

# Marinus J M Smulders

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

10,320  
citations

36271

51  
h-index

46771

89  
g-index

214  
all docs

214  
docs citations

214  
times ranked

11481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gluten quantity and quality in wheat and in wheat-derived products. , 2021, , 97-129.		1
2	Low Gluten and Coeliac-Safe Wheat Through Gene Editing. , 2021, , 231-248.		1
3	Exploring the alpha-glucosylated gliadin locus: the 33-mer peptide with six overlapping coeliac disease epitopes in <i>Triticum aestivum</i> is derived from a subgroup of <i>Aegilops tauschii</i> . <i>Plant Journal</i> , 2021, 106, 86-94.	2.8	8
4	Detection of ploidy and chromosomal aberrations in commercial oil palm using high-throughput SNP markers. <i>Planta</i> , 2021, 253, 63.	1.6	6
5	Genome editing of polyploid crops: prospects, achievements and bottlenecks. <i>Transgenic Research</i> , 2021, 30, 337-351.	1.3	39
6	Using probabilistic genotypes in linkage analysis of polyploids. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2443-2457.	1.8	5
7	Analysis of allelic variants of RhMLO genes in rose and functional studies on susceptibility to powdery mildew related to clade V homologs. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2495-2515.	1.8	6
8	The Use of Intellectual Property Systems in Plant Breeding for Ensuring Deployment of Good Agricultural Practices. <i>Agronomy</i> , 2021, 11, 1163.	1.3	6
9	Advanced genebank management of genetic resources of European wild apple, <i>Malus sylvestris</i> , using genome-wide SNP array data. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	6
10	Detecting quantitative trait loci and exploring chromosomal pairing in autopolyploids using polyqTLR. <i>Bioinformatics</i> , 2021, 37, 3822-3829.	1.8	18
11	Optimisation of droplet digital PCR for determining copy number variation of $\alpha$ -gliadin genes in mutant and gene-edited polyploid bread wheat. <i>Journal of Cereal Science</i> , 2020, 92, 102903.	1.8	23
12	CRISPR/Cas9 Gene Editing of Gluten in Wheat to Reduce Gluten Content and Exposure—Reviewing Methods to Screen for Coeliac Safety. <i>Frontiers in Nutrition</i> , 2020, 7, 51.	1.6	59
13	Genetic engineering at the heart of agroecology. <i>Outlook on Agriculture</i> , 2020, 49, 21-28.	1.8	22
14	Recent Progress and Recommendations on Celiac Disease From the Working Group on Prolamin Analysis and Toxicity. <i>Frontiers in Nutrition</i> , 2020, 7, 29.	1.6	34
15	Statement of the Prolamin Working Group on the Determination of Gluten in Fermented Foods Containing Partially Hydrolyzed Gluten. <i>Frontiers in Nutrition</i> , 2020, 7, 626712.	1.6	5
16	Using molecular markers in breeding: ornamentals catch up. <i>Acta Horticulturae</i> , 2020, , 49-54.	0.1	1
17	Outlook for coeliac disease patients: towards bread wheat with hypoimmunogenic gluten by gene editing of $\alpha$ - and $\beta$ -gliadin gene families. <i>BMC Plant Biology</i> , 2019, 19, 333.	1.6	75
18	Development of the GlutEnSeq capture system for sequencing gluten gene families in hexaploid bread wheat with deletions or mutations induced by $\gamma$ -irradiation or CRISPR/Cas9. <i>Journal of Cereal Science</i> , 2019, 88, 157-166.	1.8	28

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19	In the name of the rose: a roadmap for rose research in the genome era. <i>Horticulture Research</i> , 2019, 6, 65.	2.9	53
20	Some thoughts on how to use markers in tetraploid rose breeding. <i>Acta Horticulturae</i> , 2019, , 1-6.	0.1	2
21	Gene-Edited "Gluten-Safe"™ Wheat, and Policy Issues Regarding New Plant Breeding Techniques. , 2019, , 61-74.		1
22	polymap"linkage analysis and genetic map construction from F1 populations of outcrossing polyploids. <i>Bioinformatics</i> , 2018, 34, 3496-3502.	1.8	99
23	Oats in healthy gluten-free and regular diets: A perspective. <i>Food Research International</i> , 2018, 110, 3-10.	2.9	64
24	Food processing and breeding strategies for coeliac-safe and healthy wheat products. <i>Food Research International</i> , 2018, 110, 11-21.	2.9	35
25	How to Assure That Farmers Apply New Technology According to Good Agricultural Practice: Lessons From Dutch Initiatives. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	6
26	Development of Wheat With Hypoimmunogenic Gluten Obstructed by the Gene Editing Policy in Europe. <i>Frontiers in Plant Science</i> , 2018, 9, 1523.	1.7	50
27	New Developments in Molecular Techniques for Breeding in Ornamentals. <i>Handbook of Plant Breeding</i> , 2018, , 213-230.	0.1	5
28	Satellite DNA in <i>Paphiopedilum</i> subgenus <i>Parvisepalum</i> as revealed by high-throughput sequencing and fluorescent in situ hybridization. <i>BMC Genomics</i> , 2018, 19, 578.	1.2	15
29	A high-quality genome sequence of <i>Rosa chinensis</i> to elucidate ornamental traits. <i>Nature Plants</i> , 2018, 4, 473-484.	4.7	224
30	Partial preferential chromosome pairing is genotype dependent in tetraploid rose. <i>Plant Journal</i> , 2017, 90, 330-343.	2.8	72
31	New traits in crops produced by genome editing techniques based on deletions. <i>Plant Biotechnology Reports</i> , 2017, 11, 1-8.	0.9	67
32	Re-sequencing transgenic plants revealed rearrangements at T-DNA inserts, and integration of a short T-DNA fragment, but no increase of small mutations elsewhere. <i>Plant Cell Reports</i> , 2017, 36, 493-504.	2.8	46
33	Genome-wide association analysis for lodging tolerance and plant height in a diverse European hexaploid oat collection. <i>Euphytica</i> , 2017, 213, 1.	0.6	33
34	De Novo Assembly of Complete Chloroplast Genomes from Non-model Species Based on a K-mer Frequency-Based Selection of Chloroplast Reads from Total DNA Sequences. <i>Frontiers in Plant Science</i> , 2017, 8, 1271.	1.7	18
35	Profiling of Nutritional and Health-Related Compounds in Oat Varieties. <i>Foods</i> , 2016, 5, 2.	1.9	29
36	Why Oats Are Safe and Healthy for Celiac Disease Patients. <i>Medical Sciences (Basel, Switzerland)</i> , 2016, 4, 21.	1.3	37

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37	Genome-Wide Association Analysis of the Anthocyanin and Carotenoid Contents of Rose Petals. <i>Frontiers in Plant Science</i> , 2016, 7, 1798.	1.7	54
38	Population structure and genome-wide association analysis for frost tolerance in oat using continuous SNP array signal intensity ratios. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1711-1724.	1.8	48
39	Fine-scale spatial genetic structure in the frankincense tree <i>Boswellia papyrifera</i> (Del.) Hochst. and implications for conservation. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	8
40	Genetic diversity and genetic structure of Persian walnut ( <i>Juglans regia</i> ) accessions from 14 European, African, and Asian countries using SSR markers. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	45
41	High-density SNP-based genetic maps for the parents of an outcrossed and a selfed tetraploid garden rose cross, inferred from admixed progeny using the 68k rose SNP array. <i>Horticulture Research</i> , 2016, 3, 16052.	2.9	42
42	Opportunities for Products of New Plant Breeding Techniques. <i>Trends in Plant Science</i> , 2016, 21, 438-449.	4.3	216
43	Genetic diversity and differentiation of the frankincense tree ( <i>Boswellia papyrifera</i> (Del.) Hochst) across Ethiopia and implications for its conservation. <i>Forest Ecology and Management</i> , 2016, 360, 253-260.	1.4	21
44	TOWARDS THE ROSE GENOME SEQUENCE AND ITS USE IN RESEARCH AND BREEDING. <i>Acta Horticulturae</i> , 2015, , 167-175.	0.1	11
45	First successful reduction of clinical allergenicity of food by genetic modification: Mal d 1-silenced apples cause fewer allergy symptoms than the wild-type cultivar. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1406-1412.	2.7	37
46	DEVELOPMENT OF THE WAGRHSNP AXIOM SNP ARRAY BASED ON SEQUENCES FROM TETRAPLOID CUT ROSES AND GARDEN ROSES. <i>Acta Horticulturae</i> , 2015, , 177-184.	0.1	7
47	Understanding the role of oat $\beta$ -glucan in oat-based dough systems. <i>Journal of Cereal Science</i> , 2015, 62, 1-7.	1.8	33
48	Effect of kilning and milling on the dough-making properties of oat flour. <i>LWT - Food Science and Technology</i> , 2015, 63, 960-965.	2.5	25
49	Genomic sequencing and microsatellite marker development for <i>Boswellia papyrifera</i> , an economically important but threatened tree native to dry tropical forests. <i>AoB PLANTS</i> , 2015, 7, .	1.2	20
50	Spatial sorting and range shifts: Consequences for evolutionary potential and genetic signature of a dispersal trait. <i>Journal of Theoretical Biology</i> , 2015, 373, 92-99.	0.8	18
51	Using RNA-Seq to assemble a rose transcriptome with more than 13,000 full-length expressed genes and to develop the WagRhSNP 68k Axiom SNP array for rose ( <i>Rosa L.</i> ). <i>Frontiers in Plant Science</i> , 2015, 6, 249.	1.7	72
52	Landscape diversity enhances the resilience of populations, ecosystems and local economy in rural areas. <i>Landscape Ecology</i> , 2015, 30, 193-202.	1.9	43
53	Efficient development of highly polymorphic microsatellite markers based on polymorphic repeats in transcriptome sequences of multiple individuals. <i>Molecular Ecology Resources</i> , 2015, 15, 17-27.	2.2	39
54	New insights into domestication of carrot from root transcriptome analyses. <i>BMC Genomics</i> , 2014, 15, 895.	1.2	57

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55	Using multi-locus allelic sequence data to estimate genetic divergence among four <i>Lilium</i> (Liliaceae) cultivars. <i>Frontiers in Plant Science</i> , 2014, 5, 567.	1.7	9
56	Abiotic stress QTL in lettuce crop-wild hybrids: comparing greenhouse and field experiments. <i>Ecology and Evolution</i> , 2014, 4, 2395-2409.	0.8	28
57	Development of a standard test for dough-making properties of oat cultivars. <i>Journal of Cereal Science</i> , 2014, 59, 56-61.	1.8	14
58	The domestication and evolutionary ecology of apples. <i>Trends in Genetics</i> , 2014, 30, 57-65.	2.9	261
59	Reducing the incidence of allergy and intolerance to cereals. <i>Journal of Cereal Science</i> , 2014, 59, 337-353.	1.8	49
60	Genetically modified crops and sustainable agriculture: A proposed way forward in the societal debate. <i>Njas - Wageningen Journal of Life Sciences</i> , 2014, 70-71, 95-98.	7.9	9
61	A qRT-PCR assay for the expression of all Mal d 1 isoallergen genes. <i>BMC Plant Biology</i> , 2013, 13, 51.	1.6	39
62	Quantitative and qualitative differences in celiac disease epitopes among durum wheat varieties identified through deep RNA-amplicon sequencing. <i>BMC Genomics</i> , 2013, 14, 905.	1.2	41
63	Genetic diversity and differentiation in roses: A garden rose perspective. <i>Scientia Horticulturae</i> , 2013, 162, 320-332.	1.7	27
64	Phylogenetics of <i>Stelis</i> and closely related genera (Orchidaceae: Pleurothallidinae). <i>Plant Systematics and Evolution</i> , 2013, 299, 151-176.	0.3	26
65	Analysis of average standardized SSR allele size supports domestication of soybean along the Yellow River. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 763-776.	0.8	5
66	Postglacial recolonization history of the European crabapple ( <i>Malus sylvestris</i> ). <i>Journal of Biogeography</i> , 2013, 40, 2249-2263.	2.0	86
67	Efficient distinction of invasive aquatic plant species from non-invasive related species using DNA barcoding. <i>Molecular Ecology Resources</i> , 2013, 13, 21-31.	2.2	37
68	AFLP-based population structure analysis as a means to validate the complex taxonomy of dogroses ( <i>Rosa</i> section <i>Caninae</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 547-559.	1.2	28
69	Avenin diversity analysis of the genus <i>Avena</i> (oat). Relevance for people with celiac disease. <i>Journal of Cereal Science</i> , 2013, 58, 170-177.	1.8	54
70	Community genetics in the time of next-generation molecular technologies. <i>Molecular Ecology</i> , 2013, 22, 3198-3207.	2.0	25
71	Genomic and environmental selection patterns in two distinct lettuce crop-wild hybrid crosses. <i>Evolutionary Applications</i> , 2013, 6, 569-584.	1.5	23
72	The diploid origins of allopolyploid rose species studied using single nucleotide polymorphism haplotypes flanking a microsatellite repeat. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 85-92.	0.9	28

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73	Insight into the Genetic Components of Community Genetics: QTL Mapping of Insect Association in a Fast-Growing Forest Tree. <i>PLoS ONE</i> , 2013, 8, e79925.	1.1	18
74	New Insight into the History of Domesticated Apple: Secondary Contribution of the European Wild Apple to the Genome of Cultivated Varieties. <i>PLoS Genetics</i> , 2012, 8, e1002703.	1.5	334
75	HIGH THROUGHPUT MARKER DEVELOPMENT AND APPLICATION IN HORTICULTURAL CROPS. <i>Acta Horticulturae</i> , 2012, , 547-551.	0.1	8
76	SNP GENOTYPING IN TETRAPLOID CUT ROSES. <i>Acta Horticulturae</i> , 2012, , 351-356.	0.1	7
77	Hybridization between crops and wild relatives: the contribution of cultivated lettuce to the vigour of crop-wild hybrids under drought, salinity and nutrient deficiency conditions. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1097-1111.	1.8	23
78	Botanical DNA evidence in criminal cases: Knotgrass ( <i>Polygonum aviculare</i> L.) as a model species. <i>Forensic Science International: Genetics</i> , 2012, 6, 366-374.	1.6	18
79	Expansion of the gamma-gliadin gene family in <i>Aegilops</i> and <i>Triticum</i> . <i>BMC Evolutionary Biology</i> , 2012, 12, 215.	3.2	21
80	Celiac disease T-cell epitopes from gamma-gliadins: immunoreactivity depends on the genome of origin, transcript frequency, and flanking protein variation. <i>BMC Genomics</i> , 2012, 13, 277.	1.2	43
81	Crop to wild introgression in lettuce: following the fate of crop genome segments in backcross populations. <i>BMC Plant Biology</i> , 2012, 12, 43.	1.6	20
82	The mode of inheritance in tetraploid cut roses. <i>Theoretical and Applied Genetics</i> , 2012, 125, 591-607.	1.8	57
83	Wrong place, wrong time: climate change-induced range shift across fragmented habitat causes maladaptation and declined population size in a modelled bird species. <i>Global Change Biology</i> , 2012, 18, 2419-2428.	4.2	21
84	Genomic regions in crop-wild hybrids of lettuce are affected differently in different environments: implications for crop breeding. <i>Evolutionary Applications</i> , 2012, 5, 629-640.	1.5	24
85	A Bayesian analysis of gene flow from crops to their wild relatives: cultivated ( <i>Lactuca sativa</i> ) Tj ETQq1 1 0.784314 rgBT /Overl Molecular Ecology, 2012, 21, 2640-2654.	2.0	31
86	Landscape prerequisites for the survival of a modelled metapopulation and its neutral genetic diversity are affected by climate change. <i>Landscape Ecology</i> , 2012, 27, 227-237.	1.9	11
87	In Search of Hypoallergenic Birch Trees: Characterization of PR-10 Genes from Eight <i>Betula</i> Species and Detection of Bet v 1 Isoforms in Birch Pollen Using a Combined Genomics- Proteomics Approach. <i>Advanced Topics in Science and Technology in China</i> , 2012, , 335-346.	0.0	0
88	Acceptance of Natural and Genetically Modified Hypoallergenic Apples by Consumers with an Oral Allergy Syndrome (OAS). <i>Advanced Topics in Science and Technology in China</i> , 2012, , 401-408.	0.0	0
89	Consumer attitudes towards hypoallergenic apples that alleviate mild apple allergy. <i>Food Quality and Preference</i> , 2011, 22, 83-91.	2.3	34
90	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2010 - 30 September 2010. <i>Molecular Ecology Resources</i> , 2011, 11, 219-222.	2.2	48

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91	Rosa. , 2011, , 243-275.		17
92	Projected climate change causes loss and redistribution of genetic diversity in a model metapopulation of a mediumâ€good disperser. <i>Ecography</i> , 2011, 34, 920-932.	2.1	30
93	Natural variation in avenin epitopes among oat varieties: Implications for celiac disease. <i>Journal of Cereal Science</i> , 2011, 54, 8-12.	1.8	20
94	Dough quality of bread wheat lacking Î±-gliadins with celiac disease epitopes and addition of celiac-safe avenins to improve dough quality. <i>Journal of Cereal Science</i> , 2011, 53, 206-216.	1.8	27
95	Epigenetics in plant tissue culture. <i>Plant Growth Regulation</i> , 2011, 63, 137-146.	1.8	190
96	Genetic diversity and association mapping in a collection of selected Chinese soybean accessions based on SSR marker analysis. <i>Conservation Genetics</i> , 2011, 12, 1145-1157.	0.8	36
97	Towards a unified genetic map for diploid roses. <i>Theoretical and Applied Genetics</i> , 2011, 122, 489-500.	1.8	101
98	What's in a name; Genetic structure in <i>Solanum</i> section <i>Petota</i> studied using population-genetic tools. <i>BMC Evolutionary Biology</i> , 2011, 11, 42.	3.2	38
99	Proteomic analysis of the major birch allergen Bet v 1 predicts allergenicity for 15 birch species. <i>Journal of Proteomics</i> , 2011, 74, 1290-1300.	1.2	17
100	Genetic diversity and genetic similarities between Iranian rose species. <i>Journal of Horticultural Science and Biotechnology</i> , 2010, 85, 231-237.	0.9	13
101	Presence of celiac disease epitopes in modern and old hexaploid wheat varieties: wheat breeding may have contributed to increased prevalence of celiac disease. <i>Theoretical and Applied Genetics</i> , 2010, 121, 1527-1539.	1.8	149
102	Patterns of habitat occupancy, genetic variation and predicted movement of a flightless bush cricket, <i>Pholidoptera griseoptera</i> , in an agricultural mosaic landscape. <i>Landscape Ecology</i> , 2010, 25, 449-461.	1.9	16
103	Characterisation of sugar beet ( <i>Beta vulgaris</i> L. ssp. <i>vulgaris</i> ) varieties using microsatellite markers. <i>BMC Genetics</i> , 2010, 11, 41.	2.7	51
104	Impact of Urbanization on the Proteome of Birch Pollen and Its Chemotactic Activity on Human Granulocytes. <i>International Archives of Allergy and Immunology</i> , 2010, 151, 46-55.	0.9	52
105	Analysis of SSRs Uncovers Hierarchical Structure and Genetic Diversity in Chinese Soybean Landraces. <i>Agricultural Sciences in China</i> , 2010, 9, 1739-1748.	0.6	4
106	In search of tetraploid wheat accessions reduced in celiac disease-related gluten epitopes. <i>Molecular BioSystems</i> , 2010, 6, 2206.	2.9	52
107	Mass spectrometry and pollen allergies. <i>Expert Review of Proteomics</i> , 2010, 7, 627-630.	1.3	8
108	A Universal Approach to Eliminate Antigenic Properties of Alpha-Gliadin Peptides in Celiac Disease. <i>PLoS ONE</i> , 2010, 5, e15637.	1.1	68

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109	Isolation and characterization of six microsatellite loci in the larch budmoth <i>Zeiraphera diniana</i> (Lepidoptera: Tortricidae). <i>European Journal of Entomology</i> , 2010, 107, 267-269.	1.2	4
110	ANALYSIS OF A DATABASE OF DNA PROFILES OF 734 HYBRID TEA ROSE VARIETIES. <i>Acta Horticulturae</i> , 2009, , 169-175.	0.1	17
111	Tetraploid and hexaploid wheat varieties reveal large differences in expression of alpha-gliadins from homoeologous Gli-2 loci. <i>BMC Genomics</i> , 2009, 10, 48.	1.2	57
112	Characterization of PR-10 genes from eight <i>Betula</i> species and detection of Bet v 1 isoforms in birch pollen. <i>BMC Plant Biology</i> , 2009, 9, 24.	1.6	47
113	Removing celiac disease-related gluten proteins from bread wheat while retaining technological properties: a study with Chinese Spring deletion lines. <i>BMC Plant Biology</i> , 2009, 9, 41.	1.6	97
114	A modified extraction protocol enables detection and quantification of celiac disease-related gluten proteins from wheat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 975-982.	1.2	66
115	Development of SNP markers and haplotype analysis of the candidate gene for <i>rhg1</i> , which confers resistance to soybean cyst nematode in soybean. <i>Molecular Breeding</i> , 2009, 24, 63-76.	1.0	28
116	Darwin's wind hypothesis: does it work for plant dispersal in fragmented habitats?. <i>New Phytologist</i> , 2009, 183, 667-677.	3.5	59
117	Effects of landscape structure on genetic diversity of <i>Geum urbanum</i> L. populations in agricultural landscapes. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2009, 204, 549-559.	0.6	30
118	Pollen-mediated gene flow in maize tested for coexistence of GM and non-GM crops in the Netherlands: effect of isolation distances between fields. <i>Njas - Wageningen Journal of Life Sciences</i> , 2009, 56, 405-423.	7.9	15
119	Autosomal and sex-linked microsatellite loci in the green oak leaf roller <i>Tortrix viridana</i> L. (Lepidoptera, Tortricidae). <i>Molecular Ecology Resources</i> , 2009, 9, 809-811.	2.2	3
120	DNA barcoding discriminates the noxious invasive plant species, floating pennywort ( <i>Hydrocotyle</i> )	2.2	52
121	IN SEARCH OF GENETIC DIVERSITY IN <i>ROSA FOETIDA</i> HERRMANN IN IRAN. <i>Acta Horticulturae</i> , 2009, , 25-30.	0.1	5
122	Landscape genetics of fragmented forests: anticipating climate change by facilitating migration. <i>IForest</i> , 2009, 2, 128-132.	0.5	15
123	Indicators for biodiversity in agricultural landscapes: a pan-European study. <i>Journal of Applied Ecology</i> , 2008, 45, 141-150.	1.9	530
124	Natural hybridisation between <i>Populus nigra</i> L. and <i>P. x canadensis</i> Moench. Hybrid offspring competes for niches along the Rhine river in the Netherlands. <i>Tree Genetics and Genomes</i> , 2008, 4, 663-675.	0.6	62
125	Phylogenetic relationships in <i>Betula</i> (Betulaceae) based on AFLP markers. <i>Tree Genetics and Genomes</i> , 2008, 4, 911.	0.6	68
126	Genetic structure and diversity of cultivated soybean ( <i>Glycine max</i> (L.) Merr.) landraces in China. <i>Theoretical and Applied Genetics</i> , 2008, 117, 857-871.	1.8	165



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127	Staining efficiency of specific proteins depends on the staining method: Wheat gluten proteins. <i>Proteomics</i> , 2008, 8, 1880-1884.	1.3	8
128	Plant functional group composition and large-scale species richness in European agricultural landscapes. <i>Journal of Vegetation Science</i> , 2008, 19, 3-14.	1.1	111
129	Development of microsatellite markers in <i>Gonystylus bancanus</i> (Ramin) useful for tracing and tracking of wood of this protected species. <i>Molecular Ecology Resources</i> , 2008, 8, 168-171.	2.2	5
130	Prediction uncertainty of environmental change effects on temperate European biodiversity. <i>Ecology Letters</i> , 2008, 11, 235-244.	3.0	79
131	The origin and early development of wheat glutenin particles. <i>Journal of Cereal Science</i> , 2008, 48, 870-877.	1.8	16
132	AFLP markers as a tool to reconstruct complex relationships: A case study in <i>Rosa</i> (Rosaceae). <i>American Journal of Botany</i> , 2008, 95, 353-366.	0.8	143
133	Structure of the genetic diversity in black poplar ( <i>Populus nigra</i> L.) populations across European river systems: Consequences for conservation and restoration. <i>Forest Ecology and Management</i> , 2008, 255, 1388-1399.	1.4	116
134	The influence of perceived benefits on acceptance of GM applications for allergy prevention. <i>Health, Risk and Society</i> , 2008, 10, 263-282.	0.9	42
135	Detailed Analysis of the Expression of an Alpha-gliadin Promoter and the Deposition of Alpha-gliadin Protein During Wheat Grain Development. <i>Annals of Botany</i> , 2008, 102, 331-342.	1.4	38
136	Beyond Coeliac Disease Toxicity. , 2008, , 139-147.		3
137	Assignment Tests for Variety Identification Compared to Genetic Similarity-Based Methods Using Experimental Datasets from Different Marker Systems in Sugar Beet. <i>Crop Science</i> , 2007, 47, 1964-1974.	0.8	14
138	THE DIVERSITY OF AUTOCHTHONOUS ROSES IN FLANDERS (BELGIUM) IN THE VIEW OF THE EUROPEAN GENEROSE REFERENCE FRAMEWORK. <i>Acta Horticulturae</i> , 2007, , 621-628.	0.1	4
139	Microsatellite analysis of Damask rose ( <i>Rosa damascena</i> Mill.) accessions from various regions in Iran reveals multiple genotypes. <i>BMC Plant Biology</i> , 2007, 7, 12.	1.6	57
140	QTL identification for early blight resistance ( <i>Alternaria solani</i> ) in a <i>Solanum lycopersicum</i> – <i>S. arcanum</i> cross. <i>Theoretical and Applied Genetics</i> , 2007, 114, 439-450.	1.8	42
141	Genetic population differentiation and connectivity among fragmented Moor frog ( <i>Rana arvalis</i> ) populations in The Netherlands. <i>Landscape Ecology</i> , 2007, 22, 1489-1500.	1.9	84
142	Plant translational genomics: from model species to crops. <i>Molecular Breeding</i> , 2007, 20, 1-13.	1.0	39
143	Isolation and characterization of trinucleotide repeat microsatellite markers for <i>Plutella xylostella</i> L.. <i>Molecular Ecology Notes</i> , 2006, 6, 1246-1248.	1.7	5
144	Regional gene flow and population structure of the wind-dispersed plant species <i>Hypochaeris radicata</i> (Asteraceae) in an agricultural landscape. <i>Molecular Ecology</i> , 2006, 15, 1749-1758.	2.0	28

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145	Linked vs. unlinked markers: multilocus microsatellite haplotype-sharing as a tool to estimate gene flow and introgression. <i>Molecular Ecology</i> , 2006, 16, 243-256.	2.0	40
146	Characterization of oil palm MADS box genes in relation to the mantled flower abnormality. <i>Plant Cell, Tissue and Organ Culture</i> , 2006, 85, 331-344.	1.2	34
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