356.	1.2	4
28	Himbeere und Brombeere (Rubus spp.). , 2017, , 353-384.		1
29	<scp>TERMINAL FLOWER</scp>1 is a breeding target for a novel everbearing trait and tailored flowering responses in cultivated strawberry (FragariaÃÃ—Ãananassa Duch.). Plant Biotechnology Journal, 2016, 14, 1852-1861.	4.1	52
30	Molecular and flow cytometric evaluation of pear (Pyrus L.) genetic resources of the German and Romanian national fruit collections. Genetic Resources and Crop Evolution, 2016, 63, 1023-1033.	0.8	19
31	Efficient heat-shock removal of the selectable marker gene in genetically modified grapevine. Plant Cell, Tissue and Organ Culture, 2016, 124, 471-481.	1.2	37
32	Transgenic apple plants overexpressing the chalcone 3-hydroxylase gene of Cosmos sulphureus show increased levels of 3-hydroxyphloridzin and reduced susceptibility to apple scab and fire blight. Planta, 2016, 243, 1213-1224.	1.6	35
33	Homologs of the FB_MR5 fire blight resistance gene of Malus Ã—robusta 5 are present in other Malus wild species accessions. Tree Genetics and Genomes, 2016, 12, 1.	0.6	5
34	Resistance and systemic dispersal of Xanthomonas fragariae in strawberry germplasm (Fragaria L.). Plant Pathology, 2015, 64, 71-80.	1.2	20
35	Integration of Bp<scp>MADS</scp>4 on various linkage groups improves the utilization of the rapid cycle breeding system in apple. Plant Biotechnology Journal, 2015, 13, 246-258.	4.1	20
36	The fire blight resistance QTL of Malus fusca (Mfu10) is affected but not broken down by the highly virulent Canadian Erwinia amylovora strain E2002A. European Journal of Plant Pathology, 2015, 141, 631-635.	0.8	16

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37	Improving resistance of different apple cultivars using the Rvi6 scab resistance gene in a cisgenic approach based on the Flp/FRT recombinase system. Molecular Breeding, 2015, 35, 1.	1.0	44
38	Heat mediated silencing of MdTFL1 genes in apple (MalusÂÃ—Âdomestica). Plant Cell, Tissue and Organ Culture, 2015, 123, 511-521.	1.2	10
39	Evaluation of strawberry (<scp>F</scp>ragaria L.) genetic resources for resistance to <scp>B</scp>otrytis cinerea. Plant Pathology, 2015, 64, 396-405.	1.2	23
40	Identification of a major quantitative trait locus for resistance to fire blight in the wild apple species Malus fusca. Molecular Breeding, 2014, 34, 407-419.	1.0	50
41	Engineering fire blight resistance into the apple cultivar â€˜Galaâ€™ using the <scp>FB</scp>_<scp>MR</scp>5 <scp>CC</scp>â€<scp>NBS</scp>â€<scp>LRR</scp> resistance gene of MalusÂÃ—Ârobusta 5. Plant Biotechnology Journal, 2014, 12, 728-733.	4.1	70
42	Premature and ectopic anthocyanin formation by silencing of anthocyanidin reductase in strawberry (FragariaÂÃ—Âananassa). New Phytologist, 2014, 201, 440-451.	3.5	57
43	QTL mapping of fire blight resistance in Malus Ã—robusta 5 after inoculation with different strains of Erwinia amylovora. Molecular Breeding, 2014, 34, 217-230.	1.0	31
44	A diallel crossing approach aimed on selection for ripening time and yield in breeding of new strawberry (FragariaÃ—ananassaDuch.) cultivars. Plant Breeding, 2014, 133, 115-120.	1.0	14
45	Phenotypic and genetic analysis of the German Malus Germplasm Collection in terms of type 1 and type 2 red-fleshed apples. Gene, 2014, 544, 198-207.	1.0	15
46	DEVELOPMENT OF APPLE PRE-BREEDING GENOTYPES HIGHLY RESISTANT TO FIRE BLIGHT BY EARLY FLOWERING. Acta Horticulturae, 2014, , 55-64.	0.1	1
47	COMPARATIVE MAPPING OF FIRE BLIGHT RESISTANCE IN MALUS. Acta Horticulturae, 2014, , 47-51.	0.1	6
48	BIPHENYLS AND DIBENZOFURANS - FIRE BLIGHT-INDUCED PHYTOALEXINS OF PEAR. Acta Horticulturae, 2014, , 181-185.	0.1	0
49	INVESTIGATION ON FIRE BLIGHT RESISTANCE IN THE CROSS POPULATION 'IDARED' Ã— MALUS Ã—ROBUSTA 5 WITH DIFFERENT ERWINIA AMYLOVORA STRAINS. Acta Horticulturae, 2014, , 277-280.	0.1	1
50	EVIDENCE OF A MAJOR QTL FOR FIRE BLIGHT RESISTANCE IN THE APPLE WILD SPECIES MALUS FUSCA. Acta Horticulturae, 2014, , 289-293.	0.1	14
51	FB-MR5 IS AN APPLE GENE PROVIDING RESISTANCE TO FIRE BLIGHT. Acta Horticulturae, 2014, , 273-276.	0.1	1
52	FRUIT GENETIC RESOURCES MANAGEMENT: COLLECTION, CONSERVATION, EVALUATION AND UTILIZATION IN GERMANY. Acta Horticulturae, 2014, , 231-234.	0.1	4
53	THE "GERMAN NATIONAL FRUIT GENEBANK", A FIRST REVIEW FIVE YEARS AFTER LAUNCHING. Acta Horticulturae, 2014, , 227-230.	0.1	0
54	Phytoalexin formation in fire blight-infected apple. Trees - Structure and Function, 2013, 27, 477-484.	0.9	27

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55	The Fast-track breeding approach can be improved by heat-induced expression of the FLOWERING LOCUS T genes from poplar (Populus trichocarpa) in apple (Malus Ã— domestica Borkh.). Plant Cell, Tissue and Organ Culture, 2013, 115, 127-137.	1.2	52
56	Assessment of phenotypic variation of Malus orientalis in the North Caucasus region. Genetic Resources and Crop Evolution, 2013, 60, 1463-1477.	0.8	23
57	Studies on heat shock induction and transgene expression in order to optimize the Flp/FRT recombinase system in apple (MalusÂÃ—Âdomestica Borkh.). Plant Cell, Tissue and Organ Culture, 2013, 115, 457-467.	1.2	13
58	Geneâ€forâ€gene relationship in the hostâ€“pathogen system <scp>M</scp>alusÂÃ—Ârobusta 5â€“<scp>E</scp>rwinia amylovora. New Phytologist, 2013, 197, 1262-1275.	3.5	88
59	BREEDING OF RESISTANT STRAWBERRY CULTIVARS FOR ORGANIC FRUIT PRODUCTION - PRELIMINARY RESULTS WITH BOTRYTIS CINEREA. Acta Horticulturae, 2013, , 87-90.	0.1	4
60	CISGENIC APPROACH FOR IMPROVED DISEASE RESISTANCE IN APPLE. Acta Horticulturae, 2013, , 117-121.	0.1	2
61	PRELIMINARY RESULTS TO ESTABLISH A SPEED-BREED PROGRAM BASED ON HEAT-INDUCED PRECOCIOUS FLOWERING OF APPLE PLANTS CONTAINING THE FLOWERING LOCUS T GENE FROM POPLAR (POPULUS) Tj ETQq1 0 0.784314 rgBT /Overlock 10 Tf 50		
62	QTL MAPPING FOR RESISTANCE TO FIRE BLIGHT USING SEVERAL ERWINIA AMYLOVORA STRAINS RESULTING IN DIFFERENT HOST-PATHOGEN INTERACTIONS. Acta Horticulturae, 2013, , 509-512.	0.1	0
63	RNA-Mediated Gene Silencing Signals Are Not Graft Transmissible from the Rootstock to the Scion in Greenhouse-Grown Apple Plants Malus sp.. International Journal of Molecular Sciences, 2012, 13, 9992-10009.	1.8	28
64	Differential Expression of Biphenyl Synthase Gene Family Members in Fire-Blight-Infected Apple â€˜Holsteiner Coxâ€™. Plant Physiology, 2012, 158, 864-875.	2.3	42
65	BIOTECHNOLOGICAL APPROACHES TO SHORTEN THE JUVENILE PERIOD IN FRUIT TREES. Acta Horticulturae, 2012, , 309-314.	0.1	1
66	Functional Genomics of Flowering Time in Trees. , 2012, , 39-69.		5
67	The MdTFL1 gene of apple (Malus x domestica Borkh.) reduces vegetative growth and generation time. Tree Physiology, 2012, 32, 1288-1301.	1.4	91
68	The role of Schmidt â€˜Antonovkaâ€™ in apple scab resistance breeding. Tree Genetics and Genomes, 2012, 8, 627-642.	0.6	14
69	Use of a transgenic early flowering approach in apple (MalusÂÃ—Âdomestica Borkh.) to introgress fire blight resistance from cultivar Evereste. Molecular Breeding, 2012, 30, 857-874.	1.0	39
70	Heat-shock-mediated elimination of the nptII marker gene in transgenic apple (MalusÃ—domestica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	32
71	Chitinase activities, scab resistance, mycorrhization rates and biomass of own-rooted and grafted transgenic apple. Genetics and Molecular Biology, 2012, 35, 466-473.	0.6	9
72	GENETIC CONTROL OF FLOWER DEVELOPMENT IN APPLE AND THE UTILISATION OF TRANSGENIC EARLY FLOWERING APPLE PLANTS IN BREEDING. Acta Horticulturae, 2012, , 29-34.	0.1	0

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73	Formation of biphenyl and dibenzofuran phytoalexins in the transition zones of fire blight-infected stems of Malus domestica cv. â€˜Holsteiner Coxâ€™ and Pyrus communis cv. â€˜Conferenceâ€™. Phytochemistry, 2012, 77, 179-185.	1.4	57
74	Silencing of flavanone-3-hydroxylase in apple (MalusÂÃ—Âdomestica Borkh.) leads to accumulation of flavanones, but not to reduced fire blight susceptibility. Plant Physiology and Biochemistry, 2012, 51, 18-25.	2.8	32
75	Substrate specificity and contribution of the glycosyltransferase UGT71A15 to phloridzin biosynthesis. Trees - Structure and Function, 2012, 26, 259-271.	0.9	23
76	Molecular analysis of Iranian seedless barberries via SSR. Scientia Horticulturae, 2011, 129, 702-709.	1.7	14
77	BIPHENYL AND DIBENZOFURAN FORMATION IN FIRE BLIGHT-INFECTED MALUS DOMESTICA CULTIVARS. Acta Horticulturae, 2011, , 547-553.	0.1	0
78	INOCULATION OF MALUS Ã— ROBUSTA 5 PROGENY WITH A STRAIN BREAKING RESISTANCE TO FIRE BLIGHT REVEALS A MINOR QTL ON LG5. Acta Horticulturae, 2011, , 357-362.	0.1	31
79	Application of a high-speed breeding technology to apple (Malusâ€ƒÃ—â€ƒdomestica) based on transgenic early flowering plants and marker-assisted selection. New Phytologist, 2011, 192, 364-377.	3.5	141
80	Note added in proof to: Over-expression of an FT-homologous gene of apple induces early flowering in annual and perennial plants. Planta, 2011, 233, 217-218.	1.6	8
81	Transgenic Fruit Crops in Europe. , 2011, , 125-145.		2
82	Overexpression of LEAFY in apple leads to a columnar phenotype with shorter internodes. Planta, 2010, 231, 251-263.	1.6	50
83	Transgenic apple plants overexpressing the Lc gene of maize show an altered growth habit and increased resistance to apple scab and fire blight. Planta, 2010, 231, 623-635.	1.6	46
84	Over-expression of an FT-homologous gene of apple induces early flowering in annual and perennial plants. Planta, 2010, 232, 1309-1324.	1.6	144
85	Fruit Crops. Biotechnology in Agriculture and Forestry, 2010, , 307-348.	0.2	8
86	Erwinia amylovora-induced defense mechanisms of two apple species that differ in susceptibility to fire blight. Plant Science, 2010, 179, 60-67.	1.7	41
87	FIRST RESULTS ON THE EFFECT OF INCREASED CHITINASE EXPRESSION IN TRANSGENIC APPLE TREES ON MYCORRHIZATION WITH GLOMUS INTRARADICES AND G. MOSSEAE. Acta Horticulturae, 2009, , 719-724.	0.1	3
88	THE SWITCH TO FLOWERING: GENES INVOLVED IN FLORAL INDUCTION OF THE APPLE CULTIVAR 'PINOVA' AND THE ROLE OF THE FLOWERING GENE MdFT. Acta Horticulturae, 2009, , 701-705.	0.1	5
89	METABOLIC ENGINEERING OF FLAVONOID BIOSYNTHESIS IN APPLE (MALUS DOMESTICA BORKH.). Acta Horticulturae, 2009, , 511-516.	0.1	3
90	Shift in polyphenol profile and sublethal phenotype caused by silencing of anthocyanidin synthase in apple (Malus sp.). Planta, 2009, 229, 681-692.	1.6	61

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91	A review on transgenic approaches to accelerate breeding of woody plants. Plant Breeding, 2009, 128, 217-226.	1.0	130
92	RNAi-SILENCING OF MdTFL1 INDUCES EARLY FLOWERING IN APPLE. Acta Horticulturae, 2009, , 633-636.	0.1	9
93	STUDIES ON MRNA EXPRESSION OF GENES INVOLVED IN FLORAL MERISTEM TRANSITION OF APPLE (MALUS) Tj ETQq1 1 0.784314 r	0.1	0
94	IDENTIFICATION OF CULTIVABLE BACTERIA FROM IN VITRO CULTURES OF APPLE. Acta Horticulturae, 2009, , 733-738.	0.1	3
95	RATIO OF HOMOZYGOUS AND HETEROZYGOUS VF GENOTYPES IN THE PROGENIES OF APPLE VFVF X VFVF CROSSES. Acta Horticulturae, 2009, , 819-824.	0.1	3
96	PRELIMINARY RESULTS TO ESTABLISH THE DAAO SYSTEM AS AN ALTERNATIVE SELECTION STRATEGY ON APPLE. Acta Horticulturae, 2009, , 267-272.	0.1	4
97	VERIFYING THE PARENTS OF THE PILLNITZER APPLE CULTIVARS. Acta Horticulturae, 2009, , 319-324.	0.1	6
98	SYSTEMIC ACQUIRED SILENCING OF A GUSA TRANSGENE IN APPLE. Acta Horticulturae, 2009, , 393-396.	0.1	1
99	Transgenic expression of a viral EPSâ€depolymerase is potentially useful to induce fire blight resistance in apple. Annals of Applied Biology, 2008, 153, 345-355.	1.3	23
100	Isolation of flowering genes and seasonal changes in their transcript levels related to flower induction and initiation in apple (Malus domestica). Tree Physiology, 2008, 28, 1459-1466.	1.4	60
101	Evaluation of the uniformity and stability of T-DNA integration and gene expression in transgenic apple plants. Electronic Journal of Biotechnology, 2008, 11, 0-0.	1.2	28
102	IMPROVED FIRE BLIGHT RESISTANCE IN TRANSGENIC APPLE LINES BY CONSTITUTIVE OVEREXPRESSION OF THE mbr4 GENE OF MALUS BACCATA. Acta Horticulturae, 2008, , 287-291.	0.1	5
103	CONFIRMATION OF THE FIRE BLIGHT QTL OF MALUS Ã— ROBUSTA 5 ON LINKAGE GROUP 3. Acta Horticulturae, 2008, , 297-303.	0.1	36
104	Overexpression of BpMADS4 from silver birch (Betula pendula Roth.) induces early-flowering in apple (Malusï¿½×domestica Borkh.). Plant Breeding, 2007, 126, 137-145.	1.0	150
105	Strong evidence for a fire blight resistance gene of Malus robusta located on linkage group 3. Plant Breeding, 2007, 126, 470-475.	1.0	124
106	Maize Lc transcription factor enhances biosynthesis of anthocyanins, distinct proanthocyanidins and phenylpropanoids in apple (Malus domestica Borkh.). Planta, 2007, 226, 1243-1254.	1.6	92
107	ANALYSIS OF TISSUE UNIFORMITY IN TRANSGENIC APPLE PLANTS. Acta Horticulturae, 2007, , 301-306.	0.1	4
108	BPMADS4 - A MADS BOX GENE OF BIRCH INDUCES FLOWERS ON TRANSGENIC APPLE PLANTS IN VITRO. Acta Horticulturae, 2007, , 307-312.	0.1	2

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109	DEVELOPING MOLECULAR MARKERS FOR MARKER ASSISTED SELECTION OF FIRE BLIGHT RESISTANT APPLE SEEDLINGS. Acta Horticulturae, 2007, , 117-122.	0.1	3
110	TRANSCRIPTION PROFILING ON TRANSGENIC APPLE PLANTS AFTER OVER-EXPRESSION OF GENES, WHICH ARE INVOLVED IN THE FLOWER DEVELOPMENT. Acta Horticulturae, 2007, , 215-222.	0.1	1
111	Assessing gene flow in apple using a descendant ofMalus sieversiivar.sieversiif.niedzwetzkyanaas an identifier for pollen dispersal. Environmental Biosafety Research, 2006, 5, 89-104.	1.1	14
112	An Efficient Method for Rooting and Acclimation of Micropropagated Apple Cultivars. Hortscience: A Publication of the American Society for Hortcultural Science, 1998, 33, 1251-1252.	0.5	42
113	Klimawandel â€“ Ausrichtung der ZÃ¼chtung bei Obst. , 0, , .		0