Marion S RÃ¶der

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6851664/publications.pdf

Version: 2024-02-01

234	16,244	19636 61	19726 117
papers	citations	h-index	g-index

237	237	237	7282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the genetic structure of Bromus inermis populations from chemically and radioactively polluted areas using microsatellite markers from closely related species. International Journal of Radiation Biology, 2022, 98, 1289-1300.	1.0	0
2	Linkage mapping identifies a non-synonymous mutation in FLOWERING LOCUS T (FT-B1) increasing spikelet number per spike. Scientific Reports, 2021, 11, 1585.	1.6	10
3	Genome-Wide Association Studies and Prediction of Tan Spot (Pyrenophora tritici-repentis) Infection in European Winter Wheat via Different Marker Platforms. Genes, 2021, 12, 490.	1.0	15
4	Toward identification of a putative candidate gene for nutrient mineral accumulation in wheat grains for human nutrition purposes. Journal of Experimental Botany, 2021, 72, 6305-6318.	2.4	12
5	Prospects of Developing Novel Genetic Resources by Chemical and Physical Mutagenesis to Enlarge the Genetic Window in Bread Wheat Varieties. Agriculture (Switzerland), 2021, 11, 621.	1.4	6
6	Omics for the Improvement of Abiotic, Biotic, and Agronomic Traits in Major Cereal Crops: Applications, Challenges, and Prospects. Plants, 2021, 10, 1989.	1.6	39
7	A mechanistic view on lodging resistance in rye and wheat: a multiscale comparative study. Plant Biotechnology Journal, 2021, 19, 2646-2661.	4.1	16
8	Quantitative trait loci for yellow rust resistance in spring wheat doubled haploid populations developed from the German Federal ex situ genebank genetic resources. Plant Genome, 2021, 14, e20142.	1.6	3
9	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. Genes, 2021, 12, 1808.	1.0	8
10	Prospects of GWAS and predictive breeding for European winter wheatâ€™s grain protein content, grain starch content, and grain hardness. Scientific Reports, 2020, 10, 12541.	1.6	41
11	Influence of Chronic Man-made Pollution on Bromus inermis Genome Size. Russian Journal of Ecology, 2020, 51, 337-344.	0.3	1
12	DEFECTIVE ENDOSPERM-D1 (Dee-D1) is crucial for endosperm development in hexaploid wheat. Communications Biology, 2020, 3, 791.	2.0	3
13	Identification and validation of QTL for spike fertile floret and fruiting efficiencies in hexaploid wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2020, 133, 2655-2671.	1.8	12
14	Automated Spike Detection in Diverse European Wheat Plants Using Textural Features and the Frangi Filter in 2D Greenhouse Images. Frontiers in Plant Science, 2020, 11, 666.	1.7	13
15	Suitability of Single-Nucleotide Polymorphism Arrays Versus Genotyping-By-Sequencing for Genebank Genomics in Wheat. Frontiers in Plant Science, 2020, 11, 42.	1.7	26
16	Tight DNA-protein complexes isolated from barley seedlings are rich in potential guanine quadruplex sequences. PeerJ, 2020, 8, e8569.	0.9	4
17	Identification of consistent QTL with large effect on anther extrusion in doubled haploid populations developed from spring wheat accessions in German Federal ex situ Genebank. Theoretical and Applied Genetics, 2019, 132, 3035-3045.	1.8	12
18	Genetic Mapping Reveals Large-Effect QTL for Anther Extrusion in CIMMYT Spring Wheat. Agronomy, 2019, 9, 407.	1.3	13

#	Article	IF	Citations
19	TaAPO-A1, an ortholog of rice ABERRANT PANICLE ORGANIZATION 1, is associated with total spikelet number per spike in elite European hexaploid winter wheat (Triticum aestivum L.) varieties. Scientific Reports, 2019, 9, 13853.	1.6	55
20	High-Throughput Genotyping for Cereal Research and Breeding. , 2019, , 3-17.		8
21	Genomeâ€wide Association Mapping and Prediction of Adult Stage Septoria tritici Blotch Infection in European Winter Wheat via Highâ€Density Marker Arrays. Plant Genome, 2019, 12, 180029.	1.6	55
22	Genetic analysis of drought response of wheat following either chemical desiccation or the use of a rain-out shelter. Journal of Applied Genetics, 2019, 60, 137-146.	1.0	11
23	Whole-Genome Association Mapping and Genomic Prediction for Iron Concentration in Wheat Grains. International Journal of Molecular Sciences, 2019, 20, 76.	1.8	52
24	Guanine-quadruplex-enriched sequences in the tight DNA-protein complexes of barley seedlings. Biopolymers and Cell, 2019, 35, 234-234.	0.1	0
25	Genomeâ€wide association analyses of plant growth traits during the stem elongation phase in wheat. Plant Biotechnology Journal, 2018, 16, 2042-2052.	4.1	21
26	Manipulation and prediction of spike morphology traits for the improvement of grain yield in wheat. Scientific Reports, 2018, 8, 14435.	1.6	44
27	Identifying Candidate Genes for Enhancing Grain Zn Concentration in Wheat. Frontiers in Plant Science, 2018, 9, 1313.	1.7	56
28	Genome-wide association mapping in bread wheat subjected to independent and combined high temperature and drought stress. PLoS ONE, 2018, 13, e0199121.	1.1	78
29	Genetic dissection of preâ€anthesis subâ€phase durations during the reproductive spike development of wheat. Plant Journal, 2018, 95, 909-918.	2.8	30
30	Association of Lr 34 gene complex with spot blotch disease resistance at molecular level in wheat (T.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	2
31	Genome-wide association mapping and genome-wide prediction of anther extrusion in CIMMYT spring wheat. Euphytica, 2017, 213, 1.	0.6	23
32	Genomeâ€wide association analyses of 54 traits identified multiple loci for the determination of floret fertility in wheat. New Phytologist, 2017, 214, 257-270.	3.5	114
33	The roles of pleiotropy and close linkage as revealed by association mapping of yield and correlated traits of wheat (Triticum aestivum L.). Journal of Experimental Botany, 2017, 68, 4089-4101.	2.4	61
34	Validating the prediction accuracies of marker-assisted and genomic selection of Fusarium head blight resistance in wheat using an independent sample. Theoretical and Applied Genetics, 2017, 130, 471-482.	1.8	49
35	Genome-wide association mapping of resistance to eyespot disease (Pseudocercosporella) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Theoretical and Applied Genetics, 2017, 130, 505-514.	1.8	42
36	Genetic Architecture of Anther Extrusion in Spring and Winter Wheat. Frontiers in Plant Science, 2017, 8, 754.	1.7	53

#	Article	IF	Citations
37	Genome-Wide Association Study of Calcium Accumulation in Grains of European Wheat Cultivars. Frontiers in Plant Science, 2017, 8, 1797.	1.7	78
38	Genetic and physical mapping of anther extrusion in elite European winter wheat. PLoS ONE, 2017, 12, e0187744.	1.1	17
39	Genome-Wide Association Mapping of Anther Extrusion in Hexaploid Spring Wheat. PLoS ONE, 2016, 11, e0155494.	1.1	23
40	Mapping of spot blotch disease resistance using NDVI as a substitute to visual observation in wheat (Triticum aestivum L.). Molecular Breeding, 2016, 36, 1.	1.0	22
41	Are PECTIN ESTERASE INHIBITOR Genes Involved in Mediating Resistance to Rhynchosporium commune in Barley?. PLoS ONE, 2016, 11, e0150485.	1.1	19
42	Analysis of main effect QTL for thousand grain weight in European winter wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	129
43	Aegilops tauschii Introgressions in Wheat. , 2015, , 245-271.		19
44	Mendelization and fine mapping of a bread wheat spot blotch disease resistance QTL. Molecular Breeding, 2015, 35, 1.	1.0	60
45	Quantitative trait loci underlying the adhesion of Azospirillum brasilense cells to wheat roots. Euphytica, 2015, 204, 81-90.	0.6	3
46	GenotypeÂÃ— environment interactions and QTL clusters underlying dough rheology traits in Triticum aestivum L.. Journal of Cereal Science, 2015, 64, 82-91.	1.8	10
47	Molecular diversity of common wheat introgression lines (T. aestivum/T. timopheevii). Russian Journal of Genetics: Applied Research, 2015, 5, 191-197.	0.4	1
48	Potential and limits to unravel the genetic architecture and predict the variation of Fusarium head blight resistance in European winter wheat (Triticum aestivum L.). Heredity, 2015, 114, 318-326.	1.2	88
49	Assessing genetic diversity of Egyptian hexaploid wheat (Triticum aestivum L.) using microsatellite markers. Genetic Resources and Crop Evolution, 2015, 62, 377-385.	0.8	22
50	Genome-Wide Association Mapping for Kernel and Malting Quality Traits Using Historical European Barley Records. PLoS ONE, 2014, 9, e110046.	1.1	51
51	Genetic architecture of main effect QTL for heading date in European winter wheat. Frontiers in Plant Science, 2014, 5, 217.	1.7	86
52	Genome-wide association mapping of tan spot resistance (Pyrenophora tritici-repentis) in European winter wheat. Molecular Breeding, 2014, 34, 363-371.	1.0	72
53	The genetic basis of durum wheat germination and seedling growth under osmotic stress. Biologia Plantarum, 2014, 58, 681-688.	1.9	17
54	Detection of genetic determinants that define the difference in photoperiod sensitivity of Triticum aestivum L. near-isogenic lines. Russian Journal of Genetics, 2014, 50, 701-711.	0.2	2

#	Article	IF	Citations
55	Whole Genome Association Mapping of Plant Height in Winter Wheat (Triticum aestivum L.). PLoS ONE, 2014, 9, e113287.	1.1	162
56	Haplotype analysis of molecular markers linked to stem rust resistance genes in Ethiopian improved durum wheat varieties and tetraploid wheat landraces. Genetic Resources and Crop Evolution, 2013, 60, 853-864.	0.8	21
57	Comparative characteristic of Triticum aestivum/Triticum durum and Triticum aestivum/Triticum dicoccum hybrid lines by genomic composition and resistance to fungal diseases under different environmental conditions. Russian Journal of Genetics, 2013, 49, 1112-1118.	0.2	9
58	Development of SNP markers for genes of the phenylpropanoid pathway and their association to kernel and malting traits in barley. BMC Genetics, 2013, 14, 97.	2.7	19
59	Nitrogen-metabolism related genes in barley - haplotype diversity, linkage mapping and associations with malting and kernel quality parameters. BMC Genetics, 2013, 14, 77.	2.7	5
60	Genetic diversity assessment of Ethiopian tetraploid wheat landraces and improved durum wheat varieties using microsatellites and markers linked with stem rust resistance. Genetic Resources and Crop Evolution, 2013, 60, 513-527.	0.8	24
61	Marker-assisted development and characterization of a set of Triticum aestivum lines carrying different introgressions from the T. timopheevii genome. Molecular Breeding, 2013, 31, 123-136.	1.0	37
62	Genetic architecture of resistance to Septoria tritici blotch (Mycosphaerella graminicola) in European winter wheat. Molecular Breeding, 2013, 32, 411-423.	1.0	54
63	Identification of quantitative trait loci contributing to yield and seed quality parameters under terminal drought in barley advanced backcross lines. Molecular Breeding, 2013, 32, 71-90.	1.0	73
64	Characterization of a 5HS-7DS.7DL wheat-barley translocation line and physical mapping of the 7D chromosome using SSR markers. Journal of Applied Genetics, 2013, 54, 251-258.	1.0	13
65	Whole Genome Association Mapping of Fusarium Head Blight Resistance in European Winter Wheat (Triticum aestivum L.). PLoS ONE, 2013, 8, e57500.	1.1	166
66	Molecular markers in management of ex situ PGR â€“ A case study. Journal of Biosciences, 2012, 37, 871-877.	0.5	16
67	Population structure revealed by different marker types (SSR or DArT) has an impact on the results of genome-wide association mapping in European barley cultivars. Molecular Breeding, 2012, 30, 951-966.	1.0	49
68	Mapping wheat powdery mildew resistance derived fromAegilops markgrafii. Plant Genetic Resources: Characterisation and Utilisation, 2012, 10, 137-140.	0.4	11
69	Genetic mapping of a leaf rust resistance gene in the former Yugoslavian barley landrace MBR1012. Molecular Breeding, 2012, 30, 1253-1264.	1.0	28
70	QTL mapping of resistance to race Ug99 of Puccinia graminis f. sp. tritici in durum wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	66
71	QTL analysis for thousand-grain weight under terminal drought stress in bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	50
72	QTL mapping of terminal heat tolerance in hexaploid wheat (T. aestivum L.). Theoretical and Applied Genetics, 2012, 125, 561-575.	1.8	175

#	Article	IF	Citations
73	Identification and characterization of a novel powdery mildew resistance gene PmG3M derived from wild emmer wheat, Triticum dicoccoides. Theoretical and Applied Genetics, 2012, 124, 911-922.	1.8	44
74	Sequence variation in the barley genes encoding sucrose synthase I and sucrose phosphate synthase II, and its association with variation in grain traits and malting quality. Euphytica, 2012, 184, 73-83.	0.6	9
75	Suppressed recombination rate in 6VS/6AL translocation region carrying the Pm21 locus introgressed from Haynaldia villosa into hexaploid wheat. Molecular Breeding, 2012, 29, 399-412.	1.0	40
76	The genetic architecture of seedling resistance to Septoria tritici blotch in the winter wheat doubled-haploid population SolitÃrÂÃ—ÂMazurka. Molecular Breeding, 2012, 29, 813-830.	1.0	24
77	Triticum aestivum Ã— Triticum timopheevii introgression lines as a source of pathogen resistance genes. Czech Journal of Genetics and Plant Breeding, 2011, 47, S49-S55.	0.4	24
78	The performance of single chromosome substitution lines of bread wheat subjected to salinity stress. Cereal Research Communications, 2011, 39, 317-324.	0.8	0
79	Comparative molecular marker-based genetic mapping of flavanone 3-hydroxylase genes in wheat, rye and barley. Euphytica, 2011, 179, 333-341.	0.6	23
80	Quantitative trait loci associated with salinity tolerance in field grown bread wheat. Euphytica, 2011, 181, 371-383.	0.6	45
81	High-density genetic and physical bin mapping of wheat chromosome 1D reveals that the powdery mildew resistance gene Pm24 is located in a highly recombinogenic region. Genetica, 2011, 139, 1179-1187.	0.5	14
82	Mapping of quantitative trait loci associated with protein expression variation in barley grains. Molecular Breeding, 2011, 27, 301-314.	1.0	18
83	Haplotyping, linkage mapping and expression analysis of barley genes regulated by terminal drought stress influencing seed quality. BMC Plant Biology, 2011, 11, 1.	1.6	214
84	Identification of QTLs and associated molecular markers of agronomic traits in wheat (<i>Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2010, 38, 459-470.	0.8	10
85	Assessment of genetic diversity among Syrian durum (Triticum ssp. durum) and bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Ov	0.2	19
86	Functional diversity at the Rc (red coleoptile) gene in bread wheat. Molecular Breeding, 2010, 25, 125-132.	1.0	28
87	Ent-kaurenoic acid oxidase genes in wheat. Molecular Breeding, 2010, 25, 251-258.	1.0	14
88	Quantitative trait loci for resistance to spot blotch caused by Bipolaris sorokiniana in wheat (T.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.0	83
89	Mapping genes controlling anthocyanin pigmentation on the glume and pericarp in tetraploid wheat (Triticum durum L.). Euphytica, 2010, 171, 65-69.	0.6	51
90	Identification of QTLs for stay green trait in wheat (Triticum aestivum L.) in the â€˜Chirya 3â€™ÂÃ—Â â€˜Sonalikaâ€™ population. Euphytica, 2010, 174, 437-445.	0.6	103

#	Article	IF	Citations
91	Embryo lethality in wheatÂÃ—Ârye hybridsâ€"mode of inheritance and the identification of a complementary gene in wheat. Euphytica, 2010, 176, 191-198.	0.6	7
92	Chromosomal regions controlling seedling drought resistance in Israeli wild barley, Hordeum spontaneum C. Koch. Genetic Resources and Crop Evolution, 2010, 57, 85-99.	0.8	54
93	EST-SSR based estimates on functional genetic variation in a barley (Hordeum vulgare L.) collection from Egypt. Genetic Resources and Crop Evolution, 2010, 57, 515-521.	0.8	13
94	Mapping quantitative trait loci (QTLs) associated with dough quality in a softÃ—hard bread wheat progeny. Journal of Cereal Science, 2010, 52, 46-52.	1.8	22
95	Delineating the structural, functional and evolutionary relationships of sucrose phosphate synthase gene family II in wheat and related grasses. BMC Plant Biology, 2010, 10, 134.	1.6	14
96	Interspecies and intergenus transferability of barley and wheat Dâ€genome microsatellite markers. Annals of Applied Biology, 2010, 156, 347-356.	1.3	20
97	Microsatellite mapping of a leaf rust resistance gene transferred to common wheat fromTriticum timopheevii. Cereal Research Communications, 2010, 38, 211-219.	0.8	15
98	Identification of QTLs and associated molecular markers related to starch degradation in wheat seedlings (Triticum aestivumL.) under saline stress. Cereal Research Communications, 2010, 38, 163-174.	0.8	7
99	Phenotypic and genotypic characterization of salt-tolerant wheat genotypes. Cereal Research Communications, 2010, 38, 15-22.	0.8	11
100	Clustering anthocyanin pigmentation genes in wheat group 7 chromosomes. Cereal Research Communications, 2009, 37, 391-398.	0.8	31
101	Glume coloration in wheat: Allelism test, consensus mapping and its association with specific microsatellite allele. Cereal Research Communications, 2009, 37, 37-43.	0.8	12
102	SNP identification in crop plants. Current Opinion in Plant Biology, 2009, 12, 211-217.	3.5	379
103	Linkage mapping of putative regulator genes of barley grain development characterized by expression profiling. BMC Plant Biology, 2009, 9, 4.	1.6	10
104	Development-dependent changes in the tight DNA-protein complexes of barley on chromosome and gene level. BMC Plant Biology, 2009, 9, 56.	1.6	4
105	Mapping of loci affecting copper tolerance in wheatâ€"The possible impact of the vernalization gene Vrn-A1. Environmental and Experimental Botany, 2009, 65, 369-375.	2.0	14
106	Association of haplotype diversity in the Î±-amylase gene amy1 with malting quality parameters in barley. Molecular Breeding, 2009, 23, 139-152.	1.0	26
107	Mapping and diagnostic marker development for Soil-borne cereal mosaic virus resistance in bread wheat. Molecular Breeding, 2009, 23, 641-653.	1.0	28
108	A new gene controlling the flowering response to photoperiod in wheat. Euphytica, 2009, 165, 579-585.	0.6	28

#	Article	IF	Citations
109	Molecular mapping of quantitative trait loci (QTLs) controlling aluminium tolerance in bread wheat. Euphytica, 2009, 166, 283-290.	0.6	42
110	Association mapping and marker development of the candidate genes (1Ââ†'Â3),(1Ââ†'Â4)-Î²-d-Glucan-4-glucanohydrolase and (1Ââ†'Â4)-Î²-Xylan-endohydrolase 1 for malting quality in barley. Euphytica, 2009, 170, 109-122.	0.6	14
111	What can the Viviparous-1 gene tell us about wheat pre-harvest sprouting?. Euphytica, 2009, 168, 385-394.	0.6	20
112	Mapping of resistance to spot blotch disease caused by Bipolaris sorokiniana in spring wheat. Theoretical and Applied Genetics, 2009, 118, 783-792.	1.8	96
113	Microsatellite mapping of genes that determine supernumerary spikelets in wheat (T.Âaestivum) and rye (S.Âcereale). Theoretical and Applied Genetics, 2009, 119, 867-874.	1.8	39
114	Fine mapping, physical mapping and development of diagnostic markers for the Rrs2 scald resistance gene in barley. Theoretical and Applied Genetics, 2009, 119, 1507-1522.	1.8	40
115	Distribution ofVp-1alleles in Chinese white-grained landraces, historical and current wheat cultivars. Cereal Research Communications, 2009, 37, 169-177.	0.8	17
116	The application of wheat microsatellite markers for the detection of interspecific variation in tetraploidAegilopsspecies with C and U genomes. Cereal Research Communications, 2009, 37, 335-343.	0.8	5
117	Exploiting the diversity of Viviparous-1 gene associated with pre-harvest sprouting tolerance in European wheat varieties. Euphytica, 2008, 159, 411-417.	0.6	32
118	High-density genetic map of durum wheatÂÃ—Âwild emmer wheat based on SSR and DArT markers. Theoretical and Applied Genetics, 2008, 117, 103-115.	1.8	139
119	Fine mapping of the region on wheat chromosome 7D controlling grain weight. Functional and Integrative Genomics, 2008, 8, 79-86.	1.4	101
120	Mapping of the quantitative trait loci (QTL) associated with grain quality characteristics of the bread wheat grown under different environmental conditions. Russian Journal of Genetics, 2008, 44, 74-84.	0.2	20
121	Genetic analysis and localization of loci controlling leaf rust resistance of Triticum aestivum Ã— Triticum timopheevii introgression lines. Russian Journal of Genetics, 2008, 44, 1431-1437.	0.2	21
122	Relationship between homoeologous regulatory and structural genes in allopolyploid genome â€“ A case study in bread wheat. BMC Plant Biology, 2008, 8, 88.	1.6	69
123	Molecular genetic mapping of quantitative trait loci associated with loaf volume in hexaploid wheat (Triticum aestivum). Journal of Cereal Science, 2008, 47, 587-598.	1.8	32
124	SSR and SNP diversity in a barley germplasm collection. Plant Genetic Resources: Characterisation and Utilisation, 2008, 6, 167-174.	0.4	10
125	The use of simple sequence repeat (SSR) markers to identify and map alien segments carrying genes for effective resistance to leaf rust in bread wheat. Plant Genetic Resources: Characterisation and Utilisation, 2007, 5, 100-103.	0.4	16
126	Did Modern Plant Breeding Lead to Genetic Erosion in European Winter Wheat Varieties?. Crop Science, 2007, 47, 343-349.	0.8	71

#	Article	IF	Citations
127	Development, characterization, and transferability to other Solanaceae of microsatellite markers in pepper (Capsicum annuumL.). Genome, 2007, 50, 668-688.	0.9	59
128	Microsatellite and SNP Markers in Wheat Breeding. , 2007, , 1-24.		72
129	A high density barley microsatellite consensus map with 775 SSR loci. Theoretical and Applied Genetics, 2007, 114, 1091-1103.	1.8	308
130	Development and validation of a Viviparous-1 STS marker for pre-harvest sprouting tolerance in Chinese wheats. Theoretical and Applied Genetics, 2007, 115, 971-980.	1.8	103
131	Temporal trends of genetic diversity in European barley cultivars (Hordeum vulgare L.). Molecular Breeding, 2007, 20, 309-322.	1.0	52
132	The use of wheat/goatgrass introgression lines for the detection of gene(s) determining resistance to septoria tritici blotch (Mycosphaerella graminicola). Euphytica, 2007, 154, 249-254.	0.6	19
133	Detection of quantitative trait loci for leaf rust resistance in wheatâ€“â€“T. timopheevii/T. tauschii introgression lines. Euphytica, 2007, 155, 79-86.	0.6	32
134	Molecular mapping of genes determining hairy leaf character in common wheat with respect to other species of the Triticeae. Euphytica, 2007, 155, 285-293.	0.6	38
135	Simple sequence repeats marker polymorphism in emmer wheat (Triticum dicoccon Schrank): Analysis of genetic diversity and differentiation. Genetic Resources and Crop Evolution, 2007, 54, 543-554.	0.8	33
136	Molecular diversity of Omani wheat revealed by microsatellites: I. Tetraploid landraces. Genetic Resources and Crop Evolution, 2007, 54, 1291-1300.	0.8	25
137	Molecular diversity of Omani wheat revealed by microsatellites: II. Hexaploid landraces. Genetic Resources and Crop Evolution, 2007, 54, 1407-1417.	0.8	24
138	Mapping of QTLs affecting copper tolerance and the Cu, Fe, Mn and Zn contents in the shoots of wheat seedlings. Biologia Plantarum, 2007, 51, 129-134.	1.9	60
139	Identification and mapping quantitative trait loci for stem reserve mobilisation in wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	46
140	Molecular mapping of the shrunken endosperm genesseg8andsex1in barley (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10	0.9	16
141	A comparative assessment of genetic diversity in cultivated barley collected in different decades of the last century in Austria, Albania and India by using genomic and genic simple sequence repeat (SSR) markers. Plant Genetic Resources: Characterisation and Utilisation, 2006, 4, 125-133.	0.4	17
142	Analysis of molecular diversity, population structure and linkage disequilibrium in a worldwide survey of cultivated barley germplasm (Hordeum vulgare L.). BMC Genetics, 2006, 7, 6.	2.7	188
143	Regional patterns of microsatellite diversity in Ethiopian tetraploid wheat accessions. Plant Breeding, 2006, 125, 125-130.	1.0	29
144	Microsatellite mapping of complementary genes for purple grain colour in bread wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	62

#	Article	IF	Citations
145	More precise map position and origin of a durable non-specific adult plant disease resistance against stripe rust (Puccinia striiformis) in wheat. Euphytica, 2006, 153, 1-10.	0.6	33
146	Analysis of Microsatellite Diversity in Ethiopian Tetraploid Wheat Landraces. Genetic Resources and Crop Evolution, 2006, 53, 1115-1126.	0.8	42
147	Haplotype diversity in the endosperm specific Î²-amylase gene Bmy1 of cultivated barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	27
148	Wheat genome structure: translocations during the course of polyploidization. Functional and Integrative Genomics, 2006, 6, 71-80.	1.4	60
149	Expression genetics and haplotype analysis reveal cis regulation of serine carboxypeptidase I (Cxp1), a candidate gene for malting quality in barley (Hordeum vulgare L.). Functional and Integrative Genomics, 2006, 6, 25-35.	1.4	44
150	Development and QTL assessment of Triticum aestivumâ€“Aegilops tauschii introgression lines. Theoretical and Applied Genetics, 2006, 112, 634-647.	1.8	77
151	Comparative mapping of genes for glume colouration and pubescence in hexaploid wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Over	1.8	44
152	Analysis of QTLs for yield components, agronomic traits, and disease resistance in an advanced backcross population of spring barley. Genome, 2006, 49, 454-466.	0.9	77
153	A DNA fingerprinting-based taxonomic allocation of Kamut wheat. Plant Genetic Resources: Characterisation and Utilisation, 2006, 4, 172-180.	0.4	17
154	Mapping antixenosis genes on chromosome 6A of wheat to greenbug and to a new biotype of Russian wheat aphid. Plant Breeding, 2005, 124, 229-233.	1.0	33
155	Analysis of QTLs for yield, yield components, and malting quality in a BC3-DH population of spring barley. Theoretical and Applied Genetics, 2005, 110, 356-363.	1.8	97
156	Rationalising germplasm collections: a case study for wheat. Theoretical and Applied Genetics, 2005, 111, 1322-1329.	1.8	12
157	QTL mapping of the domestication traits pre-harvest sprouting and dormancy in wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	53
158	Transferability of wheat microsatellites to diploid Aegilops species and determination of chromosomal localizations of microsatellites in the S genome. Genome, 2005, 48, 959-970.	0.9	33
159	Development of SNP Assays for Genotyping the Puroindoline b Gene for Grain Hardness in Wheat Using Pyrosequencing. Journal of Agricultural and Food Chemistry, 2005, 53, 2070-2075.	2.4	40
160	Distribution of tight DNA-protein complexes along the barley chromosome 1H, as revealed by microsatellite marker analysis. Cellular and Molecular Biology Letters, 2005, 10, 49-59.	2.7	5
161	Genetic mapping of three alleles at the Pm3 locus conferring powdery mildew resistance in common wheat (Triticum aestivum L.). Genome, 2004, 47, 1130-1136.	0.9	30
162	Distribution and inheritance of Î²-amylase alleles in north European barley varieties. Hereditas, 2004, 141, 39-45.	0.5	11

#	Article	IF	Citations
163	Molecular mapping of powdery mildew resistance genes in wheat: A review. Euphytica, 2004, 137, 203-223.	0.6	159
164	Molecular mapping of quantitative trait loci determining resistance to septoria tritici blotch caused by Mycosphaerella graminicola in wheat. Euphytica, 2004, 138, 41-48.	0.6	45
165	Genetic diversity in Ethiopian hexaploid and tetraploid wheat germplasm assessed by microsatellite markers. Genetic Resources and Crop Evolution, 2004, 51, 559-567.	0.8	47
166	Genetic diversity in cultivated plantsâ€"loss or stability?. Theoretical and Applied Genetics, 2004, 108, 1466-1472.	1.8	70
167	Mapping of 99 new microsatellite-derived loci in rye (Secale cereale L.) including 39 expressed sequence tags. Theoretical and Applied Genetics, 2004, 109, 725-732.	1.8	111
168	Advanced backcross QTL analysis in progenies derived from a cross between a German elite winter wheat variety and a synthetic wheat (Triticum aestivumL.). Theoretical and Applied Genetics, 2004, 109, 933-943.	1.8	219
169	Identification of microsatellite markers for a leaf rust resistance gene introgressed into common wheat from Triticum timopheevii. Plant Breeding, 2004, 123, 93-95.	1.0	14
170	Evaluation of cultivated barley (Hordeum vulgare) germplasm for the presence of thermostable alleles of beta-amylase. Plant Breeding, 2004, 123, 128-131.	1.0	18
171	The genetic diversity of old and modern Siberian varieties of common spring wheat as determined by microsatellite markers. Plant Breeding, 2004, 123, 122-127.	1.0	58
172	Extension of the Messapia x dicoccoides linkage map of Triticum turgidum (L.) Thell. Cellular and Molecular Biology Letters, 2004, 9, 529-41.	2.7	18
173	Identifying leaf rust resistance genes and mapping gene Lr37 on the microsatellite map of wheat. Cellular and Molecular Biology Letters, 2004, 9, 869-78.	2.7	10
174	Assessment of the uniformity of wheat and tomato varieties at DNA microsatellite loci. Euphytica, 2003, 132, 331-341.	0.6	43
175	Inheritance of microsatellite alleles in pedigrees of Latvian barley varieties and related European ancestors. Theoretical and Applied Genetics, 2003, 106, 539-549.	1.8	37
176	QTL analysis for grain protein content using SSR markers and validation studies using NILs in bread wheat. Theoretical and Applied Genetics, 2003, 106, 659-667.	1.8	139
177	Microsatellite mapping of the powdery mildew resistance gene Pm5e in common wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	100
178	Advanced backcross QTL analysis for the identification of quantitative trait loci alleles from wild relatives of wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2003, 106, 1379-1389.	1.8	286
179	Development and genetic mapping of 127 new microsatellite markers in barley. Theoretical and Applied Genetics, 2003, 107, 1021-1027.	1.8	139
180	Molecular studies on genetic integrity of open-pollinating species rye (Secale cereale L.) after long-term genebank maintenance. Theoretical and Applied Genetics, 2003, 107, 1469-1476.	1.8	64

#	Article	IF	Citations
181	Microsatellite monitoring of recombination around the Vrn -B1 locus of wheat during early backcross breeding. Plant Breeding, 2003, 122, 116-119.	1.0	24
182	Mapping of the Vrn-B1 gene in Triticum aestivum using microsatellite markers. Plant Breeding, 2003, 122, 209-212.	1.0	27
183	Molecular marker analysis of kernel size and shape in bread wheat. Plant Breeding, 2003, 122, 392-395.	1.0	145
184	Genetic effects on microsatellite diversity in wild emmer wheat (Triticum dicoccoides) at the Yehudiyya microsite, Israel. Heredity, 2003, 90, 150-156.	1.2	30
185	Molecular cytogenetic analysis of wheatÂ–barley hybrids using genomic in situ hybridization and barley microsatellite markers. Genome, 2003, 46, 314-322.	0.9	24
186	Domestication quantitative trait loci in Triticum dicoccoides, the progenitor of wheat. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2489-2494.	3.3	310
187	Molecular mapping, phenotypic expression and geographical distribution of genes determining anthocyanin pigmentation of coleoptiles in wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2002, 104, 632-637.	1.8	77
188	Genetic mapping of 66 new microsatellite (SSR) loci in bread wheat. Theoretical and Applied Genetics, 2002, 105, 413-422.	1.8	339
189	Assessing genetic diversity of wheat (Triticum aestivum L.) germplasm using microsatellite markers. Theoretical and Applied Genetics, 2002, 105, 699-707.	1.8	301
190	Mapping of quantitative trait loci determining agronomic important characters in hexaploid wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2002, 105, 921-936.	1.8	474
191	Microsatellite analysis of wheat chromosome 2D allows the reconstruction of chromosomal inheritance in pedigrees of breeding programmes. Theoretical and Applied Genetics, 2002, 106, 84-91.	1.8	48
192	Construction and testing of a microsatellite database containing more than 500 tomato varieties. Theoretical and Applied Genetics, 2002, 105, 1019-1026.	1.8	112
193	Construction and analysis of a microsatellite-based database of European wheat varieties. Theoretical and Applied Genetics, 2002, 106, 67-73.	1.8	134
194	Microsatellite polymorphism in natural populations of wild emmer wheat, Triticum dicoccoides, in Israel. Theoretical and Applied Genetics, 2002, 104, 17-29.	1.8	118
195	Climatic effects on microsatellite diversity in wild emmer wheat (Triticum dicoccoides) at the Yehudiyya microsite, Israel. Heredity, 2002, 89, 127-132.	1.2	30
196	Genetic mapping of loci determining long glumes in the genus Triticum. Euphytica, 2002, 123, 287-293.	0.6	21
197	Title is missing!. Euphytica, 2002, 123, 229-233.	0.6	17
198	Title is missing!. Russian Journal of Genetics, 2002, 38, 1397-1403.	0.2	24

#	Article	IF	Citations
199	Genetic integrity of ex situ Genebank collections. Cellular and Molecular Biology Letters, 2002, 7, 437-44.	2.7	7
200	Construction of a YAC library from barley cultivar Franka and identification of YAC-derived markers linked to the Rh2 gene conferring resistance to scald (Rhynchosporium secalis). Genome, 2001, 44, 1031-1040.	0.9	16
201	Title is missing!. Russian Journal of Plant Physiology, 2001, 48, 377-381.	0.5	3
202	Detection of genetic diversity in Libyan wheat genotypesusing wheat microsatellite markers. Genetic Resources and Crop Evolution, 2001, 48, 579-585.	0.8	22
203	Isolation of a chromosomally engineered durum wheat line carrying the Aegilops ventricosa Pch1 gene for resistance to eyespot. Genome, 2001, 44, 345-349.	0.9	9
204	Construction of a YAC library from barley cultivar Franka and identification of YAC-derived markers linked to the Rh2 gene conferring resistance to scald (Rhynchosporium secalis). Genome, 2001, 44, 1031-1040.	0.9	3
205	Microsatellite high-density mapping of the stripe rust resistance gene YrH52 region on chromosome 1B and evaluation of its marker-assisted selection in the F2 generation in wild emmer wheat. New Phytologist, 2000, 146, 141-154.	3.5	55
206	High-density molecular map of chromosome region harboring stripe-rust resistance genes YrH52 and Yr15 derived from wild emmer wheat, Triticum dicoccoides. Genetica, 2000, 109, 199-210.	0.5	92
207	Title is missing!. Conservation Genetics, 2000, 1, 191-207.	0.8	24
208	Microsatellite mapping of the induced sphaerococcoid mutation genes in Triticum aestivum. Theoretical and Applied Genetics, 2000, 100, 686-689.	1.8	63
209	Natural selection causing microsatellite divergence in wild emmer wheat at the ecologically variable microsite at Ammiad, Israel. Theoretical and Applied Genetics, 2000, 100, 985-999.	1.8	64
210	The detection and molecular mapping of a major gene for non-specific adult-plant disease resistance against stripe rust (Puccinia striiformis) in wheat. Theoretical and Applied Genetics, 2000, 100, 1095-1099.	1.8	74
211	Location and mapping of the powdery mildew resistance gene MlRE and detection of a resistance QTL by bulked segregant analysis (BSA) with microsatellites in wheat. Theoretical and Applied Genetics, 2000, 100, 1217-1224.	1.8	68
212	Microsatellites confirm the authenticity of inter-varietal chromosome substitution lines of wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2000, 101, 95-99.	1.8	24
213	Microsatellite analysis of Aegilops tauschii germplasm. Theoretical and Applied Genetics, 2000, 101, 100-106.	1.8	103
214	Edaphic microsatellite DNA divergence in wild emmer wheat, Triticum dicoccoides, at a microsite: Tabigha, Israel. Theoretical and Applied Genetics, 2000, 101, 1029-1038.	1.8	54
215	Molecular Genetic Maps in Wild Emmer Wheat, Triticum dicoccoides: Genome-Wide Coverage, Massive Negative Interference, and Putative Quasi-Linkage. Genome Research, 2000, 10, 1509-1531.	2.4	167
216	Microsatellite tagging of the stripe-rust resistance gene YrH52 derived from wild emmer wheat, Triticum dicoccoides, and suggestive negative crossover interference on chromosome 1B. Theoretical and Applied Genetics, 1999, 98, 862-872.	1.8	132

#	Article	IF	Citations
217	Integration of dinucleotide microsatellites from hexaploid bread wheat into a genetic linkage map of durum wheat. Theoretical and Applied Genetics, 1999, 98, 1202-1207.	1.8	76
218	The application of wheat microsatellites to identify disomic Triticum aestivum-Aegilops markgrafii addition lines. Theoretical and Applied Genetics, 1998, 96, 138-146.	1.8	43
219	Microsatellite DNA polymorphism divergence in Triticum dicoccoides accessions highly resistant to yellow rust. Theoretical and Applied Genetics, 1998, 96, 187-195.	1.8	111
220	Genetic analysis of the dwarfing gene (Rht8) in wheat. Part I. Molecular mapping of Rht8 on the short arm of chromosome 2D of bread wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 1998, 96, 1104-1109.	1.8	289
221	Genetic analysis of the dwarfing gene Rht8 in wheat. Part II. The distribution and adaptive significance of allelic variants at the Rht8 locus of wheat as revealed by microsatellite screening. Theoretical and Applied Genetics, 1998, 96, 1110-1120.	1.8	204
222	The physical mapping of microsatellite markers in wheat. Genome, 1998, 41, 278-283.	0.9	159
223	A Microsatellite Map of Wheat. Genetics, 1998, 149, 2007-2023.	1.2	2,041
224	Intrachromosomal mapping of genes for dwarfing (Rht12) and vernalization response (Vrn1) in wheat by using RFLP and microsatellite markers. Plant Breeding, 1997, 116, 227-232.	1.0	102
225	Title is missing!. Euphytica, 1997, 95, 149-155.	0.6	53
226	Comparative molecular mapping of GA insensitive Rht loci on chromosomes 4B and 4D of common wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 1997, 95, 1133-1137.	1.8	62
227	The use of wheat aneuploids for the chromosomal assignment of microsatellite loci. Euphytica, 1996, 89, 33-40.	0.6	55
228	Barley telomeres are associated with two different types of satellite DNA sequences. Chromosome Research, 1995, 3, 315-320.	1.0	42
229	RFLP markers linked to scald (Rhynchosporium secalis) resistance gene Rh2 in barley. Theoretical and Applied Genetics, 1995, 90, 920-924.	1.8	62
230	Detection of genetic diversity in closely related bread wheat using microsatellite markers. Theoretical and Applied Genetics, 1995, 91-91, 1001-1007.	1.8	566
231	Abundance, variability and chromosomal location of microsatellites in wheat. Molecular Genetics and Genomics, 1995, 246, 327-333.	2.4	590
232	Pulsed-field gel analysis of 5S and satellite DNA in barley. Genome, 1995, 38, 153-157.	0.9	5
233	Genetic and physical mapping of barley telomeres. Molecular Genetics and Genomics, 1993, 238-238, 294-303.	2.4	70
234	5S ribosomal gene clusters in wheat: pulsed field gel electrophoresis reveals a high degree of polymorphism. Molecular Genetics and Genomics, 1992, 232, 215-220.	2.4	33