Marion S RÃ¶der

List of Publications by Year
in descending order

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234 papers	16,244 citations	19657 61 h-index	19749 117 g-index
237 all docs	237 docs citations	237 times ranked	7282 citing authors

#	Article	IF	Citations
1	A Microsatellite Map of Wheat. Genetics, 1998, 149, 2007-2023.	2.9	2,041
2	Abundance, variability and chromosomal location of microsatellites in wheat. Molecular Genetics and Genomics, 1995, 246, 327-333.	2.4	590
3	Detection of genetic diversity in closely related bread wheat using microsatellite markers. Theoretical and Applied Genetics, 1995, 91-91, 1001-1007.	3.6	566
4	Mapping of quantitative trait loci determining agronomic important characters in hexaploid wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2002, 105, 921-936.	3.6	474
5	SNP identification in crop plants. Current Opinion in Plant Biology, 2009, 12, 211-217.	7.1	379
6	Genetic mapping of 66 new microsatellite (SSR) loci in bread wheat. Theoretical and Applied Genetics, 2002, 105, 413-422.	3.6	339
7	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.	7.1	310
8	A high density barley microsatellite consensus map with 775 SSR loci. Theoretical and Applied Genetics, 2007, 114, 1091-1103.	3.6	308
9	Assessing genetic diversity of wheat (Triticum aestivum L.) germplasm using microsatellite markers. Theoretical and Applied Genetics, 2002, 105, 699-707.	3.6	301
10	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.	3.6	289
11	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.	3.6	286
12	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.	3.6	219
13	Haplotyping, linkage mapping and expression analysis of barley genes regulated by terminal drought stress influencing seed quality. BMC Plant Biology, 2011, 11, 1.	3.6	214
14	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.	3.6	204
15	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
16	QTL mapping of terminal heat tolerance in hexaploid wheat (T. aestivum L.). Theoretical and Applied Genetics, 2012, 125, 561-575.	3.6	175
17	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.	5.5	167
18	Whole Genome Association Mapping of Fusarium Head Blight Resistance in European Winter Wheat (Triticum aestivum L.). PLoS ONE, 2013, 8, e57500.	2.5	166

#	Article	IF	Citations
19	Whole Genome Association Mapping of Plant Height in Winter Wheat (Triticum aestivum L.). PLoS ONE, 2014, 9, e113287.	2.5	162
20	The physical mapping of microsatellite markers in wheat. Genome, 1998, 41, 278-283.	2.0	159
21	Molecular mapping of powdery mildew resistance genes in wheat: A review. Euphytica, 2004, 137, 203-223.	1.2	159
22	Molecular marker analysis of kernel size and shape in bread wheat. Plant Breeding, 2003, 122, 392-395.	1.9	145
23	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.	3.6	139
24	Development and genetic mapping of 127 new microsatellite markers in barley. Theoretical and Applied Genetics, 2003, 107, 1021-1027.	3.6	139
25	High-density genetic map of durum wheatÂÃ—Âwild emmer wheat based on SSR and DArT markers. Theoretical and Applied Genetics, 2008, 117, 103-115.	3.6	139
26	Construction and analysis of a microsatellite-based database of European wheat varieties. Theoretical and Applied Genetics, 2002, 106, 67-73.	3.6	134
27	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.	3.6	132
28	Analysis of main effect QTL for thousand grain weight in European winter wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	129
29	Microsatellite polymorphism in natural populations of wild emmer wheat, Triticum dicoccoides, in Israel. Theoretical and Applied Genetics, 2002, 104, 17-29.	3.6	118
30	Genomeâ€wide association analyses of 54 traits identified multiple loci for the determination of floret fertility in wheat. New Phytologist, 2017, 214, 257-270.	7.3	114
31	Construction and testing of a microsatellite database containing more than 500 tomato varieties. Theoretical and Applied Genetics, 2002, 105, 1019-1026.	3.6	112
32	Microsatellite DNA polymorphism divergence in Triticum dicoccoides accessions highly resistant to yellow rust. Theoretical and Applied Genetics, 1998, 96, 187-195.	3.6	111
33	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.	3.6	111
34	Microsatellite analysis of Aegilops tauschii germplasm. Theoretical and Applied Genetics, 2000, 101, 100-106.	3.6	103
35	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.	3.6	103
36	Identification of QTLs for stay green trait in wheat (Triticum aestivum L.) in the â€˜Chirya 3â€™ÂÃ—Ââ€˜Sonalikaâ€™ population. Euphytica, 2010, 174, 437-445.	1.2	103

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37	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.	1.9	102
38	Fine mapping of the region on wheat chromosome 7D controlling grain weight. Functional and Integrative Genomics, 2008, 8, 79-86.	3.5	101
39	Microsatellite mapping of the powdery mildew resistance gene Pm5e in common wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	100
40	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.	3.6	97
41	Mapping of resistance to spot blotch disease caused by Bipolaris sorokiniana in spring wheat. Theoretical and Applied Genetics, 2009, 118, 783-792.	3.6	96
42	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.	1.1	92
43	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.	2.6	88
44	Genetic architecture of main effect QTL for heading date in European winter wheat. Frontiers in Plant Science, 2014, 5, 217.	3.6	86
45	Quantitative trait loci for resistance to spot blotch caused by Bipolaris sorokiniana in wheat (T.) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	83
46	Genome-Wide Association Study of Calcium Accumulation in Grains of European Wheat Cultivars. Frontiers in Plant Science, 2017, 8, 1797.	3.6	78
47	Genome-wide association mapping in bread wheat subjected to independent and combined high temperature and drought stress. PLoS ONE, 2018, 13, e0199121.	2.5	78
48	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.	3.6	77
49	Development and QTL assessment of Triticum aestivumâ€“Aegilops tauschii introgression lines. Theoretical and Applied Genetics, 2006, 112, 634-647.	3.6	77
50	Analysis of QTLs for yield components, agronomic traits, and disease resistance in an advanced backcross population of spring barley. Genome, 2006, 49, 454-466.	2.0	77
51	Integration of dinucleotide microsatellites from hexaploid bread wheat into a genetic linkage map of durum wheat. Theoretical and Applied Genetics, 1999, 98, 1202-1207.	3.6	76
52	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.	3.6	74
53	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.	2.1	73
54	Microsatellite and SNP Markers in Wheat Breeding. , 2007, , 1-24.		72

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55	Genome-wide association mapping of tan spot resistance (Pyrenophora tritici-repentis) in European winter wheat. Molecular Breeding, 2014, 34, 363-371.	2.1	72
56	Did Modern Plant Breeding Lead to Genetic Erosion in European Winter Wheat Varieties?. Crop Science, 2007, 47, 343-349.	1.8	71
57	Genetic and physical mapping of barley telomeres. Molecular Genetics and Genomics, 1993, 238-238, 294-303.	2.4	70
58	Genetic diversity in cultivated plantsâ€"loss or stability?. Theoretical and Applied Genetics, 2004, 108, 1466-1472.	3.6	70
59	Relationship between homoeologous regulatory and structural genes in allopolyploid genome â€“ A case study in bread wheat. BMC Plant Biology, 2008, 8, 88.	3.6	69
60	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.	3.6	68
61	QTL mapping of resistance to race Ug99 of Puccinia graminis f. sp. tritici in durum wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	66
62	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.	3.6	64
63	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.	3.6	64
64	Microsatellite mapping of the induced sphaerococcoid mutation genes in Triticum aestivum. Theoretical and Applied Genetics, 2000, 100, 686-689.	3.6	63
65	RFLP markers linked to scald (Rhynchosporium secalis) resistance gene Rh2 in barley. Theoretical and Applied Genetics, 1995, 90, 920-924.	3.6	62
66	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.	3.6	62
67	Microsatellite mapping of complementary genes for purple grain colour in bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	62
68	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.	4.8	61
69	Wheat genome structure: translocations during the course of polyploidization. Functional and Integrative Genomics, 2006, 6, 71-80.	3.5	60
70	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
71	Mendelization and fine mapping of a bread wheat spot blotch disease resistance QTL. Molecular Breeding, 2015, 35, 1.	2.1	60
72	Development, characterization, and transferability to other Solanaceae of microsatellite markers in pepper (Capsicum annuumL.). Genome, 2007, 50, 668-688.	2.0	59

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73	The genetic diversity of old and modern Siberian varieties of common spring wheat as determined by microsatellite markers. Plant Breeding, 2004, 123, 122-127.	1.9	58
74	Identifying Candidate Genes for Enhancing Grain Zn Concentration in Wheat. Frontiers in Plant Science, 2018, 9, 1313.	3.6	56
75	The use of wheat aneuploids for the chromosomal assignment of microsatellite loci. Euphytica, 1996, 89, 33-40.	1.2	55
76	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.	7.3	55
77	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.	3.3	55
78	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.	2.8	55
79	Edaphic microsatellite DNA divergence in wild emmer wheat, Triticum dicoccoides, at a microsite: Tabigha, Israel. Theoretical and Applied Genetics, 2000, 101, 1029-1038.	3.6	54
80	Chromosomal regions controlling seedling drought resistance in Israeli wild barley, Hordeum spontaneum C. Koch. Genetic Resources and Crop Evolution, 2010, 57, 85-99.	1.6	54
81	Genetic architecture of resistance to Septoria tritici blotch (Mycosphaerella graminicola) in European winter wheat. Molecular Breeding, 2013, 32, 411-423.	2.1	54
82	Title is missing!. Euphytica, 1997, 95, 149-155.	1.2	53
83	QTL mapping of the domestication traits pre-harvest sprouting and dormancy in wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	53
84	Genetic Architecture of Anther Extrusion in Spring and Winter Wheat. Frontiers in Plant Science, 2017, 8, 754.	3.6	53
85	Temporal trends of genetic diversity in European barley cultivars (Hordeum vulgare L.). Molecular Breeding, 2007, 20, 309-322.	2.1	52
86	Whole-Genome Association Mapping and Genomic Prediction for Iron Concentration in Wheat Grains. International Journal of Molecular Sciences, 2019, 20, 76.	4.1	52
87	Mapping genes controlling anthocyanin pigmentation on the glume and pericarp in tetraploid wheat (Triticum durum L.). Euphytica, 2010, 171, 65-69.	1.2	51
88	Genome-Wide Association Mapping for Kernel and Malting Quality Traits Using Historical European Barley Records. PLoS ONE, 2014, 9, e110046.	2.5	51
89	QTL analysis for thousand-grain weight under terminal drought stress in bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	50
90	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.	2.1	49

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91	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.	3.6	49
92	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.	3.6	48
93	Genetic diversity in Ethiopian hexaploid and tetraploid wheat germplasm assessed by microsatellite markers. Genetic Resources and Crop Evolution, 2004, 51, 559-567.	1.6	47
94	Identification and mapping quantitative trait loci for stem reserve mobilisation in wheat (<i>Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	46
95	Molecular mapping of quantitative trait loci determining resistance to septoria tritici blotch caused by Mycosphaerella graminicola in wheat. Euphytica, 2004, 138, 41-48.	1.2	45
96	Quantitative trait loci associated with salinity tolerance in field grown bread wheat. Euphytica, 2011, 181, 371-383.	1.2	45
97	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.	3.5	44
98	Comparative mapping of genes for glume colouration and pubescence in hexaploid wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	44
99	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.	3.6	44
100	Manipulation and prediction of spike morphology traits for the improvement of grain yield in wheat. Scientific Reports, 2018, 8, 14435.	3.3	44
101	The application of wheat microsatellites to identify disomic Triticum aestivum-Aegilops markgrafii addition lines. Theoretical and Applied Genetics, 1998, 96, 138-146.	3.6	43
102	Assessment of the uniformity of wheat and tomato varieties at DNA microsatellite loci. Euphytica, 2003, 132, 331-341.	1.2	43
103	Barley telomeres are associated with two different types of satellite DNA sequences. Chromosome Research, 1995, 3, 315-320.	2.2	42
104	Analysis of Microsatellite Diversity in Ethiopian Tetraploid Wheat Landraces. Genetic Resources and Crop Evolution, 2006, 53, 1115-1126.	1.6	42
105	Molecular mapping of quantitative trait loci (QTLs) controlling aluminium tolerance in bread wheat. Euphytica, 2009, 166, 283-290.	1.2	42
106	Genome-wide association mapping of resistance to eyespot disease (Pseudocercosporella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td Theoretical and Applied Genetics, 2017, 130, 505-514.	3.6	42
107	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.	3.3	41
108	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.	5.2	40

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109	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.	3.6	40
110	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.	2.1	40
111	Microsatellite mapping of genes that determine supernumerary spikelets in wheat (T.Âaestivum) and rye (S.Âcereale). Theoretical and Applied Genetics, 2009, 119, 867-874.	3.6	39
112	Omics for the Improvement of Abiotic, Biotic, and Agronomic Traits in Major Cereal Crops: Applications, Challenges, and Prospects. Plants, 2021, 10, 1989.	3.5	39
113	Molecular mapping of genes determining hairy leaf character in common wheat with respect to other species of the Triticeae. Euphytica, 2007, 155, 285-293.	1.2	38
114	Inheritance of microsatellite alleles in pedigrees of Latvian barley varieties and related European ancestors. Theoretical and Applied Genetics, 2003, 106, 539-549.	3.6	37
115	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.	2.1	37
116	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
117	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.	1.9	33
118	Transferability of wheat microsatellites to diploid Aegilops species and determination of chromosomal localizations of microsatellites in the S genome. Genome, 2005, 48, 959-970.	2.0	33
119	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.	1.2	33
120	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.	1.6	33
121	Detection of quantitative trait loci for leaf rust resistance in wheatâ€“â€“T. timopheevii/T. tauschii introgression lines. Euphytica, 2007, 155, 79-86.	1.2	32
122	Exploiting the diversity of Viviparous-1 gene associated with pre-harvest sprouting tolerance in European wheat varieties. Euphytica, 2008, 159, 411-417.	1.2	32
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.	3.7	32
124	Clustering anthocyanin pigmentation genes in wheat group 7 chromosomes. Cereal Research Communications, 2009, 37, 391-398.	1.6	31
125	Climatic effects on microsatellite diversity in wild emmer wheat (Triticum dicoccoides) at the Yehudiyya microsite, Israel. Heredity, 2002, 89, 127-132.	2.6	30
126	Genetic effects on microsatellite diversity in wild emmer wheat (Triticum dicoccoides) at the Yehudiyya microsite, Israel. Heredity, 2003, 90, 150-156.	2.6	30

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127	Genetic mapping of three alleles at the Pm3 locus conferring powdery mildew resistance in common wheat (Triticum aestivum L.). Genome, 2004, 47, 1130-1136.	2.0	30
128	Genetic dissection of preâ€anthesis subâ€phase durations during the reproductive spike development of wheat. Plant Journal, 2018, 95, 909-918.	5.7	30
129	Regional patterns of microsatellite diversity in Ethiopian tetraploid wheat accessions. Plant Breeding, 2006, 125, 125-130.	1.9	29
130	Mapping and diagnostic marker development for Soil-borne cereal mosaic virus resistance in bread wheat. Molecular Breeding, 2009, 23, 641-653.	2.1	28
131	A new gene controlling the flowering response to photoperiod in wheat. Euphytica, 2009, 165, 579-585.	1.2	28
132	Functional diversity at the Rc (red coleoptile) gene in bread wheat. Molecular Breeding, 2010, 25, 125-132.	2.1	28
133	Genetic mapping of a leaf rust resistance gene in the former Yugoslavian barley landrace MBR1012. Molecular Breeding, 2012, 30, 1253-1264.	2.1	28
134	Mapping of the Vrn-B1 gene in Triticum aestivum using microsatellite markers. Plant Breeding, 2003, 122, 209-212.	1.9	27
135	Haplotype diversity in the endosperm specific Î²-amylase gene Bmy1 of cultivated barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	27
136	Association of haplotype diversity in the Î±-amylase gene amy1 with malting quality parameters in barley. Molecular Breeding, 2009, 23, 139-152.	2.1	26
137	Suitability of Single-Nucleotide Polymorphism Arrays Versus Genotyping-By-Sequencing for Genebank Genomics in Wheat. Frontiers in Plant Science, 2020, 11, 42.	3.6	26
138	Molecular diversity of Omani wheat revealed by microsatellites: I. Tetraploid landraces. Genetic Resources and Crop Evolution, 2007, 54, 1291-1300.	1.6	25
139	Title is missing!. Conservation Genetics, 2000, 1, 191-207.	1.5	24
140	Microsatellites confirm the authenticity of inter-varietal chromosome substitution lines of wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2000, 101, 95-99.	3.6	24
141	Title is missing!. Russian Journal of Genetics, 2002, 38, 1397-1403.	0.6	24
142	Microsatellite monitoring of recombination around the Vrn -B1 locus of wheat during early backcross breeding. Plant Breeding, 2003, 122, 116-119.	1.9	24
143	Molecular cytogenetic analysis of wheatÂ–barley hybrids using genomic in situ hybridization and barley microsatellite markers. Genome, 2003, 46, 314-322.	2.0	24
144	Molecular diversity of Omani wheat revealed by microsatellites: II. Hexaploid landraces. Genetic Resources and Crop Evolution, 2007, 54, 1407-1417.	1.6	24

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145	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.	0.8	24
146	The genetic architecture of seedling resistance to Septoria tritici blotch in the winter wheat doubled-haploid population SolitÃrÃÃ—ÂMazurka. Molecular Breeding, 2012, 29, 813-830.	2.1	24
147	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.	1.6	24
148	Comparative molecular marker-based genetic mapping of flavanone 3-hydroxylase genes in wheat, rye and barley. Euphytica, 2011, 179, 333-341.	1.2	23
149	Genome-Wide Association Mapping of Anther Extrusion in Hexaploid Spring Wheat. PLoS ONE, 2016, 11, e0155494.	2.5	23
150	Genome-wide association mapping and genome-wide prediction of anther extrusion in CIMMYT spring wheat. Euphytica, 2017, 213, 1.	1.2	23
151	Detection of genetic diversity in Libyan wheat genotypesusing wheat microsatellite markers. Genetic Resources and Crop Evolution, 2001, 48, 579-585.	1.6	22
152	Mapping quantitative trait loci (QTLs) associated with dough quality in a softÃ—hard bread wheat progeny. Journal of Cereal Science, 2010, 52, 46-52.	3.7	22
153	Assessing genetic diversity of Egyptian hexaploid wheat (Triticum aestivum L.) using microsatellite markers. Genetic Resources and Crop Evolution, 2015, 62, 377-385.	1.6	22
154	Mapping of spot blotch disease resistance using NDVI as a substitute to visual observation in wheat (Triticum aestivum L.). Molecular Breeding, 2016, 36, 1.	2.1	22
155	Genetic mapping of loci determining long glumes in the genus Triticum. Euphytica, 2002, 123, 287-293.	1.2	21
156	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.	0.6	21
157	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.	1.6	21
158	Genomeâ€wide association analyses of plant growth traits during the stem elongation phase in wheat. Plant Biotechnology Journal, 2018, 16, 2042-2052.	8.3	21
159	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.	0.6	20
160	What can the Viviparous-1 gene tell us about wheat pre-harvest sprouting?. Euphytica, 2009, 168, 385-394.	1.2	20
161	Interspecies and intergenus transferability of barley and wheat Dâ€genome microsatellite markers. Annals of Applied Biology, 2010, 156, 347-356.	2.5	20
162	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.	1.2	19

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163	Assessment of genetic diversity among Syrian durum (Triticum ssp. durum) and bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Over	0.6	19
164	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
165	Aegilops tauschii Introgressions in Wheat. , 2015, , 245-271.		19
166	Are PECTIN ESTERASE INHIBITOR Genes Involved in Mediating Resistance to Rhynchosporium commune in Barley?. PLoS ONE, 2016, 11, e0150485.	2.5	19
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