

MAPMAKER: An interactive computer package for constructing maps of experimental and natural populations

Genomics

1, 174-181

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A genetic linkage map of the human genome. <i>Cell</i> , 1987, 51, 319-337.	28.9	942
2	Molecular mapping of rice chromosomes. <i>Theoretical and Applied Genetics</i> , 1988, 76, 815-829.	3.6	1,040
3	Resolution of quantitative traits into Mendelian factors by using a complete linkage map of restriction fragment length polymorphisms. <i>Nature</i> , 1988, 335, 721-726.	27.8	1,532
4	Localization of the FGR protooncogene on the genetic linkage map of human chromosome 1p. <i>Genomics</i> , 1988, 3, 124-128.	2.9	20
5	RFLPs and linkage relationships of the human laminin B2 gene. <i>Genomics</i> , 1988, 3, 393-395.	2.9	9
6	Sets of Linked Genetic Markers for Human Chromosomes. <i>Annual Review of Genetics</i> , 1988, 22, 259-279.	7.6	31
7	Restriction fragment length polymorphism linkage map for <i>Arabidopsis thaliana</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 6856-6860.	7.1	407
8	Restriction Fragment Length Polymorphism Linkage Map of <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 1989, 1, 699.	6.6	66
9	Applying expert system techniques to human genetics. <i>Journal of Biomedical Informatics</i> , 1989, 22, 234-247.	0.7	9
10	Recombination events suggest potential sites for the Huntington's disease gene. <i>Neuron</i> , 1989, 3, 183-190.	8.1	93
11	A genetic linkage map of 17 markers on human chromosome 21. <i>Genomics</i> , 1989, 4, 579-591.	2.9	82
12	MAP, an expert system for multiple pairwise linkage analysis. <i>Annals of Human Genetics</i> , 1989, 53, 263-269.	0.8	65
13	Human gene for torsion dystonia located on chromosome 9q32-q34. <i>Neuron</i> , 1989, 2, 1427-1434.	8.1	246
14	A genetic linkage map of 32 loci on human chromosome 10. <i>Genomics</i> , 1989, 5, 718-726.	2.9	30
15	Genetic and morphological analysis of a maize-teosinte F2 population: implications for the origin of maize.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 9888-9892.	7.1	287
16	Use of Molecular Markers in Breeding for Oligogenic Disease Resistance. <i>Plant Breeding</i> , 1990, 104, 1-19.	1.9	191
17	DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. <i>Nucleic Acids Research</i> , 1990, 18, 6531-6535.	14.5	10,873
18	Genetic analysis of soybean hard seededness with molecular markers. <i>Theoretical and Applied Genetics</i> , 1990, 79, 465-469.	3.6	108

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19	Mapping of ripening-related or -specific cDNA clones of tomato (<i>Lycopersicon esculentum</i>). Theoretical and Applied Genetics, 1990, 79, 489-496.	3.6	57
20	Dystonia gene in Ashkenazi Jewish population is located on chromosome 9q32-34. Annals of Neurology, 1990, 27, 114-120.	5.3	141
21	Molecular mapping of the mouse db mutation.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 8642-8646.	7.1	88
23	A genetic linkage map of chromosome 17. Genomics, 1990, 8, 1-6.	2.9	48
24	The CEPH consortium primary linkage map of human chromosome 10. Genomics, 1990, 6, 393-412.	2.9	74
25	Localization of the von Hippel-Lindau disease gene to a small region of chromosome 3. Genomics, 1990, 8, 634-640.	2.9	153
26	Mapping the human amylase gene cluster on the proximal short arm of chromosome 1 using a highly informative (CA) _n repeat. Genomics, 1990, 7, 97-102.	2.9	37
27	Hyperkalemic periodic paralysis and the adult muscle sodium channel alpha-subunit gene. Science, 1990, 250, 1000-1002.	12.6	332
28	A genetic map of chromosome 1: Comparison of different data sets and linkage programs. Genomics, 1990, 7, 313-318.	2.9	10
29	Counting algorithms for linkage. Annals of Human Genetics, 1990, 54, 103-106.	0.8	8
30	A simple method for ordering loci using data from radiation hybrids. Genomics, 1991, 9, 120-123.	2.9	32
31	Molecular genetic linkage maps of mouse chromosomes 4 and 6. Genomics, 1991, 11, 33-47.	2.9	41
32	Linkage mapping of human polymorphic proteins identified by two-dimensional electrophoresis. Genomics, 1991, 11, 875-884.	2.9	6
33	The CEPH consortium linkage map of human chromosome 1. Genomics, 1991, 9, 686-700.	2.9	113
34	Increased recombination adjacent to the Huntington disease-linked D4S10 marker. Genomics, 1991, 9, 104-112.	2.9	53
35	A genetic linkage map of human chromosome 5 with 60 RFLP loci. Genomics, 1991, 10, 173-185.	2.9	40
36	A genetic linkage map of 27 markers on human chromosome 21. Genomics, 1991, 9, 407-419.	2.9	82
37	Isolation of molecular markers from specific chromosomal intervals using DNA pools from existing mapping populations. Nucleic Acids Research, 1991, 19, 6553-6568.	14.5	381

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38	A genetic map for <i>Brassica napus</i> based on restriction fragment length polymorphisms detected with expressed DNA sequences. <i>Genome</i> , 1991, 34, 543-552.	2.0	161
39	A genetic linkage map of <i>Triticum tauschii</i> (DD) and its relationship to the D genome of bread wheat (AABBDD). <i>Genome</i> , 1991, 34, 362-374.	2.0	278
40	Construction of a restriction fragment length polymorphism map for barley (<i>Hordeum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 Td	2.0	428
41	Identification of restriction fragment length polymorphism and random amplified polymorphic DNA markers linked to downy mildew resistance genes in lettuce, using near-isogenic lines. <i>Genome</i> , 1991, 34, 1021-1027.	2.0	203
42	Counting algorithms for linkage: correction to Morton and Collins. <i>Annals of Human Genetics</i> , 1991, 55, 33-38.	0.8	5
43	Genetic mapping of a gene causing hypertension in the stroke-prone spontaneously hypertensive rat. <i>Cell</i> , 1991, 67, 213-224.	28.9	720
44	The molecular genetic analysis of <i>Triticum tauschii</i> , the D-genome donor to hexaploid wheat. <i>Genome</i> , 1991, 34, 375-386.	2.0	137
45	Linkage mapping of the human CSF2 and IL3 genes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4821-4824.	7.1	16
46	The MADS box gene family in tomato: temporal expression during floral development, conserved secondary structures and homology with homeotic genes from <i>Antirrhinum</i> and <i>Arabidopsis</i> . <i>Plant Journal</i> , 1991, 1, 255-266.	5.7	281
47	A linkage map of <i>Brassica rapa</i> (syn. <i>campestris</i>) based on restriction fragment length polymorphism loci. <i>Theoretical and Applied Genetics</i> , 1991, 82, 296-304.	3.6	221
48	Extended map for the phaseolin linkage group of <i>Phaseolus vulgaris</i> L. <i>Theoretical and Applied Genetics</i> , 1991, 82, 353-357.	3.6	13
49	Identification of an RFLP marker tightly linked to the Ht1 gene in maize. <i>Theoretical and Applied Genetics</i> , 1991, 82, 393-398.	3.6	74
50	RFLP-based genetic map of rye (<i>Secale cereale</i> L.) chromosome 1R. <i>Theoretical and Applied Genetics</i> , 1991, 82, 174-178.	3.6	41
51	Quantitative trait loci for plant height in four maize populations and their associations with qualitative genetic loci. <i>Theoretical and Applied Genetics</i> , 1991, 83, 141-145.	3.6	238
52	Genome-wide reduction in recombination of backcross progeny derived from male versus female gametes in an interspecific cross of tomato. <i>Theoretical and Applied Genetics</i> , 1991, 83, 173-178.	3.6	110
53	Construction of an RFLP map of barley. <i>Theoretical and Applied Genetics</i> , 1991, 83, 250-256.	3.6	542
54	High resolution RFLP map around the root knot nematode resistance gene (Mi) in tomato. <i>Theoretical and Applied Genetics</i> , 1991, 82, 529-536.	3.6	175
55	Genetic analysis of tolerance to low-phosphorus stress in maize using restriction fragment length polymorphisms. <i>Theoretical and Applied Genetics</i> , 1991, 82, 561-568.	3.6	78

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56	A linkage map based on information from four F2 populations of maize (<i>Zea mays</i> L.). Theoretical and Applied Genetics, 1991, 82, 636-644.	3.6	152
57	Inheritance of isozyme and RFLP markers in <i>Brassica campestris</i> and comparison with <i>B. oleracea</i> . Theoretical and Applied Genetics, 1991, 82, 668-673.	3.6	66
58	RFLP maps of potato and their alignment with the homoeologous tomato genome. Theoretical and Applied Genetics, 1991, 83, 49-57.	3.6	404
59	RFLP mapping of I1, a new locus in tomato conferring resistance against <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> race 1. Theoretical and Applied Genetics, 1991, 82, 22-26.	3.6	89
60	The "European Apple Genome Mapping Project"™-developing a strategy for mapping genes coding for agronomic characters in tree species. Euphytica, 1991, 56, 89-94.	1.2	46
61	Review: The cytogenetic and molecular architecture of chromosome 1R—one of the most widely utilized sources of alien chromatin in wheat varieties. Chromosoma, 1991, 101, 1-10.	2.2	72
62	AGL1-AGL6, an Arabidopsis gene family with similarity to floral homeotic and transcription factor genes.. Genes and Development, 1991, 5, 484-495.	5.9	577
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65	DNA Markers in Plant Improvement. Advances in Agronomy, 1991, , 39-90.	5.2	322
66	Organization of the 5S ribosomal RNA genes in the genome of tomato. Genome, 1991, 34, 509-514.	2.0	58
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68	Genetic flanking markers refine diagnostic criteria and provide insights into the genetics of Von Hippel Lindau disease.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2864-2868.	7.1	120
69	The <i>Nor-D3</i> locus of <i>Triticum tauschii</i> : natural variation and genetic linkage to markers in chromosome 5. Genome, 1991, 34, 387-395.	2.0	117
70	Gametophytic selection in a winter Å— spring barley cross. Genome, 1991, 34, 918-922.	2.0	15
71	Molecular Analysis of an Auxin Binding Protein Gene Located on Chromosome 4 of Arabidopsis. Plant Cell, 1992, 4, 193.	6.6	2
72	Genetic analysis of MRL-lpr mice: relationship of the Fas apoptosis gene to disease manifestations and renal disease-modifying loci.. Journal of Experimental Medicine, 1992, 176, 1645-1656.	8.5	331
73	Molecular analysis of an auxin binding protein gene located on chromosome 4 of Arabidopsis.. Plant Cell, 1992, 4, 193-201.	6.6	84

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74	Cloning, genetic mapping, and expression analysis of an <i>Arabidopsis thaliana</i> gene that encodes 1-aminocyclopropane-1-carboxylate synthase.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9969-9973.	7.1	99
75	A comprehensive genetic linkage map of the human genome. NIH/CEPH Collaborative Mapping Group. Science, 1992, 258, 67-86.	12.6	473
76	Restriction Fragment Length Polymorphism Analysis of Plant Genomes and Its Application to Plant Breeding. International Review of Cytology, 1992, 135, 201-237.	6.2	32
77	Global and local genome mapping in <i>Arabidopsis thaliana</i> by using recombinant inbred lines and random amplified polymorphic DNAs.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 1477-1481.	7.1	381
78	Comparative genetic analyses of F_2 plants and anther culture derived plants of maize. Genome, 1992, 35, 575-582.	2.0	67
79	A genetic map for <i>Brassica oleracea</i> based on RFLP markers detected with expressed DNA sequences and mapping of resistance genes to race 2 of <i>Plasmodiophora brassicae</i> (Woronin). Genome, 1992, 35, 409-420.	2.0	181
80	Recent amplification of triose phosphate isomerase related sequences in lettuce. Genome, 1992, 35, 627-635.	2.0	16
81	An RFLP-based linkage map of oats based on a cross between two diploid taxa (<i>Avena atlantica</i> Å—) Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.0	103
82	Single Tree Genetic Linkage Mapping in Conifers Using Haploid DNA from Megagametophytes. Nature Biotechnology, 1992, 10, 686-690.	17.5	132
83	A genetic linkage map of human chromosome 9q. Genomics, 1992, 14, 715-720.	2.9	20
84	Genetic mapping of tandemly repeated telomeric DNA sequences in tomato (<i>Lycopersicon esculentum</i>). Genomics, 1992, 14, 444-448.	2.9	46
85	CPROP: A rule-based program for constructing genetic maps. Genomics, 1992, 12, 435-446.	2.9	28
86	Chromosomal localization of the murine gene and two related sequences encoding high-mobility-group I and Y proteins. Genomics, 1992, 12, 503-509.	2.9	71
87	Genetic mapping of a new homeobox gene to mouse chromosome 7. Genomics, 1992, 14, 1107-1109.	2.9	6
88	Mapping of the motor neuron degeneration (Mnd) gene, a mouse model of amyotrophic lateral sclerosis (ALS). Genomics, 1992, 13, 797-802.	2.9	59
89	A genetic linkage map of restriction fragment length polymorphism loci for <i>Brassica rapa</i> (syn.) Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.0	111
90	Genetic map of nine polymorphic loci comprising a single linkage group on rat chromosome 10: Evidence for linkage conservation with human chromosome 17 and mouse chromosome 11. Genomics, 1992, 14, 618-623.	2.9	49
91	Systematic detection of errors in genetic linkage data. Genomics, 1992, 14, 604-610.	2.9	354

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93	Assignment of rat linkage group V to chromosome 19 by single-strand conformation polymorphism analysis of somatic cell hybrids. Genomics, 1992, 12, 350-356.	2.9	19
94	Construction of a GT polymorphism map of human 9q. Genomics, 1992, 12, 229-240.	2.9	181
95	Molecular mapping of mouse chromosomes 4 and 6: Use of a flow-sorted robertsonian chromosome. Genomics, 1992, 13, 761-769.	2.9	11
96	A multipoint genetic linkage map of mouse chromosome 18. Genomics, 1992, 13, 1143-1149.	2.9	11
97	Genetic and physical map of the interferon region on chromosome 9p. Genomics, 1992, 14, 105-112.	2.9	52
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101	A linkage map of sugar beet (<i>Beta vulgaris</i> L.). Theoretical and Applied Genetics, 1992, 84, 129-135.	3.6	106
102	Restriction fragment length polymorphism and allozyme linkage map of <i>Cuphea lanceolata</i> . Theoretical and Applied Genetics, 1992, 83, 528-532.	3.6	11
103	Segregation distortion and linkage studies in microspore-derived double haploid lines of <i>Hordeum vulgare</i> L.. Theoretical and Applied Genetics, 1992, 83-83, 919-924.	3.6	70
104	RFLP analysis of soybean seed protein and oil content. Theoretical and Applied Genetics, 1992, 83, 608-612.	3.6	310
105	RFLP tagging of a gene for aroma in rice. Theoretical and Applied Genetics, 1992, 84-84, 825-828.	3.6	142
106	RFLP mapping of a major bruchid resistance gene in mungbean (<i>Vigna radiata</i> , L. Wilczek). Theoretical and Applied Genetics, 1992, 84-84, 839-844.	3.6	109
107	The inheritance of restriction fragment length polymorphisms in the flax rust <i>Melampsora lini</i> . Theoretical and Applied Genetics, 1992, 84-84, 845-850.	3.6	7
108	<i>Lycopersicon esculentum</i> lines containing small overlapping introgressions from <i>L. pennellii</i> . Theoretical and Applied Genetics, 1992, 83, 1027-1034.	3.6	126
109	Genetic and physical analysis of the rice bacterial blight disease resistance locus, Xa21. Molecular Genetics and Genomics, 1992, 236, 113-120.	2.4	275

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111	Cloning and mapping of telomere-associated sequences from <i>Hordeum vulgare</i> L.. <i>Molecular Genetics and Genomics</i> , 1992, 235, 153-156.	2.4	65
112	Random sequence oligonucleotide primers detect polymorphic DNA products which segregate in inbred strains of mice. <i>Mammalian Genome</i> , 1992, 3, 73-78.	2.2	50
113	Genetic mapping of the murine gene and 14 related sequences encoding chromosomal protein HMG-14. <i>Mammalian Genome</i> , 1992, 3, 625-632.	2.2	17
114	Sequence of the fourth and fifth Photosystem II Type I chlorophyll a/b-binding protein genes of <i>Arabidopsis thaliana</i> and evidence for the presence of a full complement of the extended CAB gene family. <i>Plant Molecular Biology</i> , 1992, 19, 725-733.	3.9	47
115	Characterization of the Ac/Ds behaviour in transgenic tomato plants using plasmid rescue. <i>Plant Molecular Biology</i> , 1992, 20, 61-70.	3.9	40
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117	Construction of a yeast artificial chromosome library of tomato and identification of cloned segments linked to two disease resistance loci. <i>Molecular Genetics and Genomics</i> , 1992, 233, 25-32.	2.4	124
118	Genetical Studies on the Mode of Inheritance and Localization of the amo1 (High Amylose) Gene in Barley. <i>Plant Breeding</i> , 1992, 109, 274-280.	1.9	28
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120	Genetic dissection of autoimmune type I diabetes in the BB rat. <i>Nature Genetics</i> , 1992, 2, 56-60.	21.4	232
121	Interval mapping of quantitative trait loci in an F2 population. <i>Heredity</i> , 1992, 69, 236-242.	2.6	28
122	Linkage analysis using loglinear models. <i>Computational Statistics and Data Analysis</i> , 1992, 13, 281-290.	1.2	7
123	Restriction fragment length polymorphism analysis of soybean fatty acid content. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1992, 69, 1242-1244.	1.9	58
124	Preliminary ordering of multiple linked loci using pairwise linkage data. <i>Genetic Epidemiology</i> , 1992, 9, 367-375.	1.3	27
125	Quantitative trait loci: individual gene effects on quantitative characters. <i>Journal of Evolutionary Biology</i> , 1993, 6, 463-480.	1.7	23
126	A genetic map of soybean (<i>Glycine max</i> L.) using an intraspecific cross of two cultivars: "Minosy" and "Noir 1". <i>Theoretical and Applied Genetics</i> , 1993, 86, 901-906.	3.6	91
127	Interval mapping of quantitative trait loci for reproductive, morphological, and seed traits of soybean (<i>Glycine max</i> L.). <i>Theoretical and Applied Genetics</i> , 1993, 86, 907-913.	3.6	234

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128	Use of RFLP markers for the identification of alleles of the Pm3 locus conferring powdery mildew resistance in wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 1993, 86, 959-963.	3.6	79
129	Comparative genome analysis of mungbean (<i>Vigna radiata</i> L. Wilczek) and cowpea (<i>V. unguiculata</i> L.) Tj ETQq1 1 0,784314 rgBT /Overl P40	3.6	140
130	Duplicate sequences with a similarity to expressed genes in the genome of <i>Arabidopsis thaliana</i> . <i>Theoretical and Applied Genetics</i> , 1993, 86, 880-888.	3.6	77
131	Linkage of the Fr2 locus controlling soybean root fluorescence and four loci detected by RFLP markers. <i>Theoretical and Applied Genetics</i> , 1993, 85, 921-925.	3.6	21
132	Linkage among isozyme, RFLP and RAPD markers in <i>Vicia faba</i> . <i>Theoretical and Applied Genetics</i> , 1993, 85, 937-945.	3.6	277
133	Development of reliable PCR-based markers linked to downy mildew resistance genes in lettuce. <i>Theoretical and Applied Genetics</i> , 1993, 85, 985-993.	3.6	1,169
134	A molecular marker-based linkage map of diploid bananas (<i>Musa acuminata</i>). <i>Theoretical and Applied Genetics</i> , 1993, 87, 517-526.	3.6	141
135	Towards an integrated linkage map of common bean 2. Development of an RFLP-based linkage map. <i>Theoretical and Applied Genetics</i> , 1993, 85, 513-520.	3.6	189
136	Seed-protein variation in maritime pine (<i>Pinus pinaster</i> Ait.) revealed by two-dimensional electrophoresis: genetic determinism and construction of a linkage map. <i>Theoretical and Applied Genetics</i> , 1993, 85, 521-528.	3.6	39
137	Linkage mapping of sbm-1, a gene conferring resistance to pea seed-borne mosaic virus, using molecular markers in <i>Pisum sativum</i> . <i>Theoretical and Applied Genetics</i> , 1993, 85, 609-615.	3.6	66
138	Genome organization of <i>Magnaporthe grisea</i> : genetic map, electrophoretic karyotype, and occurrence of repeated DNAs. <i>Theoretical and Applied Genetics</i> , 1993, 87, 545-557.	3.6	73
139	Development of an RFLP map in diploid alfalfa. <i>Theoretical and Applied Genetics</i> , 1993, 86-86, 329-332.	3.6	95
140	RFLP mapping of the ym4 virus resistance gene in barley. <i>Theoretical and Applied Genetics</i> , 1993, 86, 689-693.	3.6	95
141	A molecular, isozyme and morphological map of the barley (<i>Hordeum vulgare</i>) genome. <i>Theoretical and Applied Genetics</i> , 1993, 86, 705-712.	3.6	652
142	RFLP analysis of genomic regions associated with cooked-kernel elongation in rice. <i>Theoretical and Applied Genetics</i> , 1993, 87, 27-32.	3.6	73
143	A partial genetic linkage map of slash pine (<i>Pinus elliottii</i> Engelm. var. <i>elliottii</i>) based on random amplified polymorphic DNAs. <i>Theoretical and Applied Genetics</i> , 1993, 87, 145-151.	3.6	111
144	The distribution of RFLP markers on chromosome 2(2H) of barley in relation to the physical and genetic location of 5S rDNA. <i>Theoretical and Applied Genetics</i> , 1993, 87, 177-183.	3.6	42
145	Mapping oligogenic resistance to powdery mildew in mungbean with RFLPs. <i>Theoretical and Applied Genetics</i> , 1993, 87, 243-249.	3.6	85

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146	Molecular and morphological evaluation of doubled-haploid lines in maize. 2. Comparison with single-seed-descent lines. Theoretical and Applied Genetics, 1993, 87, 278-287.	3.6	54
147	High output genetic mapping of polyploids using PCR-generated markers. Theoretical and Applied Genetics, 1993, 86, 105-112.	3.6	88
148	RELp markers linked to two Hessian fly-resistance genes in wheat (<i>Triticum aestivum</i> L.) from <i>Triticum tauschii</i> (coss.) Schmal. Theoretical and Applied Genetics, 1993, 85-85, 750-754.	3.6	79
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150	Multiple pyruvate decarboxylase genes in maize are induced by hypoxia. Molecular Genetics and Genomics, 1993, 240, 206-212.	2.4	40
151	Construction of a basic genetic map for alfalfa using RFLP, RAPD, isozyme and morphological markers. Molecular Genetics and Genomics, 1993, 238-238, 129-137.	2.4	118
152	Genetic and physical mapping of barley telomeres. Molecular Genetics and Genomics, 1993, 238-238, 294-303.	2.4	70
153	Homoeologous relationships of rice, wheat and maize chromosomes. Molecular Genetics and Genomics, 1993, 241-241, 483-490.	2.4	387
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155	Abundance, polymorphism and genetic mapping of microsatellites in rice. Molecular Genetics and Genomics, 1993, 241-241, 225-235.	2.4	441
156	Genetic characterization of the Pto locus of tomato: semi-dominance and cosegregation of resistance to <i>Pseudomonas syringae</i> pathovar tomato and sensitivity to the insecticide Fenthion. Molecular Genetics and Genomics, 1993, 239, 17-27.	2.4	40
157	Identification and genetic mapping of the murine gene and 20 related sequences encoding chromosomal protein HMG-17. Mammalian Genome, 1993, 4, 83-89.	2.2	10
158	Map of seven polymorphic markers on rat Chromosome 14: linkage conservation with human Chromosome 4. Mammalian Genome, 1993, 4, 90-94.	2.2	12
159	Induction of a proteinase inhibitor II-class gene by auxin in tomato roots. Plant Molecular Biology, 1993, 23, 1005-1014.	3.9	38
160	Organisation of the tomato polyphenol oxidase gene family. Plant Molecular Biology, 1993, 21, 1035-1051.	3.9	155
161	Transposition pattern of a modified Ds element in tomato. Plant Molecular Biology, 1993, 21, 1109-1119.	3.9	15
162	Genetic and physical mapping of telomeres and macrosatellites of rice. Plant Molecular Biology, 1993, 22, 861-872.	3.9	79
163	Characterization of tomato DNA clones with sequence similarity to human minisatellites 33.6 and 33.15. Plant Molecular Biology, 1993, 23, 231-242.	3.9	27

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164	Linkage map of seven polymorphic markers on rat Chromosome 18. <i>Mammalian Genome</i> , 1993, 4, 265-270.	2.2	23
165	A Macintosh program for storage and analysis of experimental genetic mapping data. <i>Mammalian Genome</i> , 1993, 4, 303-313.	2.2	642
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1109	Chromosomal Location and Genetic Relationship of Leaf Rust Resistance Genes Rph9 and Rph12 in Barley. <i>Phytopathology</i> , 1998, 88, 76-80.	2.2	56
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1114	Quantitative Trait and QTL Analysis. <i>Japanese Journal of Crop Science</i> , 1999, 68, 179-186.	0.2	3
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1178	Title is missing!. <i>Euphytica</i> , 1999, 105, 133-141.	1.2	32
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1238	Identification of genetic loci affecting amylose content and agronomic traits on chromosome 4A of wheat. <i>Theoretical and Applied Genetics</i> , 1999, 98, 977-984.	3.6	126
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#	ARTICLE	IF	CITATIONS
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1407	Molecular tagging of the Am gene from <i>Lycopersicon hirsutum</i> f. <i>glabratum</i> PI 134417 using AFLP markers. <i>Acta Physiologiae Plantarum</i> , 2000, 22, 291-293.	2.1	4
1408	Genetics of atopy in a mouse model: polymorphism of the IL-5 receptor β chain. <i>Immunogenetics</i> , 2000, 51, 632-638.	2.4	14
1409	Molecular cloning and linkage analysis of complement C3 and C4 genes of the Japanese medaka fish. <i>Immunogenetics</i> , 2000, 51, 117-128.	2.4	114
1410	Fine mapping of trypanosomiasis resistance loci in murine advanced intercross lines. <i>Mammalian Genome</i> , 2000, 11, 645-648.	2.2	128
1411	Quantitative trait loci that modify the sootiness of yellow pigmentation in KK-A y/a mice. <i>Mammalian Genome</i> , 2000, 11, 639-644.	2.2	9
1412	Detection of quantitative trait loci for body weight at 10 weeks from Philippine wild mice. <i>Mammalian Genome</i> , 2000, 11, 824-830.	2.2	45
1413	Genome scan identifies a locus affecting gamma-globin level in human beta-cluster YAC transgenic mice. <i>Mammalian Genome</i> , 2000, 11, 1024-1029.	2.2	3

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1415	Construction of a high-throughput rat genetic mapping system with 466 arbitrarily primed-representational difference analysis markers. <i>Mammalian Genome</i> , 2000, 11, 982-988.	2.2	4
1416	A genetic map of Maritime pine based on AFLP, RAPD and protein markers. <i>Theoretical and Applied Genetics</i> , 2000, 100, 39-48.	3.6	67
1417	A combined RFLP and AFLP linkage map of upland rice (<i>Oryza sativa</i> L.) used to identify QTLs for root-penetration ability. <i>Theoretical and Applied Genetics</i> , 2000, 100, 49-56.	3.6	196
1418	RAPD linkage mapping of the shell thickness locus in oil palm (<i>Elaeis guineensis</i> Jacq.). <i>Theoretical and Applied Genetics</i> , 2000, 100, 63-70.	3.6	44
1419	Genetic control of domestication traits in pearl millet (<i>Pennisetum glaucum</i> L., Poaceae). <i>Theoretical and Applied Genetics</i> , 2000, 100, 147-159.	3.6	136
1420	High-resolution linkage analysis and physical characterization of the EIX-responding locus in tomato. <i>Theoretical and Applied Genetics</i> , 2000, 100, 184-189.	3.6	47
1421	Comparative molecular mapping in <i>Ceratotropis</i> species using an interspecific cross between azuki bean (<i>Vigna angularis</i>) and rice bean (<i>V. umbellata</i>). <i>Theoretical and Applied Genetics</i> , 2000, 100, 207-213.	3.6	49
1422	Identification and molecular mapping of loci controlling fruit ripening time in tomato. <i>Theoretical and Applied Genetics</i> , 2000, 100, 249-255.	3.6	32
1423	Fgr, a major locus that modulates the fructose to glucose ratio in mature tomato fruits. <i>Theoretical and Applied Genetics</i> , 2000, 100, 256-262.	3.6	66
1424	QTL mapping for the paste viscosity characteristics in rice (<i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2000, 100, 280-284.	3.6	106
1425	RAPD markers linked to a gene for resistance to pine needle gall midge in Japanese black pine (<i>Pinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.6	28
1426	QTL analysis of leaf morphology in tetraploid <i>Gossypium</i> (cotton). <i>Theoretical and Applied Genetics</i> , 2000, 100, 409-418.	3.6	107
1427	AFLP-derived STS markers for the identification of sex in <i>Asparagus officinalis</i> L.. <i>Theoretical and Applied Genetics</i> , 2000, 100, 432-438.	3.6	73
1428	RAPD linkage map of the genomic region encompassing the root-knot nematode (<i>Meloidogyne javanica</i>) resistance locus in carrot. <i>Theoretical and Applied Genetics</i> , 2000, 100, 439-446.	3.6	39
1429	Fine mapping of a quantitative trait locus (QTL) from <i>Lycopersicon hirsutum</i> chromosome 1 affecting fruit characteristics and agronomic traits: breaking linkage among QTLs affecting different traits and dissection of heterosis for yield. <i>Theoretical and Applied Genetics</i> , 2000, 100, 471-479.	3.6	126
1430	QTL analysis of flower and fruit traits in sour cherry. <i>Theoretical and Applied Genetics</i> , 2000, 100, 535-544.	3.6	74
1431	The Q locus of Iranian and European spelt wheat. <i>Theoretical and Applied Genetics</i> , 2000, 100, 602-606.	3.6	28

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1433	Construction of an improved linkage map of diploid alfalfa (<i>Medicago sativa</i>). Theoretical and Applied Genetics, 2000, 100, 641-657.	3.6	93
1434	AFLP analysis of African cassava (<i>Manihot esculenta</i> Crantz) germplasm resistant to the cassava mosaic disease (CMD). Theoretical and Applied Genetics, 2000, 100, 678-685.	3.6	89
1435	Microsatellite mapping of the induced sphaerococcoid mutation genes in <i>Triticum aestivum</i> . Theoretical and Applied Genetics, 2000, 100, 686-689.	3.6	63
1436	Mapping and genome organization of microsatellite sequences in rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2000, 100, 697-712.	3.6	728
1437	Molecular mapping of a rice gene conditioning thermosensitive genic male sterility using AFLP, RFLP and SSR techniques. Theoretical and Applied Genetics, 2000, 100, 727-734.	3.6	82
1438	Genetic analysis of temperature-sensitive male sterility in rice. Theoretical and Applied Genetics, 2000, 100, 794-801.	3.6	33
1439	AFLP and CAPS linkage maps of <i>Cryptomeria japonica</i> . Theoretical and Applied Genetics, 2000, 100, 825-831.	3.6	50
1440	Genetic mapping of the <i>Lablab purpureus</i> genome suggests the presence of "cuckoo" gene(s) in this species. Theoretical and Applied Genetics, 2000, 100, 866-871.	3.6	25
1441	A genetic map of the <i>Nicotiana glauca</i> S locus that includes three pollen-expressed genes. Theoretical and Applied Genetics, 2000, 100, 956-964.	3.6	28
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1443	Inheritance of citrus nematode resistance and its linkage with molecular markers. Theoretical and Applied Genetics, 2000, 100, 1010-1017.	3.6	80
1444	Advanced backcross QTL analysis of a <i>Lycopersicon esculentum</i> × <i>Lycopersicon parviflorum</i> cross. Theoretical and Applied Genetics, 2000, 100, 1025-1042.	3.6	161
1445	Fine mapping and DNA marker-assisted pyramiding of the three major genes for blast resistance in rice. Theoretical and Applied Genetics, 2000, 100, 1121-1128.	3.6	400
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1447	QTL analysis of bread-making quality in wheat using a doubled haploid population. Theoretical and Applied Genetics, 2000, 100, 1167-1175.	3.6	143
1448	Mapping quantitative trait loci (QTLs) for resistance to <i>Cercospora</i> leaf spot disease (<i>Cercospora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	44
1449	Genetic mapping of jointless-2 to tomato chromosome 12 using RFLP and RAPD markers. Theoretical and Applied Genetics, 2000, 100, 1183-1189.	3.6	21

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1451	Targeted resistance gene mapping in soybean using modified AFLPs. Theoretical and Applied Genetics, 2000, 100, 1279-1283.	3.6	62
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1453	Mapping of simple sequence repeat (SSR) DNA markers in diploid and tetraploid alfalfa. Theoretical and Applied Genetics, 2000, 101, 165-172.	3.6	83
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1457	Molecular mapping of the wheat powdery mildew resistance gene Pm24 and marker validation for molecular breeding. Theoretical and Applied Genetics, 2000, 101, 407-414.	3.6	135
1458	Characterization of microsatellite markers in peach [<i>Prunus persica</i> (L.) Batsch]. Theoretical and Applied Genetics, 2000, 101, 421-428.	3.6	286
1459	Inheritance and genetic mapping of cucumber mosaic virus resistance introgressed from <i>Lycopersicon chilense</i> into tomato. Theoretical and Applied Genetics, 2000, 101, 527-537.	3.6	70
1460	Mapping quantitative trait loci controlling sheath blight resistance in two rice cultivars (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342	3.6	158
1461	Interspecific genetic linkage map, segregation distortion and genetic conversion in coffee (<i>Coffea</i> sp.). Theoretical and Applied Genetics, 2000, 101, 669-676.	3.6	111
1462	A comparative map of wild rice (<i>Zizania palustris</i> L. 2n=2x=30). Theoretical and Applied Genetics, 2000, 101, 677-684.	3.6	23
1463	Resistance to late blight in <i>Solanum bulbocastanum</i> is mapped to chromosome 8. Theoretical and Applied Genetics, 2000, 101, 697-704.	3.6	142
1464	Quantitative trait loci for the stay green trait in sorghum (<i>Sorghum bicolor</i> L. Moench): consistency across genetic backgrounds and environments. Theoretical and Applied Genetics, 2000, 101, 733-741.	3.6	174
1465	Mapping QTLs for root traits in a recombinant inbred population from two indica ecotypes in rice. Theoretical and Applied Genetics, 2000, 101, 756-766.	3.6	131
1466	Molecular mapping of the Rph7.g leaf rust resistance gene in barley (<i>Hordeum vulgare</i> L.). Theoretical and Applied Genetics, 2000, 101, 783-788.	3.6	54
1467	Expression of two soybean resistance gene candidates shows divergence of paralogous single-copy genes. Theoretical and Applied Genetics, 2000, 101, 789-795.	3.6	19

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1469	Genetic bases of appearance quality of rice grains in Shanyou 63, an elite rice hybrid. <i>Theoretical and Applied Genetics</i> , 2000, 101, 823-829.	3.6	263
1470	Genetic mapping of resistance to bacterial blight disease in cassava (<i>Manihot esculenta</i> Crantz). <i>Theoretical and Applied Genetics</i> , 2000, 101, 865-872.	3.6	77
1471	fs8.1, a major QTL, sets the pattern of tomato carpel shape well before anthesis. <i>Theoretical and Applied Genetics</i> , 2000, 101, 873-878.	3.6	61
1472	Mapping a high oleic acid mutation in winter oilseed rape (<i>Brassica napus</i> L.). <i>Theoretical and Applied Genetics</i> , 2000, 101, 897-901.	3.6	77
1473	QTL mapping for resistance against the European corn borer (<i>Ostrinia nubilalis</i> H.) in early maturing European dent germplasm. <i>Theoretical and Applied Genetics</i> , 2000, 101, 907-917.	3.6	68
1474	Application of synteny across Poaceae to determine the map location of a sugarcane rust resistance gene. <i>Theoretical and Applied Genetics</i> , 2000, 101, 962-969.	3.6	54
1475	Genes/QTLs affecting flood tolerance in rice. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1074-1081.	3.6	72
1476	Detection and cloning of expressed sequences linked to a target gene. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1109-1113.	3.6	16
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1478	A linkage map of the chickpea (<i>Cicer arietinum</i> L.) genome based on recombinant inbred lines from a <i>C. arietinum</i> × <i>C. reticulatum</i> cross: localization of resistance genes for fusarium wilt races 4 and 5. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1155-1163.	3.6	269
1479	Mapping of four major rice blast resistance genes from <i>Leontopodium</i> and <i>Teqing</i> and evaluation of their combinatorial effect for field resistance. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1215-1225.	3.6	102
1480	Identification of QTLs influencing wood property traits in loblolly pine (<i>Pinus taeda</i> L.). I. Physical wood properties. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1273-1281.	3.6	91
1481	AFLP mapping of QTLs for in vitro organogenesis traits using recombinant inbred lines in sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2000, 101, 1299-1306.	3.6	59
1482	A first interspecific <i>Oryza sativa</i> × <i>Oryza glaberrima</i> microsatellite-based genetic linkage map. <i>Theoretical and Applied Genetics</i> , 2000, 100, 593-601.	3.6	70
1483	A nonphotochemical-quenching-deficient mutant of <i>Arabidopsis thaliana</i> possessing normal pigment composition and xanthophyll-cycle activity. <i>Planta</i> , 2000, 210, 205-214.	3.2	40
1484	Isolation of Molecular Markers Linked to the Cry Locus Conferring Resistance to Cucumber mosaic cucumovirus Infection in Cowpea. <i>Journal of General Plant Pathology</i> , 2000, 66, 242-250.	1.0	9
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1490	Genetic Mapping of Factors Affecting Quantitative Variation for Flowering in Sunflower. Crop Science, 2000, 40, 404-407.	1.8	27
1491	Quantitative Trait Loci for Antibiosis Resistance to Corn Earworm in Soybean. Crop Science, 2000, 40, 233-238.	1.8	87
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1493	Genetic Mapping of a Body Weight Trait in Chicken. Nihon Chikusan Gakkaiho, 2000, 71, 130-136.	0.2	3
1494	Quantitative Trait Locus Analysis of Flowering Time in Soybean Using a RFLP Linkage Map.. Breeding Science, 2000, 50, 109-115.	1.9	36
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1499	Molecular Marker Mapping of <i>RSV-4</i> , a Gene Conferring Resistance to all Known Strains of Soybean Mosaic Virus. Crop Science, 2000, 40, 1434-1437.	1.8	139
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1561	<i>Arabidopsis thaliana</i> : A source of candidate disease-resistance genes for <i>Brassica napus</i> . <i>Genome</i> , 2000, 43, 452-460.	2.0	43
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1566	Two Genetic Loci Regulate T Cell-Dependent Islet Inflammation and Drive Autoimmune Diabetes Pathogenesis. <i>American Journal of Human Genetics</i> , 2000, 67, 67-81.	6.2	51
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1577	Combined AFLP and RFLP mapping in two hexaploid oat recombinant inbred populations. <i>Genome</i> , 2000, 43, 94-101.	2.0	31
1578	The Complete Sequence of 340 kb of DNA around the Rice <i>Adh1</i> – <i>Adh2</i> Region Reveals Interrupted Colinearity with Maize Chromosome 4. <i>Plant Cell</i> , 2000, 12, 381-391.	6.6	224
1579	Inheritance and RAPD tagging of multiple genes for resistance to net blotch in barley. <i>Genome</i> , 2000, 43, 224-231.	2.0	45
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1607	Mapping and promoter sequencing of HNF-1 ^β gene in diabetes-prone and -resistant mice. <i>Diabetes Research and Clinical Practice</i> , 2001, 53, 67-71.	2.8	8
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1609	A linkage map of hexaploid oat based on grass anchor DNA clones and its relationship to other oat maps. <i>Genome</i> , 2001, 44, 249-265.	2.0	72
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1635	A Retrospective DNA Marker Assessment of the Development of Insect Resistant Soybean. <i>Crop Science</i> , 2001, 41, 1931-1939.	1.8	65
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1641	Genomic Regions That Underlie Soybean Seed Isoflavone Content. <i>Journal of Biomedicine and Biotechnology</i> , 2001, 1, 38-44.	3.0	74
1642	Mapping of QTLs associated with cytosolic glutamine synthetase and NADH-dependent glutamate synthase in rice (<i>Oryza sativa</i> L.) Tj ETQq1.1 0.784314 rgBT (4.8%)	4.8	35
1643	Selected Contribution: Variation in acute hypoxic ventilatory response is linked to mouse chromosome 9. <i>Journal of Applied Physiology</i> , 2001, 90, 1615-1622.	2.5	38
1644	Mapping of microsatellite loci and association of aorta atherosclerosis with LG VI markers in the rabbit. <i>Physiological Genomics</i> , 2001, 6, 11-18.	2.3	10
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1646	Identification of two susceptibility loci for vascular fragility in the Brown Norway rat. <i>Physiological Genomics</i> , 2001, 6, 183-189.	2.3	11
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1650	Differences in recombination frequencies during female and male meioses of the sex chromosomes of the medaka, <i>Oryzias latipes</i> . <i>Genetical Research</i> , 2001, 78, 23-30.	0.9	91
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1652	QTL analysis of fertility-restoration against cytoplasmic male sterility in wheat.. <i>Genes and Genetic Systems</i> , 2001, 76, 33-38.	0.7	30
1653	Modulations in Gene Expression and Mapping of Genes Associated with Cyst Nematode Infection of Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 42-54.	2.6	35
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1659	Validation of molecular markers for wheat breeding. <i>Australian Journal of Agricultural Research</i> , 2001, 52, 1357.	1.5	84
1660	Identification of QTLs for Resistance to <i>Sclerotinia sclerotiorum</i> in Soybean. <i>Crop Science</i> , 2001, 41, 180-188.	1.8	159
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1662	Genetic Mapping and Analysis of Quantitative Trait Loci for Resistance to Stalk Tunneling by the European Corn Borer in Maize. <i>Crop Science</i> , 2001, 41, 835-845.	1.8	63
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1664	GENETIC LINKAGE MAPPING IN AN INTRASPECIFIC CROSS OF WALNUT (<i>Juglans regia</i> L.) USING MOLECULAR MARKERS. <i>Acta Horticulturae</i> , 2001, , 179-185.	0.2	12
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1668	Loci underlying resistance to Race 3 of soybean cyst nematode in <i>Glycine soja</i> plant introduction 468916. <i>Theoretical and Applied Genetics</i> , 2001, 103, 561-566.	3.6	90
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1670	Genetic analysis of kernel hardness in bread wheat using PCR-based markers. <i>Theoretical and Applied Genetics</i> , 2001, 103, 601-606.	3.6	41
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1672	Low rate of proliferation in immature thymocytes of the non-obese diabetic mouse maps to the <i>Idd6</i> diabetes susceptibility region. <i>Diabetologia</i> , 2001, 44, 1054-1061.	6.3	19
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1677	Genetic mapping of a neurological mutation cerebellar calcification in the rat. <i>Mammalian Genome</i> , 2001, 12, 80-82.	2.2	1
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1681	Quantitative trait loci affecting growth in high growth (hg) mice. <i>Mammalian Genome</i> , 2001, 12, 284-290.	2.2	51
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1683	A genetic linkage map of European chestnut (<i>Castanea sativa</i> Mill.) based on RAPD, ISSR and isozyme markers. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1190-1199.	3.6	109
1684	A kiwifruit (<i>Actinidia</i> spp.) linkage map based on microsatellites and integrated with AFLP markers. <i>Theoretical and Applied Genetics</i> , 2001, 103, 30-36.	3.6	67

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1686	QTL mapping of fruit-related traits in pepper (<i>Capsicum annuum</i>). <i>Theoretical and Applied Genetics</i> , 2001, 102, 1016-1028.	3.6	193
1687	Comparative AFLP mapping in two hexaploid oat populations. <i>Theoretical and Applied Genetics</i> , 2001, 102, 876-884.	3.6	30
1688	Linkage map of Japanese black pine based on AFLP and RAPD markers including markers linked to resistance against the pine needle gall midge. <i>Theoretical and Applied Genetics</i> , 2001, 102, 871-875.	3.6	16
1689	Molecular mapping of genes conferring aluminum tolerance in rice (<i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 1002-1010.	3.6	92
1690	RFLP linkage map of the Ethiopian cereal tef [<i>Eragrostis tef</i> (Zucc) Trotter]. <i>Theoretical and Applied Genetics</i> , 2001, 102, 957-964.	3.6	29
1691	Mapping and sequence analysis of barley hordoinolines. <i>Theoretical and Applied Genetics</i> , 2001, 102, 833-840.	3.6	53
1692	Detection of loci controlling seed dormancy on group 4 chromosomes of wheat and comparative mapping with rice and barley genomes. <i>Theoretical and Applied Genetics</i> , 2001, 102, 980-985.	3.6	151
1693	Identification of AFLP markers linked to resistance of cowpea (<i>Vigna unguiculata</i> L.) to parasitism by <i>Striga gesnerioides</i> . <i>Theoretical and Applied Genetics</i> , 2001, 102, 1029-1036.	3.6	86
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1695	Linkage mapping of mutant loci in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 103, 70-74.	3.6	21
1696	DNA markers for <i>Fusarium</i> head blight resistance QTLs in two wheat populations. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1164-1168.	3.6	436
1697	Identification and mapping of a new leaf stripe resistance gene in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 1286-1291.	3.6	34
1698	A reciprocal translocation between â€™Garfiâ€™ almond and â€™Nemaredâ€™ peach. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1169-1176.	3.6	76
1699	Extending a RFLP-based genetic map of rye using random amplified polymorphic DNA (RAPD) and isozyme markers. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1273-1279.	3.6	52
1700	A core genetic map of <i>Hordeum chilense</i> and comparisons with maps of barley (<i>Hordeum vulgare</i>) and wheat (<i>Triticum aestivum</i>). <i>Theoretical and Applied Genetics</i> , 2001, 102, 1259-1264.	3.6	63
1701	Simple sequence repeat (SSR) markers survey of the cassava (<i>Manihot esculenta</i> Crantz) genome: towards an SSR-based molecular genetic map of cassava. <i>Theoretical and Applied Genetics</i> , 2001, 102, 21-31.	3.6	179
1702	Identification of a new major QTL associated with resistance to soybean cyst nematode (<i>Heterodera</i>) TJ ETQq1 1 0.784314 rgBT /Overlo	3.6	34

#	ARTICLE	IF	CITATIONS
1703	Heredity and genetic mapping of domestication-related traits in a temperate japonica weedy rice. <i>Theoretical and Applied Genetics</i> , 2001, 102, 118-126.	3.6	103
1704	Molecular linkage map for an intraspecific recombinant inbred population of durum wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT/Overl	3.6	107
1705	Microsatellite markers identify three additional quantitative trait loci for resistance to soybean sudden-death syndrome (SDS) in Essex Å— Forrest RILs. <i>Theoretical and Applied Genetics</i> , 2001, 102, 187-192.	3.6	93
1706	Identification of QTLs for grain yield and grain-related traits of maize (<i>Zeamays</i> L.) using an AFLP map, different testers, and cofactor analysis. <i>Theoretical and Applied Genetics</i> , 2001, 102, 230-243.	3.6	45
1707	Genetic analysis of organoleptic quality in fresh market tomato. 1. Mapping QTLs for physical and chemical traits. <i>Theoretical and Applied Genetics</i> , 2001, 102, 259-272.	3.6	191
1708	A rapid PCR-based method for genetically mapping ESTs. <i>Theoretical and Applied Genetics</i> , 2001, 102, 296-306.	3.6	55
1709	Use of recombinant inbred lines (RILs) to identify, locate and map major genes and quantitative trait loci involved with in vitro regeneration ability in <i>Arabidopsis thaliana</i> . <i>Theoretical and Applied Genetics</i> , 2001, 102, 335-341.	3.6	26
1710	Cytogenetic and molecular mapping of the leaf rust resistance gene Lr39 in wheat. <i>Theoretical and Applied Genetics</i> , 2001, 102, 347-352.	3.6	88
1711	Isolation and characterization of novel cDNA clones of acidic chitinases and β -1,3-glucanases from wheat spikes infected by <i>Fusarium graminearum</i> . <i>Theoretical and Applied Genetics</i> , 2001, 102, 353-362.	3.6	119
1712	Isolation, characterization and chromosomal location of a novel zinc-finger protein gene that is down-regulated by salt stress. <i>Theoretical and Applied Genetics</i> , 2001, 102, 363-368.	3.6	4
1713	A direct comparison between the genetic maps of sorghum and rice. <i>Theoretical and Applied Genetics</i> , 2001, 102, 379-386.	3.6	23
1714	Evidence for homology of flowering-time genes VFR2 from <i>Brassica rapa</i> and FLC from <i>Arabidopsis thaliana</i> . <i>Theoretical and Applied Genetics</i> , 2001, 102, 425-430.	3.6	85
1715	Molecular mapping of a fertility restoration locus (Rfm1) for cytoplasmic male sterility in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 477-482.	3.6	27
1716	STS markers linked to Phoma resistance genes of the Brassica B-genome revealed sequence homology between <i>Brassica nigra</i> and <i>Brassica napus</i> . <i>Theoretical and Applied Genetics</i> , 2001, 102, 483-488.	3.6	24
1717	Quantitative trait loci for growing degree days to flowering and photoperiod response in Sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 497-503.	3.6	69
1718	Microsatellite markers linked to six Russian wheat aphid resistance genes in wheat. <i>Theoretical and Applied Genetics</i> , 2001, 102, 504-510.	3.6	132
1719	A candidate gene approach identified phytoene synthase as the locus for mature fruit color in red pepper (<i>Capsicum</i> spp.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 524-530.	3.6	123
1720	An interspecific (<i>Capsicum annuum</i> Å— <i>C. chinese</i>) F2 linkage map in pepper using RFLP and AFLP markers. <i>Theoretical and Applied Genetics</i> , 2001, 102, 531-539.	3.6	112

#	ARTICLE	IF	CITATIONS
1721	Molecular mapping of the <i>cnx2</i> locus involved in molybdenum cofactor biosynthesis in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	0
1722	Identification of molecular markers for resistance to <i>Septoria nodorum</i> blotch in durum wheat. Theoretical and Applied Genetics, 2001, 102, 551-554.	3.6	30
1723	Microsatellite markers for genome analysis in Brassica. II. Assignment of rapeseed microsatellites to the A and C genomes and genetic mapping in Brassica oleracea L. Theoretical and Applied Genetics, 2001, 102, 695-699.	3.6	53
1724	A genetic map of rye (<i>Secale cereale</i> L.) combining RFLP, isozyme, protein, microsatellite and gene loci. Theoretical and Applied Genetics, 2001, 102, 709-717.	3.6	118
1725	Identification of inter simple sequence repeat (ISSR) markers associated with seed size in wheat. Theoretical and Applied Genetics, 2001, 102, 726-732.	3.6	113
1726	Inter-MITE polymorphisms (IMP): a high throughput transposon-based genome mapping and fingerprinting approach. Theoretical and Applied Genetics, 2001, 102, 773-781.	3.6	62
1727	Quantitative trait loci influencing drought tolerance in grain sorghum (<i>Sorghum bicolor</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td	3.6	214
1728	Association of dominant loci for resistance to <i>Pseudomonas syringae</i> pv. pisi with linkage groups II, VI and VII of <i>Pisum sativum</i> . Theoretical and Applied Genetics, 2001, 103, 129-135.	3.6	28
1729	Diversity and evolution of a non-TIR-NBS sequence family that clusters to a chromosomal "hotspot" for disease resistance genes in soybean. Theoretical and Applied Genetics, 2001, 103, 406-414.	3.6	39
1730	Sequence-related amplified polymorphism (SRAP), a new marker system based on a simple PCR reaction: its application to mapping and gene tagging in Brassica. Theoretical and Applied Genetics, 2001, 103, 455-461.	3.6	1,198
1731	Identification of quantitative trait loci associated with resistance to cucumber mosaic virus in <i>Capsicum annuum</i> . Theoretical and Applied Genetics, 2001, 102, 1213-1220.	3.6	87
1732	Segregation distortion at marker loci: variation during microspore embryogenesis in maize. Theoretical and Applied Genetics, 2001, 102, 993-1001.	3.6	22
1733	Genetic mapping of QTLs conditioning soybean sprout yield and quality. Theoretical and Applied Genetics, 2001, 103, 702-709.	3.6	56
1734	"Forrest" resistance to the soybean cyst nematode is bigenic: saturation mapping of the <i>Rhg1</i> and <i>Rhg4</i> loci. Theoretical and Applied Genetics, 2001, 103, 710-717.	3.6	156
1735	Construction of a high-resolution linkage map of a rice brown planthopper (<i>Nilaparvata lugens</i> Stål) resistance gene <i>bph2</i> . Theoretical and Applied Genetics, 2001, 103, 526-532.	3.6	63
1736	Genetic mapping of gray leaf spot (GLS) resistance genes in maize. Theoretical and Applied Genetics, 2001, 103, 797-803.	3.6	57
1737	Exploiting quantitative information in the analysis of dominant markers. Theoretical and Applied Genetics, 2001, 103, 462-468.	3.6	6
1738	QTL analysis and mapping of <i>pi21</i> , a recessive gene for field resistance to rice blast in Japanese upland rice. Theoretical and Applied Genetics, 2001, 103, 185-190.	3.6	151

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1739	Comparative mapping of QTLs determining the plant size of <i>Brassica oleracea</i> . <i>Theoretical and Applied Genetics</i> , 2001, 103, 383-397.	3.6	31
1740	Identification of a mutant fatty acid elongase allele from zero-percent erucic acid <i>Sinapis alba</i> . <i>Theoretical and Applied Genetics</i> , 2001, 103, 752-757.	3.6	2
1741	A genetic linkage map of <i>Nicotiana plumbaginifolia</i> / <i>Nicotiana longiflora</i> based on RFLP and RAPD markers. <i>Theoretical and Applied Genetics</i> , 2001, 103, 905-911.	3.6	30
1742	QTLs for agronomic traits from a Mediterranean barley progeny grown in several environments. <i>Theoretical and Applied Genetics</i> , 2001, 103, 774-787.	3.6	109
1743	Seed quality QTLs identified in a molecular map of early maturing soybean. <i>Theoretical and Applied Genetics</i> , 2001, 103, 912-919.	3.6	175
1744	Identification and characterization of a novel locus controlling early fruit development in tomato. <i>Theoretical and Applied Genetics</i> , 2001, 103, 353-358.	3.6	91
1745	QTL analysis of tolerance to a German strain of BYDV-PAV in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 103, 1074-1083.	3.6	61
1746	Molecular mapping of gene Gm-6(t) which confers resistance against four biotypes of Asian rice gall midge in China. <i>Theoretical and Applied Genetics</i> , 2001, 103, 953-961.	3.6	46
1747	A major QTL for powdery mildew resistance is stable over time and at two development stages in winter wheat. <i>Theoretical and Applied Genetics</i> , 2001, 103, 962-971.	3.6	60
1748	Detecting and mapping repulsion-phase linkage in polyploids with polysomic inheritance. <i>Theoretical and Applied Genetics</i> , 2001, 103, 136-143.	3.6	35
1749	Molecular identification of the yellow fruit color (c) locus in diploid strawberry: a candidate gene approach. <i>Theoretical and Applied Genetics</i> , 2001, 103, 316-322.	3.6	64
1750	An integrated interspecific AFLP map of lettuce (<i>Lactuca</i>) based on two <i>L. sativa</i> × <i>L. saligna</i> F2 populations. <i>Theoretical and Applied Genetics</i> , 2001, 103, 638-647.	3.6	83
1751	Identification of a second linkage group carrying genes controlling resistance to downy mildew (<i>Plasmopara halstedii</i>) in sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 103, 992-997.	3.6	68
1752	Mapping quantitative trait loci for milling quality, protein content and color characteristics of rice using a recombinant inbred line population derived from an elite rice hybrid. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1037-1045.	3.6	158
1753	SSR mapping and confirmation of the QTL from PI96354 conditioning soybean resistance to southern root-knot nematode. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1167-1173.	3.6	77
1754	High-density physical maps reveal that the dominant male-sterile gene Ms3 is located in a genomic region of low recombination in wheat and is not amenable to map-based cloning. <i>Theoretical and Applied Genetics</i> , 2001, 103, 998-1006.	3.6	44
1755	An RGA “like marker detects all known Lr21 leaf rust resistance gene family members in <i>Aegilops tauschii</i> and wheat. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1007-1013.	3.6	91
1756	Re-evaluation of the prospects of marker-assisted selection for improving insect resistance against <i>Diatraea</i> spp. in tropical maize by cross validation and independent validation. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1059-1067.	3.6	58

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1757	Defense response genes co-localize with quantitative disease resistance loci in pepper. Theoretical and Applied Genetics, 2001, 103, 920-929.	3.6	60
1758	Cleaved amplified polymorphic sequence markers in sugi, <i>Cryptomeria japonica</i> D. Don, and their locations on a linkage map. Theoretical and Applied Genetics, 2001, 103, 881-895.	3.6	49
1759	Quantitative trait loci for yield components in oil palm (<i>Elaeis guineensis</i> Jacq.). Theoretical and Applied Genetics, 2001, 103, 1302-1310.	3.6	76
1760	Localization and fine mapping of gaMS-1, a male gametophytic mutant of maize. Sexual Plant Reproduction, 2001, 14, 95-99.	2.2	2
1761	Rice ESTs with disease-resistance gene- or defense-response gene-like sequences mapped to regions containing major resistance genes or QTLs. Molecular Genetics and Genomics, 2001, 265, 302-310.	2.1	82
1762	The rice retrotransposon Tos17 prefers low-copy-number sequences as integration targets. Molecular Genetics and Genomics, 2001, 265, 336-344.	2.1	87
1763	Analysis of the introgression of <i>Solanum bulbocastanum</i> DNA into potato breeding lines. Molecular Genetics and Genomics, 2001, 265, 694-704.	2.1	41
1764	Fine genetic mapping and BAC contig development for the citrus tristeza virus resistance gene locus in <i>Poncirus trifoliata</i> (Raf.). Molecular Genetics and Genomics, 2001, 265, 739-747.	2.1	42
1765	Characterization and mapping of Rpi1, a late-blight resistance locus from diploid (1EBN) Mexican <i>Solanum pinnatisectum</i> . Molecular Genetics and Genomics, 2001, 265, 977-985.	2.1	122
1766	Genome-wide linkage analysis of <i>Arabidopsis</i> genes required for leaf development. Molecular Genetics and Genomics, 2001, 266, 12-19.	2.1	46
1767	Identification of a BIBAC clone that co-segregates with the petunia Restorer of fertility (Rf) gene. Molecular Genetics and Genomics, 2001, 266, 223-230.	2.1	25
1768	Micron, a microsatellite-targeting transposable element in the rice genome. Molecular Genetics and Genomics, 2001, 266, 471-480.	2.1	62
1769	Genetic analysis and gene mapping of a rice few-tillering mutant in early backcross populations (<i>Oryza</i>) Tj ETQq0 0.0.rgBT /Overlock 10 1.3	1.3	8
1770	nonstress environment. Science in China Series C: Life Sciences, 2001, 44, 73-82.	1.3	23
1771	White rust (<i>Albugo candida</i>) resistance loci on three <i>Arabidopsis</i> chromosomes are closely linked to downy mildew (<i>Peronospora parasitica</i>) resistance loci. Molecular Plant Pathology, 2001, 2, 87-95.	4.2	37
1772	Polygenic powdery mildew disease resistance in <i>Arabidopsis thaliana</i> : quantitative trait analysis of the accession Warschau-1. Plant Pathology, 2001, 50, 690-701.	2.4	26
1773	In vitro interactions between barley TALE homeodomain proteins suggest a role for protein-protein associations in the regulation of <i>Knox</i> gene function. Plant Journal, 2001, 27, 13-23.	5.7	140
1774	Molecular mapping of a new gene for resistance to frog-eye leaf spot of soya bean in 'Peking'. Plant Breeding, 2001, 120, 73-78.	1.9	18

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1775	Genetic mapping of a major gene delaying blooming time in almond. <i>Plant Breeding</i> , 2001, 120, 268-270.	1.9	88
1776	Chromosomal location of Hwc2, one of the complementary hybrid weakness genes, in rice. <i>Plant Breeding</i> , 2001, 120, 523-525.	1.9	13
1777	Molecular mapping of a locus controlling resistance to <i>Albugo candida</i> in Indian mustard. <i>Plant Breeding</i> , 2001, 120, 483-487.	1.9	41
1778	A linkage analysis of sex determination in <i>Bombus terrestris</i> (L.) (Hymenoptera: Apidae). <i>Heredity</i> , 2001, 87, 234-242.	2.6	45
1779	Comparative linkage map development and identification of an autosomal locus for insensitive acetylcholinesterase-mediated insecticide resistance in <i>Culex tritaeniorhynchus</i> . <i>Insect Molecular Biology</i> , 2001, 10, 197-203.	2.0	40
1780	Characterization of duplicated zebrafish <i>cyp19</i> genes. <i>The Journal of Experimental Zoology</i> , 2001, 290, 709-714.	1.4	73
1781	Chromosomal Evolution among Six Mosquito Species (Diptera: Culicidae) Based on Shared Restriction Fragment Length Polymorphisms. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 316-321.	2.7	15
1782	POPULATION GENOMICS: Genome-Wide Sampling of Insect Populations. <i>Annual Review of Entomology</i> , 2001, 46, 441-469.	11.8	188
1783	Disruption of Differentiated Functions during Viral Infection in Vivo. <i>Virology</i> , 2001, 281, 61-66.	2.4	8
1784	Title is missing!. <i>Russian Journal of Plant Physiology</i> , 2001, 48, 377-381.	1.1	3
1785	Title is missing!. <i>Euphytica</i> , 2001, 119, 81-87.	1.2	23
1786	Title is missing!. <i>Euphytica</i> , 2001, 120, 71-83.	1.2	6
1787	RAPD and SCAR markers for resistance to acochyta blight in lentil. <i>Euphytica</i> , 2001, 118, 331-337.	1.2	60
1788	Bone Strength and Related Traits in HcB/Dem Recombinant Congenic Mice. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 992-1003.	2.8	43
1789	Quantitative Trait Loci for Femoral and Lumbar Vertebral Bone Mineral Density in C57BL/6J and C3H/HeJ Inbred Strains of Mice. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1195-1206.	2.8	236
1790	Use of Random Amplified Polymorphic DNA Markers for Mapping the Chickpea Genome. <i>Biologia Plantarum</i> , 2001, 44, 195-202.	1.9	10
1791	Genetic analysis and mapping of biochemical markers in an F2 intercross of two inbred strains of the rabbit (<i>Oryctolagus cuniculus</i>). <i>Biochemical Genetics</i> , 2001, 39, 169-178.	1.7	8
1792	Chromosomal linkage associated with disease severity in the hydrocephalic H-Tx rat. <i>Behavior Genetics</i> , 2001, 31, 101-111.	2.1	26

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1793	A novel plastid-targeted J-domain protein in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2001, 46, 615-626.	3.9	15
1794	Title is missing!. <i>Molecular Breeding</i> , 2001, 8, 53-61.	2.1	80
1795	Mapping genetic loci for flowering time, maturity, and photoperiod insensitivity in soybean. <i>Molecular Breeding</i> , 2001, 8, 25-35.	2.1	115
1796	Title is missing!. <i>Euphytica</i> , 2001, 121, 273-278.	1.2	6
1797	Molecular marker analysis of protein content using PCR-based markers in wheat. <i>Biochemical Genetics</i> , 2001, 39, 325-338.	1.7	23
1798	Molecular mapping and characterization of traits controlling fiber quality in cotton. <i>Euphytica</i> , 2001, 121, 163-172.	1.2	168
1799	QTL \times N-level interaction for plant height in rice (<i>Oriza Sativa</i> L.). <i>Plant and Soil</i> , 2001, 236, 237-242.	3.7	32
1800	Title is missing!. <i>Molecular Breeding</i> , 2001, 8, 235-242.	2.1	6
1801	Combining the analyses of introgressive hybridisation and linkage mapping to investigate the genetic architecture of population divergence in the lake whitefish (<i>Coregonus clupeaformis</i> , Mitchill). <i>Genetica</i> , 2001, 111, 25-41.	1.1	40
1802	Title is missing!. <i>Euphytica</i> , 2001, 118, 75-81.	1.2	35
1803	Surveying CpG methylation at 5'-CCGG in the genomes of rice cultivars. , 2001, 45, 31-39.		86
1804	The Genetics of Evolutionary Change in <i>Senecio vulgaris</i> L.: A QTL Mapping Approach. <i>Plant Biology</i> , 2001, 3, 544-552.	3.8	16
1805	AtSPO11-1 is necessary for efficient meiotic recombination in plants. <i>EMBO Journal</i> , 2001, 20, 589-600.	7.8	452
1806	Tissue Microarray Profiling of Cancer Specimens and Cell Lines: Opportunities and Limitations. <i>Laboratory Investigation</i> , 2001, 81, 1331-1338.	3.7	245
1807	Genetic control of susceptibility to experimental Lyme arthritis is polygenic and exhibits consistent linkage to multiple loci on chromosome 5 in four independent mouse crosses. <i>Genes and Immunity</i> , 2001, 2, 388-397.	4.1	55
1808	Genetic linkage of ecological specialization and reproductive isolation in pea aphids. <i>Nature</i> , 2001, 412, 904-907.	27.8	484
1809	Confirmation of Correlations and Common Quantitative Trait Loci Between Neurotensin Receptor Density and Hypnotic Sensitivity to Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1699-1707.	2.4	14
1810	Genetic linkage analysis of the antibody responses to myelin basic protein and myelin oligodendrocyte glycoprotein in rats immunized with rat spinal cord homogenate. <i>Journal of Neuroimmunology</i> , 2001, 117, 21-29.	2.3	5

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1812	Kif1C, a kinesin-like motor protein, mediates mouse macrophage resistance to anthrax lethal factor. Current Biology, 2001, 11, 1503-1511.	3.9	94
1813	Characterisation of a β -tubulin gene from <i>Melampsora lini</i> and comparison of fungal β -tubulin genes. Mycological Research, 2001, 105, 818-826.	2.5	40
1814	A Second Acromelanistic Allelomorph at the Albino Locus of the Mongolian Gerbil (<i>Meriones</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10		12
1815	Identification of a new malaria susceptibility locus (Char4) in recombinant congenic strains of mice. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10793-10798.	7.1	86
1816	Meta-analysis for linkage to asthma and atopy in the chromosome 5q31-33 candidate region. Human Molecular Genetics, 2001, 10, 891-899.	2.9	17
1817	Autoantigen Glycoprotein 70 Expression Is Regulated by a Single Locus, Which Acts as a Checkpoint for Pathogenic Anti-Glycoprotein 70 Autoantibody Production and Hence for the Corresponding Development of Severe Nephritis, in Lupus-Prone BXSB Mice1. Journal of Immunology, 2001, 167, 1728-1733.	0.8	39
1818	An Informative Linkage Map of Soybean Reveals QTLs for Flowering Time, Leaflet Morphology and Regions of Segregation Distortion. DNA Research, 2001, 8, 61-72.	3.4	167
1819	A Linkage Map for CRINKLED PETAL: A Homeotic Gene of <i>Clarkia tembloriensis</i> (Onagraceae). , 2001, 92, 78-81.		1
1820	Non-random chromosomal distribution of SSLPs: systematic assessment using a novel genetic linkage map between two closely related rat strains. Cytogenetic and Genome Research, 2001, 95, 64-72.	1.1	6
1821	Quantitative Trait Analysis of Nickel-Induced Acute Lung Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 740-746.	2.9	39
1822	Cell-Autonomous Expression of Barley Mla1 Confers Race-Specific Resistance to the Powdery Mildew Fungus via a Rar1-Independent Signaling Pathway. Plant Cell, 2001, 13, 337.	6.6	5
1823	Gene Duplication in the Diversification of Secondary Metabolism: Tandem 2-Oxoglutarate-Dependent Dioxygenases Control Glucosinolate Biosynthesis in Arabidopsis. Plant Cell, 2001, 13, 681.	6.6	2
1824	A Genomic-Systems Biology Map for Cardiovascular Function. Science, 2001, 294, 1723-1726.	12.6	166
1825	Genome-Wide Epistatic Interaction Analysis Reveals Complex Genetic Determinants of Circadian Behavior in Mice. Genome Research, 2001, 11, 959-980.	5.5	211
1826	Identification of multiple quantitative trait loci linked to prion disease incubation period in mice. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6279-6283.	7.1	176
1827	Resistance to Xenobiotic-Induced Autoimmunity Maps to Chromosome 1. Journal of Immunology, 2001, 167, 2396-2403.	0.8	50
1828	Right Ventricular Hypertrophy Secondary to Pulmonary Hypertension Is Linked to Rat Chromosome 17. Circulation, 2001, 103, 442-447.	1.6	31

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1830	Cell-Autonomous Expression of Barley Mla1 Confers Race-Specific Resistance to the Powdery Mildew Fungus via a Rar1-Independent Signaling Pathway. <i>Plant Cell</i> , 2001, 13, 337-350.	6.6	203
1831	Parental Effects in the Inheritance of Nonnodulation in Peanut. , 2001, 92, 86-89.		9
1832	Genetic and Linkage Analysis of Cleistogamy in Soybean. , 2001, 92, 89-92.		35
1833	Map Positions of 69 Arabidopsis thaliana Genes of All Known Nuclear Encoded Constituent Polypeptides and Various Regulatory Factors of the Photosynthetic Membrane: a Case Study. <i>DNA Research</i> , 2001, 8, 53-60.	3.4	17
1834	Toward Integration of Comparative Genetic, Physical, Diversity, and Cytomolecular Maps for Grasses and Grains, Using the Sorghum Genome as a Foundation. <i>Plant Physiology</i> , 2001, 125, 1325-1341.	4.8	81
1835	Positional Cloning of the Mouse Saccharin Preference (Sac) Locus. <i>Chemical Senses</i> , 2001, 26, 925-933.	2.0	250
1836	Identification of causal relationships among traits related to drought resistance in <i>Stylosanthes scabra</i> using QTL analysis. <i>Journal of Experimental Botany</i> , 2001, 52, 203-214.	4.8	79
1837	sas1, an Arabidopsis Mutant Overaccumulating Sodium in the Shoot, Shows Deficiency in the Control of the Root Radial Transport of Sodium. <i>Plant Cell</i> , 2001, 13, 125-137.	6.6	62
1838	Production of Wheat Doubled Haploids by Pollination With Job's Tears (<i>Coix lachryma-jobi</i> L.). , 2001, 92, 81-83.		31
1839	Functional Alterations of the Nppa Promoter Are Linked to Cardiac Ventricular Hypertrophy in WKY/WKHA Rat Crosses. <i>Circulation Research</i> , 2001, 88, 223-228.	4.5	41
1840	Mapping of QTLs associated with cytosolic glutamine synthetase and NADH-dependent glutamate synthase in rice (<i>Oryza sativa</i> L.). <i>Journal of Experimental Botany</i> , 2001, 52, 1209-1217.	4.8	104
1841	Characterization of Maize Cytochrome P450 Monooxygenases Induced in Response to Safeners and Bacterial Pathogens. <i>Plant Physiology</i> , 2001, 125, 1126-1138.	4.8	77
1842	A Point Mutation in the <i>IL-12Rβ2</i> Gene Underlies the IL-12 Unresponsiveness of <i>IL-12</i> Defective C57BL/10ScCr Mice. <i>Journal of Immunology</i> , 2001, 167, 2106-2111.	0.8	68
1843	A Recessive Allele Inhibiting Saponin Synthesis in Two Lines of Bolivian Quinoa (<i>Chenopodium quinoa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T		20
1844	Composite Interval Mapping Reveals a Major Locus Influencing Embryonic Development Rate in Rainbow Trout (<i>Oncorhynchus mykiss</i>). , 2001, 92, 16-22.		138
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1849	Role of the Putative Membrane-Bound Endo-1,4- β -Glucanase KORRIGAN in Cell Elongation and Cellulose Synthesis in Arabidopsis thaliana. Plant and Cell Physiology, 2001, 42, 251-263.	3.1	185
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1855	Linkage of AFLP markers tolhd 1, a recessive heterochronic gene in Italian ryegrass. Genome, 2002, 45, 752-758.	2.0	5
1856	MapChart: Software for the Graphical Presentation of Linkage Maps and QTLs. , 2002, 93, 77-78.		4,896
1857	An improved genetic linkage map for cowpea (Vigna unguiculataL.) Combining AFLP, RFLP, RAPD, biochemical markers, and biological resistance traits. Genome, 2002, 45, 175-188.	2.0	119
1858	A molecular marker tightly linked to <i>P</i> , a gene required for flower and seedcoat color in common bean (<i>Phaseolus vulgaris</i> L.), contains the Ty3-gypsy retrotransposon <i>Tpv3g</i> .	2.0	16
1859	Genetic Modifiers of Systemic Lupus Erythematosus in Fc γ RIIB $\alpha^{-/-}$ Mice. Journal of Experimental Medicine, 2002, 195, 1167-1174.	8.5	238
1860	Genetic Dissection of Increased Urinary Albumin Excretion in the Munich Wistar Fro[Combining Diaeresis]mter Rat. Journal of the American Society of Nephrology: JASN, 2002, 13, 2706-2714.	6.1	62
1861	Expanded Genetic Map of Gibberella moniliformis (Fusarium verticillioides). Applied and Environmental Microbiology, 2002, 68, 1972-1979.	3.1	53
1862	Characterization of a major modifier locus for polycystic kidney disease (Modpkdr1) in the Han:SPRD(cy/+) rat in a region conserved with a mouse modifier locus for Alport syndrome. Human Molecular Genetics, 2002, 11, 2165-2173.	2.9	23
1863	Molecular and Genetic Characterization of a Non-Climacteric Phenotype in Melon Reveals Two Loci Conferring Altered Ethylene Response in Fruit. Plant Physiology, 2002, 129, 300-309.	4.8	138
1864	QTL Analysis of Al Tolerance in Recombinant Inbred Lines of Arabidopsis thaliana. Plant and Cell Physiology, 2002, 43, 1526-1533.	3.1	71

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1868	Genetic Analysis of Autoimmune Sialadenitis in Nonobese Diabetic Mice: A Major Susceptibility Region on Chromosome 1. Journal of Immunology, 2002, 168, 4192-4201.	0.8	33
1869	Molecular and Phenotypic Mapping of Genes Controlling Seed Coat Pattern and Color in Common Bean (<i>Phaseolus vulgaris</i> L.). , 2002, 93, 148-152.		121
1870	A duplicated copy of <i>DMRT1</i> in the sex-determining region of the Y chromosome of the medaka, <i>Oryzias latipes</i> . Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11778-11783.	7.1	783
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1886	Identification of quantitative trait loci controlling acute virulence in <i>Toxoplasma gondii</i> . Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10753-10758.	7.1	151
1887	Identification of susceptibility genes for experimental autoimmune encephalomyelitis that overcome the effect of protective alleles at the <i>eae2</i> locus. International Immunology, 2002, 14, 79-85.	4.0	16
1888	Interacting Quantitative Trait Loci Control Loss of Peripheral Tolerance and Susceptibility to Autoimmune Ovarian Dysgenesis After Day 3 Thymectomy in Mice. Journal of Immunology, 2002, 169, 1640-1646.	0.8	18
1889	Genetic analysis of phenotype in <i>Trypanosoma brucei</i> : a classical approach to potentially complex traits. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 89-99.	4.0	30
1890	Maize HSP101 Plays Important Roles in Both Induced and Basal Thermotolerance and Primary Root Growth. Plant Cell, 2002, 14, 1621-1633.	6.6	132
1891	Mapping and Progress toward Map-Based Cloning of Brown Planthopper Biotype-4 Resistance Gene Introgressed from <i>Oryza officinalis</i> into Cultivated Rice, <i>O. sativa</i> . Crop Science, 2002, 42, 2112-2117.	1.8	96
1892	Identification of blood pressure quantitative trait loci that differentiate two hypertensive strains. Journal of Hypertension, 2002, 20, 2399-2406.	0.5	40
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1898	Detection of a Quantitative Trait Locus for Intramuscular Fat Accumulation Using the OLETF Rat.. Journal of Veterinary Medical Science, 2002, 64, 45-50.	0.9	16
1899	Genetic and Cytogenetic Mapping of DMI1, DMI2, and DMI3 Genes of <i>Medicago truncatula</i> Involved in Nod Factor Transduction, Nodulation, and Mycorrhization. Molecular Plant-Microbe Interactions, 2002, 15, 1108-1118.	2.6	67
1900	Functional Conservation of Wheat and Rice Mlo Orthologs in Defense Modulation to the Powdery Mildew Fungus. Molecular Plant-Microbe Interactions, 2002, 15, 1069-1077.	2.6	115
1901	Branch architecture QTL for <i>Pinus elliottii</i> var. <i>elliottii</i> \times $\frac{1}{2}$ <i>Pinus caribaea</i> var. <i>hondurensis</i> hybrids. Annals of Forest Science, 2002, 59, 617-625.	2.0	21

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1903	Mapping of quantitative trait loci controlling broomrape (<i>Orobancha crenata</i> Forsk.) resistance in faba bean (<i>Vicia faba</i> L.). <i>Genome</i> , 2002, 45, 1057-1063.	2.0	103
1904	Identification, Analysis, and Utilization of Conserved Ortholog Set Markers for Comparative Genomics in Higher Plants. <i>Plant Cell</i> , 2002, 14, 1457-1467.	6.6	361
1905	Linking drought-resistance mechanisms to drought avoidance in upland rice using a QTL approach: progress and new opportunities to integrate stomatal and mesophyll responses. <i>Journal of Experimental Botany</i> , 2002, 53, 989-1004.	4.8	316
1906	Simultaneous Maximum Likelihood Estimation of Linkage and Linkage Phases in Outcrossing Species. <i>Theoretical Population Biology</i> , 2002, 61, 349-363.	1.1	176
1907	Inheritance of Race-Specific Resistance to <i>Xanthomonas campestris</i> pv. <i>campestris</i> in Brassica Genomes. <i>Phytopathology</i> , 2002, 92, 1134-1141.	2.2	69
1908	Linkage mapping of genes controlling resistance to white rust (<i>Albugo candida</i>) in <i>Brassica rapa</i> (syn. <i>campestris</i>) and comparative mapping to <i>Brassica napus</i> and <i>Arabidopsis thaliana</i> . <i>Genome</i> , 2002, 45, 22-27.	2.0	61
1909	Identification of a Chlorosis-Inducing Toxin from <i>Pyrenophora tritici-repentis</i> and the Chromosomal Location of an Insensitivity Locus in Wheat. <i>Phytopathology</i> , 2002, 92, 527-533.	2.2	181
1910	Construction of an RAPD linkage map and localization of QTLs for oleic acid level using recombinant inbreds in mustard (<i>Brassica juncea</i>). <i>Genome</i> , 2002, 45, 467-472.	2.0	54
1911	Hordoinolines are associated with a major endosperm-texture QTL in Barley (<i>Hordeum vulgare</i>). <i>Genome</i> , 2002, 45, 584-591.	2.0	56
1912	An expanded genetic linkage map of <i>Prunus</i> based on an interspecific cross between almond and peach. <i>Genome</i> , 2002, 45, 520-529.	2.0	111
1913	The Genetic Architecture of Ecological Specialization: Correlated Gene Effects on Host Use and Habitat Choice in Pea Aphids. <i>American Naturalist</i> , 2002, 159, S76-S88.	2.1	138
1914	Genetic Mapping in Hybrid Zones. <i>American Naturalist</i> , 2002, 159, S36-S50.	2.1	79
1915	An enhanced molecular marker based genetic map of perennial ryegrass (<i>Lolium perenne</i>) reveals comparative relationships with other Poaceae genomes. <i>Genome</i> , 2002, 45, 282-295.	2.0	218
1916	Genetic mapping of the Lr20-Pm1 resistance locus reveals suppressed recombination on chromosome arm 7AL in hexaploid wheat. <i>Genome</i> , 2002, 45, 737-744.	2.0	127
1917	RAPD-based genetic linkage maps of yellow passion fruit (<i>Passiflora edulis</i> Sims. f. <i>flavicarpa</i> Deg.). <i>Genome</i> , 2002, 45, 670-678.	2.0	35
1918	AFLP markers linked to resistance against <i>Striga gesnerioides</i> race 1 in cowpea (<i>Vigna unguiculata</i>). <i>Genome</i> , 2002, 45, 787-793.	2.0	56
1919	A molecular linkage map of tomato displaying chromosomal locations of resistance gene analogs based on a <i>Lycopersicon esculentum</i> — <i>Lycopersicon hirsutum</i> cross. <i>Genome</i> , 2002, 45, 133-146.	2.0	63

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1921	Two-gene systems of vernalization requirement and narrow-sense earliness in einkorn wheat. <i>Genome</i> , 2002, 45, 563-569.	2.0	32
1922	Towards the saturation of the pepper linkage map by alignment of three intraspecific maps including known-function genes. <i>Genome</i> , 2002, 45, 839-854.	2.0	100
1923	Identification of putative genes in bean (<i>Phaseolus vulgaris</i>) genomic (Bng) RFLP clones and their conversion to STSs. <i>Genome</i> , 2002, 45, 1013-1024.	2.0	26
1924	Comparative linkage map of the <i>Solanum lycopersicoides</i> and <i>S. sitiens</i> genomes and their differentiation from tomato. <i>Genome</i> , 2002, 45, 1003-1012.	2.0	45
1925	Development of PCR-based markers for a gene (<i>Un8</i>) conferring true loose smut resistance in barley. <i>Canadian Journal of Plant Pathology</i> , 2002, 24, 46-53.	1.4	13
1926	Assessing the level of collinearity between <i>Arabidopsis thaliana</i> and <i>Brassica napus</i> for A. thaliana chromosome 5. <i>Genome</i> , 2002, 45, 356-366.	2.0	76
1927	Chromosome landing near avirulence gene <i>vH13</i> in the Hessian fly. <i>Genome</i> , 2002, 45, 812-822.	2.0	32
1928	Genomic targeting and high-resolution mapping of the domestication gene <i>Qin</i> in wheat. <i>Genome</i> , 2002, 45, 706-718.	2.0	86
1929	Development of an AFLP-based linkage map and localization of QTLs for seed fatty acid content in condiment mustard (<i>Brassica juncea</i>). <i>Genome</i> , 2002, 45, 1203-1215.	2.0	45
1930	Detection and Mapping of Duplicate Loci in <i>Brassica juncea</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2002, 11, 37-42.	1.7	3
1931	Cloning of genomic DNA of rice 5-enolpyruvylshikimate 3-phosphate synthase gene and chromosomal localization of the gene. <i>Science in China Series C: Life Sciences</i> , 2002, 45, 251.	1.3	18
1932	Isolation and characterization of a cinnamoyl-CoA reductase gene from perennial ryegrass (<i>Lolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	50
1933	Isolation and characterisation of a fructosyltransferase gene from perennial ryegrass (<i>Lolium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 42	3.5	42
1934	Isolation and characterisation of three 4-coumarate : CoA-ligase homologue cDNAs from perennial ryegrass (<i>Lolium perenne</i>). <i>Journal of Plant Physiology</i> , 2002, 159, 773-779.	3.5	11
1935	Isolation and characterisation of three cinnamyl alcohol dehydrogenase homologue cDNAs from perennial ryegrass (<i>Lolium perenne</i> L.). <i>Journal of Plant Physiology</i> , 2002, 159, 653-660.	3.5	41
1936	Inheritance and mapping of 11 avirulence genes in <i>Phytophthora sojae</i> . <i>Fungal Genetics and Biology</i> , 2002, 37, 1-12.	2.1	60
1937	Isolation, mapping and characterization of allelic polymorphism of <i>Chi3-P1</i> , a class III chitinase of <i>Capsicum annuum</i> L.. <i>Plant Science</i> , 2002, 163, 481-489.	3.6	4

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1939	Molecular cloning and characterization of DMRT genes from the medaka <i>Oryzias latipes</i> and the platyfish <i>Xiphophorus maculatus</i> . <i>Gene</i> , 2002, 295, 213-222.	2.2	89
1940	Upland rice grown in soil-filled chambers and exposed to contrasting water-deficit regimes. <i>Field Crops Research</i> , 2002, 76, 25-43.	5.1	180
1941	Disomic Inheritance, Suppressed Recombination, and Allelic Interactions Govern Apospory in Buffelgrass as Revealed by Genome Mapping. <i>Crop Science</i> , 2002, 42, 1688-1694.	1.8	43
1942	Genetic Components of Resistance to Stalk Tunneling by the European Corn Borer in Maize. <i>Crop Science</i> , 2002, 42, 1309-1315.	1.8	34
1943	Duplicate Loci as QTL. <i>Crop Science</i> , 2002, 42, 1679-1687.	1.8	25
1944	Association of a Lipoxygenase Locus, <i>Lpx-1</i> , with Variation in Lipoxygenase Activity in Durum Wheat Seeds. <i>Crop Science</i> , 2002, 42, 1695-1700.	1.8	79
1945	Mapping Quantitative Trait Loci for Resistance to Downy Mildew in Pearl Millet. <i>Crop Science</i> , 2002, 42, 1316-1323.	1.8	60
1946	The Role of Antileukotrienes in the Treatment of Asthma. <i>International Journal of Immunopathology and Pharmacology</i> , 2002, 15, 171-182.	2.1	10
1947	Identification of rapd marker linked to blast resistance gene in a somaclone of rice cultivar Araguaia. <i>Tropical Plant Pathology</i> , 2002, 27, 181-185.	0.3	5
1948	RAPD and SCAR markers linked to resistance to frogeye leaf spot in soybean. <i>Genetics and Molecular Biology</i> , 2002, 25, 317-321.	1.3	12
1949	Quantitative trait loci in Two Soybean Recombinant Inbred Line Populations Segregating for Yield and Disease Resistance. <i>Crop Science</i> , 2002, 42, 271-277.	1.8	114
1950	Variability among inbred lines and RFLP mapping of sunflower isozymes. <i>Genetics and Molecular Biology</i> , 2002, 25, 65-72.	1.3	7
1951	Development and Characterization of Microsatellite and RFLP-Derived PCR Markers in Oat. <i>Crop Science</i> , 2002, 42, 912-918.	1.8	43
1952	Quantitative Trait Loci (QTL) Analysis of Canning Quality Traits in Kidney Bean (<i>Phaseolus vulgaris</i> L.). <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 608-615.	1.0	27
1953	Two closely linked interactive blood pressure QTL on rat chromosome 5 defined using congenic Dahl rats. <i>Physiological Genomics</i> , 2002, 8, 81-86.	2.3	47
1954	Genetic Mapping of Agronomic Traits in Common Bean. <i>Crop Science</i> , 2002, 42, 544-556.	1.8	100
1956	Mapping Genes Controlling Variation in Barley Grain Protein Concentration. <i>Crop Science</i> , 2002, 42, 680-685.	1.8	74

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1958	Quantitative Trait Loci Associated with Foliar Trigonelline Accumulation in <i>Glycine Max</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2002, 2, 151-157.	3.0	19
1959	Identification and Characterization of a Quantitative Trait Locus, Hd9, Controlling Heading Date in Rice. <i>Breeding Science</i> , 2002, 52, 35-41.	1.9	113
1960	Loss-of-function of a Rice Gibberellin Biosynthetic Gene, GA20 oxidase (GA20ox-2), Led to the Rice 'Green Revolution'. <i>Breeding Science</i> , 2002, 52, 143-150.	1.9	234
1961	QTL Analysis for Plant and Grain Characters of Sake-brewing Rice Using a Doubled Haploid Population. <i>Breeding Science</i> , 2002, 52, 309-317.	1.9	78
1962	Genetic and Sequence Analysis of Markers Tightly Linked to the <i>Soybean mosaic virus</i> Resistance Gene, <i>Rsv3</i> . <i>Crop Science</i> , 2002, 42, 265-270.	1.8	99
1963	A high density genetic map of maritime pine based on AFLPs. <i>Annals of Forest Science</i> , 2002, 59, 627-636.	2.0	61
1964	Estrogen-Dependent Growth of a Rat Pituitary Tumor Involves, But Does Not Require, a High Level of Vascular Endothelial Growth Factor. <i>Experimental Biology and Medicine</i> , 2002, 227, 492-499.	2.4	13
1965	The molecular genetic linkage map of the model legume <i>Medicago truncatula</i> : an essential tool for comparative legume genomics and the isolation of agronomically important genes. <i>BMC Plant Biology</i> , 2002, 2, 1.	3.6	183
1966	A genetic linkage map of <i>Lentinula edodes</i> (shiitake) based on AFLP markers. <i>Mycological Research</i> , 2002, 106, 911-917.	2.5	39
1967	Genetic links between the acute-phase response and arthritis development in rats. <i>Arthritis and Rheumatism</i> , 2002, 46, 259-268.	6.7	28
1968	DNA Technologies: Genomic Mapping and Positional Cloning, with Emphasis on Plant Science. , 0, , 147-164.		0
1969	Arthritis in MRL/lpr mice is under the control of multiple gene loci with an allelic combination derived from the original inbred strains. <i>Arthritis and Rheumatism</i> , 2002, 46, 1067-1074.	6.7	51
1970	Genetic mapping of a dwarfing gene found in <i>Solanum phureja</i> clone 1.22. <i>American Journal of Potato Research</i> , 2002, 79, 201-204.	0.9	4
1971	Towards the first linkage map of the <i>Didymella rabiei</i> genome. <i>Phytoparasitica</i> , 2002, 30, 467-472.	1.2	7
1972	Seven suggestive quantitative trait loci influence hygienic behavior of honey bees. <i>Die Naturwissenschaften</i> , 2002, 89, 565-568.	1.6	114
1973	Comparative analysis of polymorphism and chromosomal location of tomato microsatellite markers isolated from different sources. <i>Theoretical and Applied Genetics</i> , 2002, 104, 229-235.	3.6	77
1974	Extremely elongated tomato fruit controlled by four quantitative trait loci with epistatic interactions. <i>Theoretical and Applied Genetics</i> , 2002, 104, 241-247.	3.6	61

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1976	Mapping of the QTL (quantitative trait locus) conferring partial resistance to leaf blast in rice cultivar Chubu 32. Theoretical and Applied Genetics, 2002, 104, 547-552.	3.6	73
1977	AFLP markers tightly linked to the aluminum-tolerance gene Alt3 in rye (<i>Secale cereale</i> L.). Theoretical and Applied Genetics, 2002, 104, 626-631.	3.6	69
1978	Molecular mapping, phenotypic expression and geographical distribution of genes determining anthocyanin pigmentation of coleoptiles in wheat (<i>Triticum aestivum</i> L.). Theoretical and Applied Genetics, 2002, 104, 632-637.	3.6	77
1979	Molecular analysis of a major locus for resistance to downy mildew in sunflower with specific PCR-based markers. Theoretical and Applied Genetics, 2002, 104, 592-600.	3.6	64
1980	Resistance gene homologues in melon are linked to genetic loci conferring disease and pest resistance. Theoretical and Applied Genetics, 2002, 104, 1055-1063.	3.6	90
1981	Identification and characterization of DNA markers associated with a locus conferring virulence on barley in the plant pathogenic fungus <i>Cochliobolus sativus</i> . Theoretical and Applied Genetics, 2002, 104, 1049-1054.	3.6	14
1982	Brassica napus DNA markers linked to white rust resistance in Brassica juncea. Theoretical and Applied Genetics, 2002, 104, 1121-1124.	3.6	29
1983	Improving linkage analysis in outcrossed forest trees – an example from <i>Acacia mangium</i> . Theoretical and Applied Genetics, 2002, 104, 1185-1191.	3.6	25
1984	Megagametophyte-derived linkage maps of white spruce (<i>Picea glauca</i>) based on RAPD, SCAR and ESTP markers. Theoretical and Applied Genetics, 2002, 104, 987-997.	3.6	40
1985	Bay-0 – Shahdara recombinant inbred line population: a powerful tool for the genetic dissection of complex traits in Arabidopsis. Theoretical and Applied Genetics, 2002, 104, 1173-1184.	3.6	276
1986	Characterisation of polymorphic microsatellite markers from <i>Aegilops tauschii</i> and transferability to the D-genome of bread wheat. Theoretical and Applied Genetics, 2002, 104, 1164-1172.	3.6	212
1987	Identification of microsatellite markers linked to Russian wheat aphid resistance genes Dn4 and Dn6. Theoretical and Applied Genetics, 2002, 104, 1042-1048.	3.6	89
1988	Molecular cloning, characterization, expression and chromosomal location of OsGAPDH, a submergence responsive gene in rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2002, 105, 34-42.	3.6	22
1989	Mapping quantitative trait loci controlling early growth in a (longleaf pine – slash pine) – slash pine BC1 family. Theoretical and Applied Genetics, 2002, 104, 852-859.	3.6	20
1990	Candidate genes and QTLs for sugar and organic acid content in peach [<i>Prunus persica</i> (L.) Batsch]. Theoretical and Applied Genetics, 2002, 105, 145-159.	3.6	199
1991	Molecular mapping of the intermedium spike-c (int-c) and non-brittle rachis 1 (btr1) loci in barley (<i>Hordeum vulgare</i> L.). Theoretical and Applied Genetics, 2002, 105, 85-90.	3.6	80
1992	A genetic linkage map for watermelon derived from a testcross population: (<i>Citrullus lanatus</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlook 105, 555-563.	3.6	47

#	ARTICLE	IF	CITATIONS
1993	A reference map of <i>Cucumis melo</i> based on two recombinant inbred line populations. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1017-1034.	3.6	183
1994	Genetic mapping of 66 new microsatellite (SSR) loci in bread wheat. <i>Theoretical and Applied Genetics</i> , 2002, 105, 413-422.	3.6	339
1995	QTL mapping and introgression of yield-related traits from <i>Oryza glumaepatula</i> to cultivated rice (<i>Oryza sativa</i>) using microsatellite markers. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1192-1203.	3.6	219
1996	Identification of QTLs for early blight (<i>Alternaria solani</i>) resistance in tomato using backcross populations of a <i>Lycopersicon esculentum</i> × <i>L. hirsutum</i> cross. <i>Theoretical and Applied Genetics</i> , 2002, 104, 945-958.	3.6	73
1997	Genomic organization of glycinin genes in soybean. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1132-1140.	3.6	80
1998	Comparative analysis of QTLs affecting domestication traits between two domesticated × wild pearl millet (<i>Pennisetum glaucum</i> L., Poaceae) crosses. <i>Theoretical and Applied Genetics</i> , 2002, 104, 965-975.	3.6	66
1999	Mapping QTLs for sucrose content, yield and quality in a sugar beet population fingerprinted by EST-related markers. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1107-1113.	3.6	83
2000	Genetic mapping of a dominant gene conferring resistance to cassava mosaic disease. <i>Theoretical and Applied Genetics</i> , 2002, 105, 521-525.	3.6	179
2001	Mapping of the nodulation loci <i>sym9</i> and <i>sym10</i> of pea (<i>Pisum sativum</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 104, 1312-1316.	3.6	43
2002	An SSR-based genetic linkage map for perennial ryegrass (<i>Lolium perenne</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 577-584.	3.6	133
2003	Comparative mapping of the wheat 5B short chromosome arm distal region with rice, relative to a crossability locus. <i>Theoretical and Applied Genetics</i> , 2002, 105, 759-765.	3.6	20
2004	An AFLP and RFLP linkage map and quantitative trait locus (QTL) analysis of growth traits in <i>Salix</i> . <i>Theoretical and Applied Genetics</i> , 2002, 105, 277-288.	3.6	68
2005	A resistance gene analog useful for targeting disease resistance genes against different pathogens on group 1S chromosomes of barley, wheat and rye. <i>Theoretical and Applied Genetics</i> , 2002, 105, 364-368.	3.6	20
2006	Genetic mapping of QTLs associated with greenbug resistance and tolerance in <i>Sorghum bicolor</i> . <i>Theoretical and Applied Genetics</i> , 2002, 104, 1373-1378.	3.6	61
2007	Development of molecular markers using MFLP linked to a gene conferring resistance to <i>Diaporthe toxica</i> in narrow-leaved lupin (<i>Lupinus angustifolius</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 265-270.	3.6	60
2008	Identification of an STMS marker for the double-podding gene in chickpea. <i>Theoretical and Applied Genetics</i> , 2002, 105, 604-607.	3.6	50
2009	RFLP mapping of a <i>Hordeum bulbosum</i> gene highly expressed in pistils and its relationship to homoeologous loci in other Gramineae species. <i>Theoretical and Applied Genetics</i> , 2002, 105, 271-276.	3.6	6
2010	Resistance gene analogues of chickpea (<i>Cicer arietinum</i> L.): isolation, genetic mapping and association with a <i>Fusarium</i> resistance gene cluster. <i>Theoretical and Applied Genetics</i> , 2002, 105, 479-490.	3.6	69

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2011	Genetic mapping of grapevine (<i>Vitis vinifera</i> L.) applied to the detection of QTLs for seedlessness and berry weight. <i>Theoretical and Applied Genetics</i> , 2002, 105, 780-795.	3.6	202
2012	Development of RGA-CAPS markers and genetic mapping of candidate genes for sugarcane mosaic virus resistance in maize. <i>Theoretical and Applied Genetics</i> , 2002, 105, 355-363.	3.6	41
2013	Conversion of AFLP fragments tightly linked to SCMV resistance genes <i>Scmv1</i> and <i>Scmv2</i> into simple PCR-based markers. <i>Theoretical and Applied Genetics</i> , 2002, 105, 1190-1195.	3.6	28
2014	Mapping QTLs for grain hardness and puroindoline content in wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 106, 19-27.	3.6	46
2015	Analysis on additive effects and additive-by-additive epistatic effects of QTLs for yield traits in a recombinant inbred line population of rice. <i>Theoretical and Applied Genetics</i> , 2002, 105, 1137-1145.	3.6	156
2016	Mapping of a thermo-sensitive earliness per se gene on <i>Triticum monococcum</i> chromosome 1Am. <i>Theoretical and Applied Genetics</i> , 2002, 105, 585-593.	3.6	116
2017	Simple sequence repeat map of the sunflower genome. <i>Theoretical and Applied Genetics</i> , 2002, 105, 1124-1136.	3.6	267
2018	Identification of QTLs controlling tissue-culture traits in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 708-715.	3.6	42
2019	Integration of sequence tagged microsatellite sites to the chickpea genetic map. <i>Theoretical and Applied Genetics</i> , 2002, 105, 847-854.	3.6	130
2020	Mapping of quantitative trait loci determining agronomic important characters in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 921-936.	3.6	474
2021	Comparative genetic analysis of quantitative traits in sunflower (<i>Helianthus annuus</i> L.) 1. QTL involved in resistance to <i>Sclerotinia sclerotiorum</i> and <i>Diaporthe helianthi</i> . <i>Theoretical and Applied Genetics</i> , 2002, 105, 985-993.	3.6	83
2022	Introgression of self-compatibility from <i>Coffea heterocalyx</i> to the cultivated species <i>Coffea canephora</i> . <i>Theoretical and Applied Genetics</i> , 2002, 105, 994-999.	3.6	30
2023	Mapping and analysis of quantitative trait loci for grain oil content and agronomic traits using AFLP and SSR in sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 106, 149-156.	3.6	52
2024	QTLs for grain carbon isotope discrimination in field-grown barley. <i>Theoretical and Applied Genetics</i> , 2002, 106, 118-126.	3.6	122
2025	Substitution mapping of <i>Pup1</i> : a major QTL increasing phosphorus uptake of rice from a phosphorus-deficient soil. <i>Theoretical and Applied Genetics</i> , 2002, 105, 890-897.	3.6	236
2026	Development of RAPD and SCAR markers linked to the <i>Pvr4</i> locus for resistance to PVY in pepper (<i>Capsicum annuum</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 1067-1074.	3.6	57
2027	Influence of number and map distribution of AFLP markers on similarity estimates in carrot. <i>Theoretical and Applied Genetics</i> , 2002, 106, 157-162.	3.6	8
2028	Common loci underlie field resistance to soybean sudden death syndrome in Forrest, Pyramid, Essex, and Douglas. <i>Theoretical and Applied Genetics</i> , 2002, 104, 294-300.	3.6	98

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2029	Identification of QTLs influencing wood property traits in loblolly pine (<i>Pinus taeda</i> L.). II. Chemical wood properties. <i>Theoretical and Applied Genetics</i> , 2002, 104, 214-222.	3.6	103
2030	Stearoyl-ACP and oleoyl-PC desaturase genes cosegregate with quantitative trait loci underlying high stearic and high oleic acid mutant phenotypes in sunflower. <i>Theoretical and Applied Genetics</i> , 2002, 104, 338-349.	3.6	83
2031	A genetic linkage map for <i>Eucalyptus globulus</i> with candidate loci for wood, fibre, and floral traits. <i>Theoretical and Applied Genetics</i> , 2002, 104, 379-387.	3.6	77
2032	RFLP genetic linkage maps from four F2.3 populations and a joinmap of <i>Gossypium hirsutum</i> L.. <i>Theoretical and Applied Genetics</i> , 2002, 104, 200-208.	3.6	106
2033	A new gene, <i>Ny tbr</i> , for hypersensitivity to Potato virus Y from <i>Solanum tuberosum</i> Maps to Chromosome IV. <i>Theoretical and Applied Genetics</i> , 2002, 104, 669-674.	3.6	62
2034	Isolation, characterization, and mapping of the stay green mutant in rice. <i>Theoretical and Applied Genetics</i> , 2002, 104, 526-532.	3.6	109
2035	QTLs involved in the restriction of cucumber mosaic virus (CMV) long-distance movement in pepper. <i>Theoretical and Applied Genetics</i> , 2002, 104, 586-591.	3.6	77
2036	Study of the relationship between pre-harvest sprouting and grain color by quantitative trait loci analysis in a white-red grain bread-wheat cross. <i>Theoretical and Applied Genetics</i> , 2002, 104, 39-47.	3.6	243
2037	Molecular mapping of QTLs for <i>Fusarium</i> head blight resistance in spring wheat. I. Resistance to fungal spread (Type II resistance). <i>Theoretical and Applied Genetics</i> , 2002, 104, 84-91.	3.6	414
2038	The development of a genetic map for meadowfoam comprised of amplified fragment length polymorphisms. <i>Theoretical and Applied Genetics</i> , 2002, 104, 92-96.	3.6	8
2039	Quantitative trait loci for resistance against Yellow rust in two wheat-derived recombinant inbred line populations. <i>Theoretical and Applied Genetics</i> , 2002, 104, 111-118.	3.6	158
2040	Application of interval haplotype analysis facilitates efficient mapping of the mutation causing osteopetrosis in tl rats. <i>Mammalian Genome</i> , 2002, 13, 299-301.	2.2	1
2041	Multiple blood pressure QTL on rat Chromosome 2 defined by congenic Dahl rats. <i>Mammalian Genome</i> , 2002, 13, 41-44.	2.2	38
2042	A chromosomal translocation causing multiple abnormalities including open eyelids at birth and glomerulonephritis. <i>Mammalian Genome</i> , 2002, 13, 416-422.	2.2	0
2043	Genetic, physical, and comparative map of the subtelomeric region of mouse Chromosome 4. <i>Mammalian Genome</i> , 2002, 13, 5-19.	2.2	18
2044	Major histocompatibility complex controls susceptibility and dominant inheritance, but not the severity of the disease in mouse models of rheumatoid arthritis. <i>Immunogenetics</i> , 2002, 54, 184-192.	2.4	24
2045	Cloning novel immune-type inhibitory receptors from the rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Immunogenetics</i> , 2002, 54, 662-670.	2.4	41
2046	Towards a genus-wide reference linkage map for <i>Eucalyptus</i> based exclusively on highly informative microsatellite markers. <i>Molecular Genetics and Genomics</i> , 2002, 267, 338-347.	2.1	75

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2047	Genetic and physical mapping of a rice blast resistance locus, Pi-CO39(t), that corresponds to the avirulence gene AVR1-CO39 of <i>Magnaporthe grisea</i> . <i>Molecular Genetics and Genomics</i> , 2002, 267, 603-612.	2.1	96
2048	Fine genetic mapping and physical delimitation of the lesion mimic gene <i>Spl11</i> to a 160-kb DNA segment of the rice genome. <i>Molecular Genetics and Genomics</i> , 2002, 268, 253-261.	2.1	31
2049	Identification of genetic loci affecting mouse-adapted bovine spongiform encephalopathy incubation time in mice. <i>Neurogenetics</i> , 2002, 4, 77-81.	1.4	58
2050	Localization of the muscular dystrophy AM locus using a chicken linkage map constructed with the Kobe University resource family. <i>Animal Genetics</i> , 2002, 33, 42-48.	1.7	24
2051	Identification of Rat Quantitative Trait Loci that Regulate LPS-Induced Pro-Inflammatory Cytokine Responses. <i>Scandinavian Journal of Immunology</i> , 2002, 56, 248-253.	2.7	6
2052	The broad-spectrum potato cyst nematode resistance gene (<i>Hero</i>) from tomato is the only member of a large gene family of NBS-LRR genes with an unusual amino acid repeat in the LRR region. <i>Plant Journal</i> , 2002, 31, 127-136.	5.7	184
2053	Mapping QTL involved in adult plant resistance to powdery mildew in the winter wheat line RE714 in two susceptible genetic backgrounds. <i>Plant Breeding</i> , 2002, 121, 133-140.	1.9	64
2054	Molecular mapping of major genes and quantitative trait loci determining flowering time in response to photoperiod in barley. <i>Plant Breeding</i> , 2002, 121, 129-132.	1.9	40
2055	Amplified fragment length polymorphism- and simple sequence repeat-based molecular tagging and mapping of greenbug resistance gene <i>Gb3</i> in wheat. <i>Plant Breeding</i> , 2002, 121, 218-223.	1.9	51
2056	Clustering of amplified fragment length polymorphism markers in a linkage map of rye. <i>Plant Breeding</i> , 2002, 121, 117-123.	1.9	35
2057	Comparison and integration of genetic maps generated from F2 and BC1-type mapping populations in perennial ryegrass. <i>Plant Breeding</i> , 2002, 121, 501-507.	1.9	73
2058	Mapping a new source of resistance to powdery mildew in mungbean. <i>Plant Breeding</i> , 2002, 121, 521-525.	1.9	60
2059	Microsatellite marker for yellow rust resistance gene <i>Yr5</i> in wheat introgressed from spelt wheat. <i>Plant Breeding</i> , 2002, 121, 539-541.	1.9	56
2060	Genetic characterization of spontaneous diploid androgenetic wheat and triticale plants. <i>Plant Breeding</i> , 2002, 121, 470-474.	1.9	16
2061	Molecular and physical mapping of genes affecting awning in wheat. <i>Plant Breeding</i> , 2002, 121, 320-324.	1.9	84
2062	Present and future of quantitative trait locus analysis in plant breeding. <i>Plant Breeding</i> , 2002, 121, 281-291.	1.9	252
2063	Identifying AFLP and microsatellite markers for vernalization response gene <i>Vrn-B1</i> in hexaploid wheat using reciprocal mapping populations. <i>Plant Breeding</i> , 2002, 121, 400-406.	1.9	48
2064	Identification of a microsatellite marker associated with <i>Pm3</i> resistance alleles to powdery mildew in wheat. <i>Plant Breeding</i> , 2002, 121, 325-329.	1.9	40

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2065	Both common and unique susceptibility genes in different rat strains with pristane-induced arthritis. <i>European Journal of Human Genetics</i> , 2002, 10, 475-483.	2.8	22
2066	Identification of genetic loci controlling bacterial clearance in experimental <i>Salmonella enteritidis</i> infection: an unexpected role of <i>Nramp1</i> (<i>Slc11a1</i>) in the persistence of infection in mice. <i>Genes and Immunity</i> , 2002, 3, 196-204.	4.1	52
2067	<i>Angptl3</i> regulates lipid metabolism in mice. <i>Nature Genetics</i> , 2002, 30, 151-157.	21.4	367
2068	Genetic analysis of the mouse brain proteome. <i>Nature Genetics</i> , 2002, 30, 385-393.	21.4	293
2069	Identification and potential use of RAPD markers linked to Yam mosaic virus resistance in white yam (<i>Dioscorea rotundata</i>). <i>Annals of Applied Biology</i> , 2002, 140, 163-169.	2.5	28
2070	MINOR QUANTITATIVE TRAIT LOCI UNDERLIE FLORAL TRAITS ASSOCIATED WITH MATING SYSTEM DIVERGENCE IN <i>MIMULUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2138-2155.	2.3	229
2071	MORPHOLOGICAL TRAITS DEFINING SPECIES DIFFERENCES IN WILD RELATIVES OF MAIZE ARE CONTROLLED BY MULTIPLE QUANTITATIVE TRAIT LOCI. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 273-283.	2.3	52
2072	AN EPISTATIC GENETIC BASIS FOR FLUCTUATING ASYMMETRY OF MANDIBLE SIZE IN MICE. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 642-653.	2.3	83
2073	Reciprocal Congenics Defining Individual Quantitative Trait Loci for Sedative/Hypnotic Sensitivity to Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 149-157.	2.4	38
2074	Mapping of Barley (<i>Hordeum vulgare</i> L.) Beta -amylase Alleles in which an Amino Acid Substitution Determines Beta -amylase Isoenzyme Type and the Level of Free Beta -amylase. <i>Journal of Cereal Science</i> , 2002, 35, 39-50.	3.7	31
2075	Genetic Analysis of the Size of Endosperm Starch Granules in a Mapped Segregating Wheat Population. <i>Journal of Cereal Science</i> , 2002, 35, 103-107.	3.7	18
2076	Genetic analysis of scab resistance QTL in wheat with microsatellite and AFLP markers. <i>Genome</i> , 2002, 45, 719-727.	2.0	165
2077	A genetic study of unilateral incompatibility between diploid (1EBN) Mexican species <i>Solanum pinnatisectum</i> and <i>S. cardiophyllum</i> subsp. <i>cardiophyllum</i> . <i>Sexual Plant Reproduction</i> , 2002, 14, 305-313.	2.2	7
2078	Mapping of QTL influencing saccharin consumption in the selectively bred alcohol-preferring and -nonpreferring rat lines. <i>Behavior Genetics</i> , 2002, 32, 57-67.	2.1	22
2079	Mapping QTLs associated with drought avoidance in upland rice grown in the Philippines and West Africa. <i>Plant Molecular Biology</i> , 2002, 48, 683-695.	3.9	112
2080	Genetic dissection of a major <i>Fusarium</i> head blight QTL in tetraploid wheat. <i>Plant Molecular Biology</i> , 2002, 48, 625-632.	3.9	111
2081	A high-density cytogenetic map of the <i>Aegilops tauschii</i> genome incorporating retrotransposons and defense-related genes: insights into cereal chromosome structure and function. <i>Plant Molecular Biology</i> , 2002, 48, 767-789.	3.9	95
2082	Insertion-deletion polymorphisms in 3' regions of maize genes occur frequently and can be used as highly informative genetic markers. <i>Plant Molecular Biology</i> , 2002, 48, 539-547.	3.9	140

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2083	Expanding the genetic map of maize with the intermated B73 x Mo17 (IBM) population. <i>Plant Molecular Biology</i> , 2002, 48, 453-461.	3.9	360
2084	Genetic mapping of loci determining long glumes in the genus <i>Triticum</i> . <i>Euphytica</i> , 2002, 123, 287-293.	1.2	21
2085	Title is missing!. <i>Euphytica</i> , 2002, 123, 187-194.	1.2	79
2086	Title is missing!. <i>Russian Journal of Genetics</i> , 2002, 38, 560-574.	0.6	0
2087	Molecular markers for yellow stem borer <i>Scirpophaga incertulas</i> (Walker) resistance in rice. <i>Euphytica</i> , 2002, 124, 371-377.	1.2	12
2088	Title is missing!. <i>Euphytica</i> , 2002, 125, 69-79.	1.2	65
2089	Title is missing!. <i>Euphytica</i> , 2002, 125, 265-272.	1.2	34
2090	Title is missing!. <i>Euphytica</i> , 2002, 125, 373-384.	1.2	76
2091	A single-base deletion in soybean flavonoid 3'-hydroxylase gene is associated with gray pubescence color. <i>Plant Molecular Biology</i> , 2002, 50, 187-196.	3.9	128
2092	Development and Characterization of Microsatellite Markers from Chromosome 1-Specific DNA Libraries of <i>Vicia Faba</i> . <i>Biologia Plantarum</i> , 2002, 45, 337-345.	1.9	87
2093	Mapping genes for resistance to sprouting damage in wheat. <i>Euphytica</i> , 2002, 126, 39-45.	1.2	149
2094	Title is missing!. <i>Euphytica</i> , 2002, 126, 365-377.	1.2	15
2095	Mapping of genes affecting linolenic acid content in <i>Brassica rapa</i> ssp. <i>oleifera</i> . <i>Molecular Breeding</i> , 2002, 10, 51-62.	2.1	23
2096	Mapping genes for double podding and other morphological traits in chickpea. <i>Euphytica</i> , 2002, 128, 285-292.	1.2	109
2097	Molecular mapping and characterization of an RGA locus RGAPtokin1-2 171 in chickpea. <i>Euphytica</i> , 2002, 128, 427-433.	1.2	31
2098	A strategy for enhancing recombination in proximal regions of chromosomes. <i>Chromosome Research</i> , 2002, 10, 645-654.	2.2	23
2099	Localization of the Mutation Responsible for Osteopetrosis in the op Rat to a 1.5-cM Genetic Interval on Rat Chromosome 10: Identification of Positional Candidate Genes by Radiation Hybrid Mapping. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 1761-1767.	2.8	8
2100	Title is missing!. <i>Euphytica</i> , 2003, 131, 131-136.	1.2	58

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2101	Title is missing!. Euphytica, 2003, 132, 23-30.	1.2	63
2102	Title is missing!. Euphytica, 2003, 132, 199-210.	1.2	19
2103	Title is missing!. Euphytica, 2003, 132, 243-249.	1.2	30
2104	Title is missing!. Molecular Breeding, 2003, 12, 33-50.	2.1	74
2105	Title is missing!. Molecular Breeding, 2003, 12, 3-19.	2.1	68
2106	Genetic analysis of net-like cracking in soybean seed coats. Euphytica, 2003, 133, 179-184.	1.2	14
2107	Title is missing!. Molecular Breeding, 2003, 12, 133-143.	2.1	55
2108	Comparative genome and QTL mapping between maritime and loblolly pines. Molecular Breeding, 2003, 12, 185-195.	2.1	78
2109	Quantitative Trait Locus Analysis of Plasma Cholesterol and Triglyceride Levels in KK \times RR F2 Mice. Biochemical Genetics, 2003, 41, 325-341.	1.7	21
2110	Development of SCAR markers linked to a scald resistance gene derived from wild barley. Euphytica, 2003, 134, 149-159.	1.2	26
2111	Locating QTLs controlling constitutive root traits in the rice population IAC 165 \times Co39. Euphytica, 2003, 134, 335-345.	1.2	108
2112	Fine mapping of the Ht2 (Helminthosporium turcicum resistance 2) gene in maize. Science Bulletin, 2003, 48, 165.	1.7	14
2113	Morphology and mapping analysis of rice (Oryza sativa L.) clustered spikelets (Cl) mutant. Science Bulletin, 2003, 48, 559.	1.7	4
2114	Genetic analysis and fine mapping of a lax mutant in rice. Science Bulletin, 2003, 48, 2072.	1.7	3
2115	An integrative genetic linkage map of winter wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2003, 107, 1235-1242.	3.6	174
2116	Genetic Effects for Femoral Biomechanics, Structure, and Density in C57BL/6J and C3H/HeJ Inbred Mouse Strains. Journal of Bone and Mineral Research, 2003, 18, 1758-1765.	2.8	68
2117	Polygalacturonase: a candidate gene for the soft flesh and deciduous fruit mutation in Capsicum. Plant Molecular Biology, 2003, 51, 295-311.	3.9	56
2118	Title is missing!. Euphytica, 2003, 129, 61-68.	1.2	9

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2119	RFLP/AFLP mapping of a brown planthopper (<i>Nilaparvata lugens</i> Stål) resistance gene Bph1 in rice. <i>Euphytica</i> , 2003, 129, 109-117.	1.2	46
2120	Molecular tagging of a gene for resistance to brown planthopper in rice (<i>Oryza sativa</i> L.). <i>Euphytica</i> , 2003, 129, 81-88.	1.2	39
2121	A genetic linkage map of sweetpotato [<i>Ipomoea batatas</i> (L.) Lam.] based on AFLP markers. <i>Molecular Breeding</i> , 2003, 11, 169-185.	2.1	96
2122	Molecular Map of the <i>Chlamydomonas reinhardtii</i> Nuclear Genome. <i>Eukaryotic Cell</i> , 2003, 2, 362-379.	3.4	121
2123	R/qtl: QTL mapping in experimental crosses. <i>Bioinformatics</i> , 2003, 19, 889-890.	4.1	3,197
2124	Mapping of genetic loci predisposing to hypertriglyceridaemia in the hereditary hypertriglyceridaemic rat: analysis of genetic association with related traits of the insulin resistance syndrome. <i>Diabetologia</i> , 2003, 46, 352-358.	6.3	20
2125	Marker-assisted genetic analysis of non-acclimated freezing tolerance and cold acclimation capacity in a backcrossSolarium population. <i>American Journal of Potato Research</i> , 2003, 80, 359-369.	0.9	5
2126	Mapping and characterization of a tiller-spreading mutantlazy-2 in rice. <i>Science Bulletin</i> , 2003, 48, 2715-2717.	1.7	2
2127	QTL mapping of the root traits and their correlation analysis with drought resistance using DH lines from paddy and upland rice cross. <i>Science Bulletin</i> , 2003, 48, 2718-2724.	1.7	20
2128	Tagging and mapping of rice sheath blight resistant gene. <i>Theoretical and Applied Genetics</i> , 2003, 106, 293-297.	3.6	36
2129	Chromosomal location of a <i>Triticum dicoccoides</i> -derived powdery mildew resistance gene in common wheat by using microsatellite markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 341-345.	3.6	63
2130	Construction of a linkage map and QTL analysis of horticultural traits for watermelon [<i>Citrullus lanatus</i> (THUNB.) MATSUM & NAKAI] using RAPD, RFLP and ISSR markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 779-785.	3.6	80
2131	Exploiting EST databases for the development and characterization of gene-derived SSR-markers in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2003, 106, 411-422.	3.6	2,073
2132	Characterization of expressed NBS-LRR resistance gene candidates from common bean. <i>Theoretical and Applied Genetics</i> , 2003, 106, 251-261.	3.6	63
2133	Mapping QTL for popping expansion volume in popcorn with simple sequence repeat markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 423-427.	3.6	50
2134	Genetics of resistance to anthracnose and identification of AFLP and RAPD markers linked to the resistance gene in PI 320937 germplasm of lentil (<i>Lens culinaris</i> Medikus). <i>Theoretical and Applied Genetics</i> , 2003, 106, 428-434.	3.6	71
2135	An update of the Courtot 4— Chinese Spring intervarietal molecular marker linkage map for the QTL detection of agronomic traits in wheat. <i>Theoretical and Applied Genetics</i> , 2003, 106, 530-538.	3.6	208
2136	Introgression of a quantitative trait locus for yield from <i>Glycine soja</i> into commercial soybean cultivars. <i>Theoretical and Applied Genetics</i> , 2003, 106, 575-582.	3.6	169

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2137	Identification and mapping of the QTL for aluminum tolerance introgressed from the new source, ORYZA RUFIPOGON Griff., into indica rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2003, 106, 583-593.	3.6	171
2138	Identification of genetic markers linked to banana streak disease expression in inter-specific <i>Musa</i> hybrids. Theoretical and Applied Genetics, 2003, 106, 594-598.	3.6	61
2139	Molecular mapping of the Rf1 gene restoring pollen fertility in PET1-based F1 hybrids in sunflower (<i>Helianthus annuus</i> L.). Theoretical and Applied Genetics, 2003, 106, 599-606.	3.6	73
2140	Inheritance and fine mapping of fertility restoration for cytoplasmic male sterility in <i>Gossypium hirsutum</i> L.. Theoretical and Applied Genetics, 2003, 106, 461-469.	3.6	77
2141	Mapping the Fas locus controlling stearic acid content in soybean. Theoretical and Applied Genetics, 2003, 106, 615-619.	3.6	39
2142	Combined mapping of DALP and AFLP markers in cultivated sunflower using F9 recombinant inbred lines. Theoretical and Applied Genetics, 2003, 106, 1068-1074.	3.6	20
2143	Identification of five new blast resistance genes in the highly blast-resistant rice variety IR64 using a QTL mapping strategy. Theoretical and Applied Genetics, 2003, 106, 794-803.	3.6	201
2144	Homoeologous pairing and recombination in <i>Solanum lycopersicoides</i> monosomic addition and substitution lines of tomato. Theoretical and Applied Genetics, 2003, 106, 979-989.	3.6	40
2145	A set of simple-sequence repeat (SSR) markers covering the <i>Prunus</i> genome. Theoretical and Applied Genetics, 2003, 106, 819-825.	3.6	199
2146	Comparison between Poncirus and Citrus genetic linkage maps. Theoretical and Applied Genetics, 2003, 106, 826-836.	3.6	53
2147	Identification of DNA markers of tobacco linked to bacterial wilt resistance. Theoretical and Applied Genetics, 2003, 106, 765-770.	3.6	46
2148	Molecular tagging of a major QTL for fiber strength in Upland cotton and its marker-assisted selection. Theoretical and Applied Genetics, 2003, 106, 262-268.	3.6	152
2149	Genetic and morphological characterization of the barley unculm2 (<i>cul2</i>) mutant. Theoretical and Applied Genetics, 2003, 106, 846-857.	3.6	62
2150	Identification of genetically linked RGAs by BAC screening in maize and implications for gene cloning, mapping and MAS. Theoretical and Applied Genetics, 2003, 106, 1171-1177.	3.6	25
2151	The heat-stable root-knot nematode resistance gene Mi-9 from <i>Lycopersicon peruvianum</i> is localized on the short arm of chromosome 6. Theoretical and Applied Genetics, 2003, 106, 478-484.	3.6	87
2152	Resistance gene-analog polymorphism markers co-segregating with the YR5 gene for resistance to wheat stripe rust. Theoretical and Applied Genetics, 2003, 106, 636-643.	3.6	126
2153	Mapping of a resistance gene effective against Karnal bunt pathogen of wheat. Theoretical and Applied Genetics, 2003, 106, 287-292.	3.6	29
2154	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

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2155	Development of isothiocyanate-enriched broccoli, and its enhanced ability to induce phase 2 detoxification enzymes in mammalian cells. <i>Theoretical and Applied Genetics</i> , 2003, 106, 727-734.	3.6	209
2156	QTLs conferring cold tolerance at the booting stage of rice using recombinant inbred lines from a japonica A— indica cross. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1084-1090.	3.6	168
2157	AFLP and STS tagging of a major QTL for Fusarium head blight resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1011-1017.	3.6	31
2158	Linkage of the A locus for the presence of anthocyanin and fs10.1, a major fruit-shape QTL in pepper. <i>Theoretical and Applied Genetics</i> , 2003, 106, 889-894.	3.6	76
2159	Detection of Fusarium head blight resistance QTL in a wheat population using bulked segregant analysis. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1041-1047.	3.6	123
2160	Genetic mapping and analysis of quantitative trait loci affecting fiber and lignin content in maize. <i>Theoretical and Applied Genetics</i> , 2003, 106, 866-874.	3.6	96
2161	Microsatellite mapping of the powdery mildew resistance gene Pm5e in common wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	100
2162	Structural organization of the group-1 chromosomes of two bread wheat sister lines. <i>Theoretical and Applied Genetics</i> , 2003, 106, 938-946.	3.6	3
2163	Molecular linkage maps of <i>Vitis vinifera</i> L. and <i>Vitis riparia</i> Mchx. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1213-1224.	3.6	94
2164	Genetic analysis of loci associated with partial resistance to <i>Sclerotinia sclerotiorum</i> in rapeseed (<i>Brassica napus</i> L.). <i>Theoretical and Applied Genetics</i> , 2003, 106, 759-764.	3.6	164
2165	Genetic maps for <i>Pinus elliottii</i> var. <i>elliottii</i> and <i>P. caribaea</i> var. <i>hondurensis</i> using AFLP and microsatellite markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1409-1419.	3.6	37
2166	Dissection of resistance to soil-borne yellow-mosaic-inducing viruses of barley (BaMMV, BaYMV,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 resistance of var. 'Chikurin Ibaraki 1'. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1425-1432.	3.6	34
2167	Sequence variation and genomic organization of fatty acid desaturase-2 (fad2) and fatty acid desaturase-6 (fad6) cDNAs in maize. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1326-1332.	3.6	76
2168	A genetic linkage map for hexaploid, cultivated oat (<i>Avena sativa</i> L.) based on an intraspecific cross 'Ogle/MAM17-5'. <i>Theoretical and Applied Genetics</i> , 2003, 107, 26-35.	3.6	34
2169	Nearly complete genetic maps of <i>Pinus sylvestris</i> L. (Scots pine) constructed by AFLP marker analysis in a full-sib family. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1075-1083.	3.6	39
2170	Identification of non-TIR-NBS-LRR markers linked to the PI5/PI8 locus for resistance to downy mildew in sunflower. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1438-1446.	3.6	89
2171	Identification of AFLP and STS markers closely linked to the def locus in pea. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1293-1299.	3.6	17
2172	An intraspecific linkage map of the chickpea (<i>Cicer arietinum</i> L.) genome based on sequence tagged microsatellite site and resistance gene analog markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1447-1456.	3.6	89

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2173	Mapping of yield-related QTLs in pepper in an interspecific cross of <i>Capsicum annuum</i> and <i>C. frutescens</i> . <i>Theoretical and Applied Genetics</i> , 2003, 106, 1457-1466.	3.6	144
2174	Mapping QTLs for seed dormancy and the Vp1 homologue on chromosome 3A in wheat. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1491-1496.	3.6	109
2175	Creating a saturated reference map for the apple (<i>Malus Æ domestica</i> Borkh.) genome. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1497-1508.	3.6	199
2176	The making of a bell pepper-shaped tomato fruit: identification of loci controlling fruit morphology in Yellow Stuffer tomato. <i>Theoretical and Applied Genetics</i> , 2003, 107, 139-147.	3.6	100
2177	Identification of AFLP markers linked to fertility restorer genes for <i>tournefortii</i> cytoplasmic male-sterility system in <i>Brassica napus</i> . <i>Theoretical and Applied Genetics</i> , 2003, 107, 148-154.	3.6	20
2178	Comparative genetic analysis of quantitative traits in sunflower (<i>Helianthus annuus</i> L.). 2. Characterisation of QTL involved in developmental and agronomic traits. <i>Theoretical and Applied Genetics</i> , 2003, 107, 181-189.	3.6	46
2179	RFLP linkage analysis and mapping genes controlling the fatty acid profile of <i>Brassica juncea</i> using reciprocal DH populations. <i>Theoretical and Applied Genetics</i> , 2003, 107, 283-290.	3.6	42
2180	Advanced backcross QTL analysis in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2003, 107, 340-352.	3.6	233
2181	Identification of RAPD markers linked to the Uvf-1 gene conferring hypersensitive resistance against rust (<i>Uromyces viciae-fabae</i>) in <i>Vicia faba</i> L.. <i>Theoretical and Applied Genetics</i> , 2003, 107, 353-358.	3.6	77
2182	Fine genetic mapping of a gene required for Rice yellow mottle virus cell-to-cell movement. <i>Theoretical and Applied Genetics</i> , 2003, 107, 371-378.	3.6	52
2183	Molecular markers closely linked to fusarium resistance genes in chickpea show significant alignments to pathogenesis-related genes located on Arabidopsis chromosomes 1 and 5. <i>Theoretical and Applied Genetics</i> , 2003, 107, 379-386.	3.6	63
2184	Characterisation of the phosphoenolpyruvate carboxylase gene family in sugarcane (<i>Saccharum</i> spp.). <i>Theoretical and Applied Genetics</i> , 2003, 107, 470-478.	3.6	19
2185	Mapping quantitative trait loci for yield, yield components and morphological traits in an advanced backcross population between <i>Oryza rufipogon</i> and the <i>Oryza sativa</i> cultivar Jefferson. <i>Theoretical and Applied Genetics</i> , 2003, 107, 479-493.	3.6	450
2186	Molecular mapping of QTLs for Fusarium head blight resistance in spring wheat. II. Resistance to fungal penetration and spread. <i>Theoretical and Applied Genetics</i> , 2003, 107, 503-508.	3.6	285
2187	Identification of QTLs conferring resistance to downy mildews of maize in Asia. <i>Theoretical and Applied Genetics</i> , 2003, 107, 544-551.	3.6	51
2188	Linkage mapping of Hsa-1Og, a resistance gene of African rice to the cyst nematode, <i>Heterodera sacchari</i> . <i>Theoretical and Applied Genetics</i> , 2003, 107, 691-696.	3.6	36
2189	Characterization of mixed disomic and polysomic inheritance in the octoploid strawberry (<i>Fragaria Æ</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	113
2190	Comparing EST-based genetic maps between <i>Pinus sylvestris</i> and <i>Pinus taeda</i> . <i>Theoretical and Applied Genetics</i> , 2003, 107, 667-678.	3.6	77

2192	QTL mapping reveals a two-step model for the evolutionary reduction of inner microsporangia within the asteracean genus <i>Microseris</i> . Theoretical and Applied Genetics, 2003, 107, 893-901.	3.6	11
2193	Construction of an intraspecific linkage map of lentil (<i>Lens culinaris</i> ssp. <i>culinaris</i>). Theoretical and Applied Genetics, 2003, 107, 910-916.	3.6	90
2194	Molecular markers linked to the blast resistance gene Pi-z in rice for use in marker-assisted selection. Theoretical and Applied Genetics, 2003, 107, 1014-1020.	3.6	45
2195	Mapping of Rym14 Hb , a gene introgressed from <i>Hordeum bulbosum</i> and conferring resistance to BaMMV and BaYMV in barley. Theoretical and Applied Genetics, 2003, 107, 965-971.	3.6	74
2196	Efficient construction of high-density linkage map and its application to QTL analysis in barley. Theoretical and Applied Genetics, 2003, 107, 806-813.	3.6	81
2197	Development and genetic mapping of 127 new microsatellite markers in barley. Theoretical and Applied Genetics, 2003, 107, 1021-1027.	3.6	139
2198	Comparative genetic linkage maps of <i>Eucalyptus grandis</i> , <i>Eucalyptus globulus</i> and their F1 hybrid based on a double pseudo-backcross mapping approach. Theoretical and Applied Genetics, 2003, 107, 1028-1042.	3.6	75
2199	Mapping of quantitative trait loci associated with ultraviolet-B resistance in rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2003, 107, 1003-1008.	3.6	36
2200	AFLP and SSR polymorphism in a <i>Coffea</i> interspecific backcross progeny [(<i>C. heterocalyx</i> × <i>C.</i> <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>)]	3.6	34
2201	QTLs for agronomic traits in the Mediterranean environment identified in recombinant inbred lines of the cross 'Arta' × <i>H. spontaneum</i> 41-1. Theoretical and Applied Genetics, 2003, 107, 1215-1225.	3.6	196
2202	Genetic mapping of Dn7, a rye gene conferring resistance to the Russian wheat aphid in wheat. Theoretical and Applied Genetics, 2003, 107, 1297-1303.	3.6	48
2203	Chromosomal location of a race-specific resistance gene to <i>Mycosphaerella graminicola</i> in the spring wheat ST6. Theoretical and Applied Genetics, 2003, 107, 1181-1186.	3.6	58
2204	Mapping osmotic adjustment in an advanced back-cross inbred population of rice. Theoretical and Applied Genetics, 2003, 107, 1288-1296.	3.6	111
2205	Genetic mapping of the novel Turnip mosaic virus resistance gene TuRB03 in <i>Brassica napus</i> . Theoretical and Applied Genetics, 2003, 107, 1169-1173.	3.6	60
2206	Fine linkage mapping enables dissection of closely linked quantitative trait loci for seed dormancy and heading in rice. Theoretical and Applied Genetics, 2003, 107, 1174-1180.	3.6	74
2207	Genetic and physical mapping of sequence-specific amplified polymorphic (SSAP) markers on the 1RS chromosome arm of rye in a wheat background. Theoretical and Applied Genetics, 2003, 107, 1271-1277.	3.6	47
2208	Detection of QTLs for <i>Stagonospora glume</i> blotch resistance in Swiss winter wheat. Theoretical and Applied Genetics, 2003, 107, 1226-1234.	3.6	53

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2210	Identification of quantitative trait loci for grain quality in an advanced backcross population derived from the <i>Oryza sativa</i> variety IR64 and the wild relative <i>O. rufipogon</i> . Theoretical and Applied Genetics, 2003, 107, 1433-1441.	3.6	171
2211	Precise mapping of a locus affecting grain protein content in durum wheat. Theoretical and Applied Genetics, 2003, 107, 1243-1251.	3.6	170
2212	Quantitative trait loci for lodging resistance, plant height and partial resistance to <i>mycosphaerella</i> blight in field pea (<i>Pisum sativum</i> L.). Theoretical and Applied Genetics, 2003, 107, 1482-1491.	3.6	136
2213	Genetic analysis, molecular tagging and mapping of the thermo-sensitive genic male-sterile gene (<i>wtms1</i>) in wheat. Theoretical and Applied Genetics, 2003, 107, 1500-1504.	3.6	40
2214	Phenotypic assessment and mapped markers for H31, a new wheat gene conferring resistance to Hessian fly (Diptera: Cecidomyiidae). Theoretical and Applied Genetics, 2003, 107, 1516-1523.	3.6	62
2215	Development of a genome-wide anchored microsatellite map for common bean (<i>Phaseolus vulgaris</i> L.). Theoretical and Applied Genetics, 2003, 107, 1362-1374.	3.6	342
2216	A linkage map of meadow fescue (<i>Festuca pratensis</i> Huds.) and comparative mapping with other Poaceae species. Theoretical and Applied Genetics, 2003, 108, 25-40.	3.6	114
2217	Identification of QTLs associated with <i>Fusarium</i> head blight resistance in Zhedar 2 barley. Theoretical and Applied Genetics, 2003, 108, 95-104.	3.6	55
2218	Chromosome mapping and identification of amphiphilic proteins of hexaploid wheat kernels. Theoretical and Applied Genetics, 2003, 108, 62-72.	3.6	23
2219	Efficient fine mapping of the naked caryopsis gene (<i>nud</i>) by HEGS (High Efficiency Genome) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T	3.6	52
2220	Loci on Chromosomes 2, 4, 9, and 16 for body weight, body length, and adiposity identified in a genome scan of an F 2 intercross between the 129P3/J and C57BL/6ByJ mouse strains. Mammalian Genome, 2003, 14, 302-313.	2.2	49
2221	A major locus conferring susceptibility to infection by <i>Streptococcus pneumoniae</i> in mice. Mammalian Genome, 2003, 14, 448-453.	2.2	29
2222	A new framework marker-based linkage map and SDPs for the Rat HXB/BXH strain set. Mammalian Genome, 2003, 14, 537-546.	2.2	15
2223	The mapping of quantitative trait loci underlying strain differences in locomotor activity between 129S6 and C57BL/6J mice. Mammalian Genome, 2003, 14, 692-702.	2.2	36
2224	Serum leptin concentration is linked to Chromosomes 2 and 6 in the OLETF rat, an animal model of type 2 diabetes with mild obesity. Mammalian Genome, 2003, 14, 239-244.	2.2	16
2225	Chromosomal mapping of <i>Brassica oleracea</i> based on ESTs from <i>Arabidopsis thaliana</i> : complexity of the comparative map. Molecular Genetics and Genomics, 2003, 268, 656-665.	2.1	89
2226	The cold-regulated transcriptional activator <i>Cbf3</i> is linked to the frost-tolerance locus <i>Fr-A2</i> on wheat chromosome 5A. Molecular Genetics and Genomics, 2003, 269, 60-67.	2.1	212

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2227	Mapping of gene-specific markers on the genetic map of chickpea (<i>Cicer arietinum</i> L.). <i>Molecular Genetics and Genomics</i> , 2003, 269, 243-251.	2.1	47
2228	Genetic and physical mapping of Pi5(t), a locus associated with broad-spectrum resistance to rice blast. <i>Molecular Genetics and Genomics</i> , 2003, 269, 280-289.	2.1	105
2229	Identification of AFLP markers closely linked to the rhm gene for resistance to Southern Corn Leaf Blight in maize by using bulked segregant analysis. <i>Molecular Genetics and Genomics</i> , 2003, 269, 299-303.	2.1	29
2230	Genomic distribution and characterization of EST-derived resistance gene analogs (RGAs) in sugarcane. <i>Molecular Genetics and Genomics</i> , 2003, 269, 406-419.	2.1	125
2231	Isolation of Resistance Gene Candidates (RGCs) and characterization of an RGC cluster in cassava. <i>Molecular Genetics and Genomics</i> , 2003, 269, 658-671.	2.1	30
2232	A targeted approach to the identification of candidate genes determining susceptibility to <i>Plasmodium gallinaceum</i> in <i>Aedes aegypti</i> . <i>Molecular Genetics and Genomics</i> , 2003, 269, 753-764.	2.1	49
2233	High-resolution genetic and physical mapping of the cauliflower high- β^2 -carotene gene Or (Orange). <i>Molecular Genetics and Genomics</i> , 2003, 270, 132-138.	2.1	29
2234	Quantitative genetic analysis of acid detergent fibre content in barley grain. <i>Journal of Cereal Science</i> , 2003, 38, 167-172.	3.7	21
2235	Genetic linkage maps of the West African clawed frog <i>Xenopus tropicalis</i> . <i>Developmental Dynamics</i> , 2003, 226, 99-102.	1.8	17
2236	Pleiotropic effects on mandibular morphology I. developmental morphological integration and differential dominance. <i>The Journal of Experimental Zoology</i> , 2003, 296B, 58-79.	1.4	108
2237	Genetic basis of tissue specificity of vasculitis in MRL/lpr mice. <i>Arthritis and Rheumatism</i> , 2003, 48, 1445-1451.	6.7	21
2238	Genetic Determinants of Sable and Umbrous Coat Color Phenotypes in Mice. <i>Pigment Cell & Melanoma Research</i> , 2003, 16, 388-396.	3.6	4
2239	Identification of a major gene (Mex-1) from <i>Coffea canephora</i> conferring resistance to <i>Meloidogyne exigua</i> in <i>Coffea arabica</i> . <i>Plant Pathology</i> , 2003, 52, 97-103.	2.4	68
2240	SSR-based genetic linkage analysis of resistance to crown rust (<i>Puccinia coronata</i> f. sp. <i>lolii</i>) in perennial ryegrass (<i>Lolium perenne</i>). <i>Plant Pathology</i> , 2003, 52, 628-637.	2.4	67
2241	The OsTB1 gene negatively regulates lateral branching in rice. <i>Plant Journal</i> , 2003, 33, 513-520.	5.7	553
2242	The GA octadecanucleotide repeat binding factor BBR participates in the transcriptional regulation of the homeobox gene Bkn3. <i>Plant Journal</i> , 2003, 34, 813-826.	5.7	109
2243	ERECTA, an LRR receptor-like kinase protein controlling development pleiotropically affects resistance to bacterial wilt. <i>Plant Journal</i> , 2003, 36, 353-365.	5.7	239
2244	Detection of loci controlling seed glucosinolate content and their association with Sclerotinia resistance in <i>Brassica napus</i> . <i>Plant Breeding</i> , 2003, 122, 19-23.	1.9	66

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2245	Validation of a major QTL for scab resistance with SSR markers and use of marker-assisted selection in wheat. <i>Plant Breeding</i> , 2003, 122, 40-46.	1.9	115
2246	Identification of a major QTL in cocoa (<i>Theobroma cacao</i> L.) associated with resistance to witches' broom disease. <i>Plant Breeding</i> , 2003, 122, 268-272.	1.9	47
2247	Identification and characterization of microsatellites in eggplant. <i>Plant Breeding</i> , 2003, 122, 256-262.	1.9	88
2248	Identification of a molecular marker linked to an <i>Agropyron elongatum</i> -derived gene Lr19 for leaf rust resistance in wheat. <i>Plant Breeding</i> , 2003, 122, 204-208.	1.9	31
2249	Molecular marker analysis of kernel size and shape in bread wheat. <i>Plant Breeding</i> , 2003, 122, 392-395.	1.9	145
2250	Nucleotide diversity at two phytochrome loci along a latitudinal cline in <i>Pinus sylvestris</i> . <i>Molecular Ecology</i> , 2003, 12, 1195-1206.	3.9	122
2251	Haplotyping and mapping a large cluster of downy mildew resistance gene candidates in sunflower using multilocus intron fragment length polymorphisms. <i>Plant Biotechnology Journal</i> , 2003, 1, 167-185.	8.3	54
2252	A consolidated linkage map for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Animal Genetics</i> , 2003, 34, 102-115.	1.7	207
2253	Characterization of a SINE indel polymorphism in the porcine AGL gene and assignment of the gene to chromosome 4q. <i>Animal Genetics</i> , 2003, 34, 146-148.	1.7	4
2254	Genetic mapping of the chicken stem cell antigen 2 (<i>SCA2</i>) gene to chromosome 2 via PCR primer mutagenesis. <i>Animal Genetics</i> , 2003, 34, 158-160.	1.7	7
2255	Polymorphisms in the equine WNT1 gene allow linkage mapping to ECA6q. <i>Animal Genetics</i> , 2003, 34, 148-149.	1.7	0
2256	Linkage mapping of POMC to bovine chromosome 11. <i>Animal Genetics</i> , 2003, 34, 149-150.	1.7	9
2257	Linkage mapping of FBN1 to bovine chromosome 10. <i>Animal Genetics</i> , 2003, 34, 150-150.	1.7	0
2258	Construction and characterization of three BAC libraries for analysis of the chicken genome. <i>Animal Genetics</i> , 2003, 34, 151-152.	1.7	53
2259	Linkage mapping of the porcine testis enhanced gene transcript (TEGT) gene to chromosome 51. <i>Animal Genetics</i> , 2003, 34, 152-153.	1.7	4
2260	Characterization and mapping of 19 polymorphic microsatellite markers for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Animal Genetics</i> , 2003, 34, 153-156.	1.7	14
2261	OtY1 is a Y-linked marker in Chinook salmon but not in Rainbow trout. <i>Animal Genetics</i> , 2003, 34, 156-157.	1.7	5
2262	Marker polymorphisms in the porcine genes for muscle glycogen synthase (CYS1) and muscle glycogen phosphorylase (PYGM). <i>Animal Genetics</i> , 2003, 34, 157-158.	1.7	7

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2263	Quantitative trait loci in <i>Anopheles gambiae</i> controlling the encapsulation response against <i>Plasmodium cynomolgi</i> Ceylon. <i>BMC Genetics</i> , 2003, 4, 16.	2.7	47
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2265	Murine susceptibility to Chagas' disease maps to chromosomes 5 and 17. <i>Genes and Immunity</i> , 2003, 4, 321-325.	4.1	15
2266	Integration of a barley (<i>Hordeum vulgare</i>) molecular linkage map with the position of genetic loci hosting 29 developmental mutants. <i>Heredity</i> , 2003, 90, 390-396.	2.6	22
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2310	Molecular mapping of Or, a gene inducing beta-carotene accumulation in cauliflower (Brassica) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	32
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2619	The allene oxide cyclase of barley (<i>Hordeum vulgare</i> L.)â€”cloning and organ-specific expression. <i>Phytochemistry</i> , 2004, 65, 801-811.	2.9	39
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2717	QUANTITATIVE TRAIT LOCI AFFECTING $\delta^{13}C$ AND RESPONSE TO DIFFERENTIAL WATER AVAILABILITY IN ARABIDOPSIS THALLIANA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 81-96.	2.3	70
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2720	Genetics of female mate discrimination of heterospecific males in <i>Nasonia</i> (Hymenoptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582 Td</i>	1.9	32
2721	Novel genes on chromosome 3A influencing breadmaking quality in wheat, including a new gene for loaf volume, Lvl 1. <i>Journal of Cereal Science</i> , 2005, 41, 317-326.	3.7	15
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2727	Simple-sequence repeat markers used in merging linkage maps of melon (<i>Cucumis melo</i> L.). <i>Theoretical and Applied Genetics</i> , 2005, 110, 802-811.	3.6	170
2728	STS markers linked to the Rf1 fertility restorer gene of cotton. <i>Theoretical and Applied Genetics</i> , 2005, 110, 237-243.	3.6	33
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2730	Genetic relationships between resistance to stalk-tunneling by the European corn borer and cell-wall components in maize population B73 \times B52. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1-7.	3.6	50
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2732	Molecular markers linked to papaya ring spot virus resistance and <i>Fusarium</i> race 2 resistance in melon. <i>Theoretical and Applied Genetics</i> , 2005, 110, 337-345.	3.6	45
2733	Analysis of QTLs for yield, yield components, and malting quality in a BC3-DH population of spring barley. <i>Theoretical and Applied Genetics</i> , 2005, 110, 356-363.	3.6	97

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2735	Development of sequence characterized amplified region (SCAR) primers for the detection of Phyto.5.2, a major QTL for resistance to <i>Phytophthora capsici</i> Leon. in pepper. <i>Theoretical and Applied Genetics</i> , 2005, 110, 605-612.	3.6	73
2736	Fine mapping of the FT1 locus for soybean flowering time using a residual heterozygous line derived from a recombinant inbred line. <i>Theoretical and Applied Genetics</i> , 2005, 110, 634-639.	3.6	108
2737	QTLs for straw quality characteristics identified in recombinant inbred lines of a <i>Hordeum vulgare</i> × <i>H. spontaneum</i> cross in a Mediterranean environment. <i>Theoretical and Applied Genetics</i> , 2005, 110, 688-695.	3.6	31
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2746	Identification of two novel genes for blackleg resistance in <i>Brassica napus</i> . <i>Theoretical and Applied Genetics</i> , 2005, 110, 969-979.	3.6	102
2747	Inheritance and molecular mapping of new greenbug resistance genes in wheat germplasms derived from <i>Aegilops tauschii</i> . <i>Theoretical and Applied Genetics</i> , 2005, 111, 831-837.	3.6	60
2748	Molecular mapping of stem and leaf rust resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2005, 111, 846-850.	3.6	57
2749	Identification of SCAR markers linked to Rca2 anthracnose resistance gene and their assessment in strawberry germplasm. <i>Theoretical and Applied Genetics</i> , 2005, 111, 862-870.	3.6	58
2750	Mapping of extreme resistance to PVY (Ry sto) on chromosome XII using anther-culture-derived primary dihaploid potato lines. <i>Theoretical and Applied Genetics</i> , 2005, 111, 879-887.	3.6	114
2751	Microsatellite marker polymorphism and mapping in pea (<i>Pisum sativum</i> L.). <i>Theoretical and Applied Genetics</i> , 2005, 111, 1022-1031.	3.6	219

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2753	Comprehensive genetic analyses reveal differential expression of spot blotch resistance in four populations of barley. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1238-1250.	3.6	57
2754	Molecular mapping of k2 Mdh1-n y20, an unstable chromosomal region in soybean [<i>Glycine max</i> (L.) Merr.]. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1457-1465.	3.6	9
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2757	Genetic mapping and comparative analysis of seven mutants related to seed fiber development in cotton. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1137-1146.	3.6	94
2758	Identification and mapping of H32, a new wheat gene conferring resistance to Hessian fly. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1167-1173.	3.6	95
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2764	Characterization of lipoxygenase-1 null mutants in barley. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1580-1584.	3.6	33
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2768	QTL analysis of <i>Fusarium</i> head blight resistance using a high-density linkage map in barley. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1661-1672.	3.6	46
2769	Molecular cloning and genetic mapping of perennial ryegrass casein protein kinase 2 Î±-subunit genes. <i>Theoretical and Applied Genetics</i> , 2005, 112, 167-177.	3.6	20

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2772	Quantitative trait loci governing carotenoid concentration and weight in seeds of chickpea (<i>Cicer</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.6	117
2773	The self-incompatibility locus (S) and quantitative trait loci for self-pollination and seed dormancy in sunflower. <i>Theoretical and Applied Genetics</i> , 2005, 111, 619-629.	3.6	95
2774	Investigation of genomic organization in switchgrass (<i>Panicum virgatum</i> L.) using DNA markers. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1372-1383.	3.6	93
2775	Identification and validation of QTLs conferring resistance to sorghum downy mildew (<i>Peronosclerospora sorghi</i>) and Rajasthan downy mildew (<i>P. heteropogoni</i>) in maize. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1384-1392.	3.6	37
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2786	Strain-specific and recessive QTLs involved in the control of partial resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> raceÂ1.2 in a recombinant inbred line population of melon. <i>Theoretical and Applied Genetics</i> , 2005, 111, 65-74.	3.6	75
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2793	Inheritance of field resistance to <i>Stagonospora nodorum</i> leaf and glume blotch and correlations with other morphological traits in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2005, 111, 325-336.	3.6	45
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2805	Two naturally occurring deletion mutants of 12S seed storage proteins in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2005, 222, 512-520.	3.2	12

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2813	Construction of a cucumber genetic linkage map with SRAP markers and location of the genes for lateral branch traits. <i>Science in China Series C: Life Sciences</i> , 2005, 48, 213-220.	1.3	27
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2820	Molecular mapping of <i>Aegilops speltoides</i> derived leaf rust resistance gene Lr28 in wheat. <i>Euphytica</i> , 2005, 143, 19-26.	1.2	61
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2827	Genetic mapping of AFLP markers in Japanese bunching onion (<i>Allium fistulosum</i>). <i>Euphytica</i> , 2005, 144, 255-263.	1.2	34
2828	Molecular markers and allelic relationships of anthracnose resistance gene cluster B4 in common bean. <i>Euphytica</i> , 2005, 141, 237-245.	1.2	61
2829	Markers linked to the bc-3 gene conditioning resistance to bean common mosaic potyviruses in common bean. <i>Euphytica</i> , 2005, 144, 291-299.	1.2	37
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2836	Isolation of (AC)n-microsatellites in <i>Vitis vinifera</i> L. and analysis of genetic background in grapevines under marker assisted selection. <i>Molecular Breeding</i> , 2005, 15, 11-20.	2.1	78
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2841	Discovery, localization, and sequence characterization of molecular markers for the crown rust resistance genes Pc38, Pc39, and Pc48 in cultivated oat (<i>Avena sativa</i> L.). <i>Molecular Breeding</i> , 2005, 14, 349-361.	2.1	8
2842	QTLs for nutritional contents of rice seedlings (<i>Oryza sativa</i> L.) in solution cultures and its implication to tolerance to iron-toxicity. <i>Plant and Soil</i> , 2005, 275, 57-66.	3.7	29
2843	Identification and mapping of polymorphic RAPD markers of pea (<i>Pisum sativum</i> L.) genome. <i>Russian Journal of Genetics</i> , 2005, 41, 262-268.	0.6	5

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2847	Comparison of QTLs for Early Elongation Ability between Two Floating Rice Cultivars with a Different Phylogenetic Origin. <i>Breeding Science</i> , 2005, 55, 1-5.	1.9	20
2848	Molecular Characterization of Slow Leaf Rusting Resistance in Wheat. <i>Crop Science</i> , 2005, 45, 758-765.	1.8	46
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2997	RMo1 Confers Blast Resistance in Barley and Is Located within the Complex of Resistance Genes Containing Mla, a Powdery Mildew Resistance Gene. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1034-1041.	2.6	31
2998	Identification and Characterization of Random Amplified Polymorphic DNA Markers Linked to a Major Gene (Cr2) for Resistance to <i>Cronartium ribicola</i> in <i>Pinus monticola</i> . <i>Phytopathology</i> , 2006, 96, 395-399.	2.2	30
2999	Molecular Characterization of a Powdery Mildew Resistance Gene in Wheat Cultivar Suwon 92. <i>Phytopathology</i> , 2006, 96, 496-500.	2.2	12
3000	Molecular Mapping of Loci Conferring Resistance to Different Pathotypes of the Spot Blotch Pathogen in Barley. <i>Phytopathology</i> , 2006, 96, 699-708.	2.2	46
3001	Molecular Mapping and Marker-Assisted Selection of Genes for Septoria Speckled Leaf Blotch Resistance in Barley. <i>Phytopathology</i> , 2006, 96, 993-999.	2.2	32
3002	New evidence from <i>Sinapis alba</i> L. for ancestral triplication in a crucifer genome. <i>Genome</i> , 2006, 49, 230-238.	2.0	23
3003	Genetic analysis infers <i>Dt</i> loci underlie resistance to <i>Fusarium solani</i> f. sp. <i>glycines</i> in indeterminate soybeans. <i>Canadian Journal of Plant Science</i> , 2006, 86, 83-90.	0.9	27
3004	Mapping genes for resistance to <i>Leptosphaeria maculans</i> in <i>Brassica juncea</i> . <i>Genome</i> , 2006, 49, 30-41.	2.0	56
3005	QTL Analysis for Resistance to Phytophthora Blight (<i>Phytophthora capsici</i> Leon.) Using an Intraspecific Doubled-Haploid Population of <i>Capsicum annuum</i> . <i>Breeding Science</i> , 2006, 56, 137-145.	1.9	38
3006	Potential Application of TRAP (Targeted Region Amplified Polymorphism) Markers for Mapping and Tagging Disease Resistance Traits in Common Bean. <i>Crop Science</i> , 2006, 46, 910-916.	1.8	60
3007	Linkage and mapping of resistance genes to <i>Xanthomonas axonopodis</i> pv. <i>passiflorae</i> in yellow passion fruit. <i>Genome</i> , 2006, 49, 17-29.	2.0	26
3008	Chromosome structural changes in diploid and tetraploid A genomes of <i>Gossypium</i> . <i>Genome</i> , 2006, 49, 336-345.	2.0	71
3009	New eSSR and gSSR markers added to Australian barley maps. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 953.	1.5	14
3010	Generation of SNP markers for short straw in oat (<i>Avena sativa</i> L.). <i>Genome</i> , 2006, 49, 282-287.	2.0	24
3011	Corrigendum to: Genetic mapping of basal root gravitropism and phosphorus acquisition efficiency in common bean. <i>Functional Plant Biology</i> , 2006, 33, 207.	2.1	3
3012	Quantitative Trait Loci for Resistance to Banded Leaf and Sheath Blight in Maize. <i>Crop Science</i> , 2006, 46, 1039-1045.	1.8	42
3013	QTL Analysis of Adventitious Root Formation in Common Bean under Contrasting Phosphorus Availability. <i>Crop Science</i> , 2006, 46, 1609-1621.	1.8	147

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3014	Quantitative Trait Loci for Root Architecture Traits Correlated with Phosphorus Acquisition in Common Bean. <i>Crop Science</i> , 2006, 46, 413-423.	1.8	221
3015	Application of comparative genomics in developing molecular markers tightly linked to the virus resistance gene <i>Rsv4</i> in soybean. <i>Genome</i> , 2006, 49, 380-388.	2.0	54
3017	Characterization of <i>Cq3</i> , a Quantitative Trait Locus that Controls Plasma Cholesterol and Phospholipid Levels in Mice. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 303-309.	0.9	5
3018	SELECTIVE TRADE-OFFS AND SEX-CHROMOSOME EVOLUTION IN <i>SILENE LATIFOLIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1793-1800.	2.3	53
3019	A CYTONUCLEAR INCOMPATIBILITY CAUSES ANTHET STERILITY IN <i>MIMULUS HYBRIDS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1372-1381.	2.3	126
3020	Cloning, genetic and physical mapping of resistance gene analogs in barley (<i>Hordeum vulgare</i> L.). <i>Plant Breeding</i> , 2006, 125, 32-42.	1.9	8
3021	Validation of two major quantitative trait loci for fusarium head blight resistance in Chinese wheat line W14. <i>Plant Breeding</i> , 2006, 125, 99-101.	1.9	99
3022	Identification of molecular markers associated with oleic and linolenic acid in spring oilseed rape (<i>Brassica napus</i>). <i>Plant Breeding</i> , 2006, 125, 65-71.	1.9	17
3023	Mapping a factor controlling the thermostability of seed lipoxygenase-1 in barley. <i>Plant Breeding</i> , 2006, 125, 231-235.	1.9	7
3024	Identification and comparative analysis of quantitative trait loci associated with parthenocarpy in processing cucumber. <i>Plant Breeding</i> , 2006, 125, 281-287.	1.9	44
3025	QTL analysis of resistance to <i>Fusarium</i> head blight in wheat using a 'Frontana'-derived population. <i>Plant Breeding</i> , 2006, 125, 313-317.	1.9	53
3026	Molecular mapping of a novel blast resistance gene <i>Pi38</i> in rice using SSLP and AFLP markers. <i>Plant Breeding</i> , 2006, 125, 596-599.	1.9	38
3027	Identification of resistance gene analogs as markers of disease resistance loci in oats, using near-isogenic lines. <i>Plant Breeding</i> , 2006, 125, 347-351.	1.9	5
3028	QTL mapping of resistance in lentil (<i>Lens culinaris</i> ssp. <i>culinaris</i>) to ascochyta blight (<i>Ascochyta</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 100	1.9	69
3029	ISSR and SCAR markers linked to the mungbean yellow mosaic virus (MYMV) resistance gene in blackgram [<i>Vigna mungo</i> (L.) Hepper]. <i>Plant Breeding</i> , 2006, 125, 619-622.	1.9	59
3030	QTL analysis of flooding tolerance in soybean at an early vegetative growth stage. <i>Plant Breeding</i> , 2006, 125, 613-618.	1.9	103
3031	RATS WITH INHERITED STRESS-INDUCED ARTERIAL HYPERTENSION (ISIAH STRAIN) DISPLAY SPECIFIC QUANTITATIVE TRAIT LOCI FOR BLOOD PRESSURE AND FOR BODY AND KIDNEY WEIGHT ON CHROMOSOME 1. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 456-464.	1.9	29
3032	High recombination frequency creates genotypic diversity in colonies of the leaf-cutting ant <i>Acromyrmex echinator</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1475-1485.	1.7	35

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3034	Molecular Tagging and Mapping of Quantitative Trait Loci for Lint Percentage and Morphological Marker Genes in Upland Cotton. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 320-326.	8.5	28
3035	Genetic Analysis and Gene-Mapping of Two Reduced-Culm-Number Mutants in Rice. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 341-347.	8.5	23
3036	Identification and Mapping of Two New Genes Conferring Resistance to Powdery Mildew from <i>Aegilops tauschii</i> (Coss.) Schmal. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 1204-1209.	8.5	22
3037	Inheritance and Gene Mapping of Resistance to Soybean Mosaic Virus Strain SC14 in Soybean. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 1466-1472.	8.5	29
3038	Genetic and environmental interactions determine seizure susceptibility in epileptic EL mice. <i>Genes, Brain and Behavior</i> , 2006, 5, 518-527.	2.2	22
3039	Identifying loci under selection across contrasting environments in <i>Avena barbata</i> using quantitative trait locus mapping. <i>Molecular Ecology</i> , 2006, 15, 1321-1333.	3.9	79
3040	The maize mutation is a deletion in the 16-kDa α -zein gene that induces the unfolded protein response. <i>Plant Journal</i> , 2006, 48, 440-451.	5.7	74
3041	The <i>Tsn1</i> – <i>ToxA</i> interaction in the wheat– <i>Stagonospora nodorum</i> pathosystem parallels that of the wheat–tan spot system. <i>Genome</i> , 2006, 49, 1265-1273.	2.0	149
3042	Common bunt resistance gene <i>Bt10</i> located on wheat chromosome 6D. <i>Canadian Journal of Plant Science</i> , 2006, 86, 1409-1412.	0.9	36
3043	Towards Positional Cloning in <i>Brassica napus</i> : Generation and Analysis of Doubled Haploid <i>B. rapa</i> Possessing the <i>B. napus</i> <i>pol</i> CMS and <i>Rfp</i> Nuclear Restorer Gene. <i>Plant Molecular Biology</i> , 2006, 61, 269-281.	3.9	17
3044	A single-base deletion in soybean flavonol synthase gene is associated with magenta flower color. <i>Plant Molecular Biology</i> , 2006, 63, 125-135.	3.9	58
3045	Genetic Linkage Maps and Genomic Organization in <i>Leptosphaeria maculans</i> . <i>European Journal of Plant Pathology</i> , 2006, 114, 17-31.	1.7	30
3046	QTLs for <i>Fusarium</i> head blight response in a wheat DH population of Wangshuibai/Alondra™. <i>Euphytica</i> , 2006, 146, 183-191.	1.2	72
3047	A QTL for early heading in wheat cultivar Suwon 92. <i>Euphytica</i> , 2006, 146, 233-237.	1.2	18
3048	An SSR-based molecular genetic map of cassava. <i>Euphytica</i> , 2006, 147, 433-440.	1.2	70
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3050	Identification of Quantitative Trait Loci Associated with Aluminum Tolerance in Rice (<i>Oryza Sativa</i> L.). <i>Euphytica</i> , 2006, 150, 37-45.	1.2	20

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3052	Development and Validation of SCAR Markers Co-Segregating with an Agropyron Elongatum Derived Leaf Rust Resistance Gene Lr24 in Wheat. Euphytica, 2006, 150, 233-240.	1.2	60
3053	Molecular mapping and identification of QTL's associated to oat crown rust partial resistance. Euphytica, 2006, 150, 257-269.	1.2	15
3054	Microsatellite mapping of complementary genes for purple grain colour in bread wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	62
3055	QTL analysis for grain weight in common wheat. Euphytica, 2006, 151, 135-144.	1.2	82
3056	Identification of a new hybrid sterility gene in rice (bi Oryza sativa L.). Euphytica, 2006, 151, 331-337.	1.2	23
3057	AFLP and SCAR markers linked to the suppressor gene (Rf) of a dominant genetic male sterility in rapeseed (Brassica napus L.). Euphytica, 2006, 151, 401-409.	1.2	13
3058	Inheritance of anthracnose resistance in the common bean cultivar Widusa. Euphytica, 2006, 151, 411-419.	1.2	64
3059	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
3060	SSR marker tightly linked to the Ti locus in Soybean [Glycine max (L.) Merr.]. Euphytica, 2006, 152, 361-366.	1.2	23
3061	QTL mapping of fiber quality in an elite hybrid derived-RIL population of upland cotton. Euphytica, 2006, 152, 367-378.	1.2	99
3062	Genetic mapping of quantitative resistance to race 5 of Pseudomonas syringae pv. phaseolicola in common bean. Euphytica, 2006, 152, 397-404.	1.2	8
3063	QTL mapping for economic traits based on a dense genetic map of cotton with PCR-based markers using the interspecific cross of Gossypium hirsutum—Gossypium barbadense. Euphytica, 2006, 153, 181-197.	1.2	119
3064	Mapping of SMV resistance gene Rsc-7 by SSR markers in soybean. Genetica, 2006, 128, 63-69.	1.1	59
3065	Development of a second-generation genetic linkage map for peach [Prunus persica (L.) Batsch] and characterization of morphological traits affecting flower and fruit. Tree Genetics and Genomes, 2006, 3, 1-13.	1.6	121
3066	Defining the sunflower (Helianthus annuus L.) linkage group ends with the Arabidopsis-type telomere sequence repeat-derived markers. Chromosome Research, 2006, 14, 535-548.	2.2	32
3067	Resistance Gene Analog Polymorphism (RGAP) Markers Co-Localize with Disease Resistance Genes and QTL in Common Bean. Molecular Breeding, 2006, 17, 127-135.	2.1	37
3068	Genetic Mapping of the Tph1 Gene Controlling Beta-tocopherol Accumulation in Sunflower Seeds. Molecular Breeding, 2006, 17, 291-296.	2.1	25

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3070	Detection of QTLs Linked to Leaf and Smoke Properties in <i>Nicotiana glauca</i> Based on a Study of 114 Recombinant Inbred Lines. <i>Molecular Breeding</i> , 2006, 18, 69-91.	2.1	35
3071	ZmLrk-1, a receptor-like kinase induced by fungal infection in germinating seeds. <i>Planta</i> , 2006, 223, 1303-1314.	3.2	8
3072	Brittle stalk 2 encodes a putative glycosylphosphatidylinositol-anchored protein that affects mechanical strength of maize tissues by altering the composition and structure of secondary cell walls. <i>Planta</i> , 2006, 224, 1174-1184.	3.2	118
3073	Characterization and identification of the candidate gene of rice thermo-sensitive genic male sterile gene tms5 by mapping. <i>Planta</i> , 2006, 225, 321-330.	3.2	52
3074	Gene expression and genetic mapping analyses of a perennial ryegrass glycine-rich RNA-binding protein gene suggest a role in cold adaptation. <i>Molecular Genetics and Genomics</i> , 2006, 275, 399-408.	2.1	56
3075	AFLP and PCR-based markers linked to Rf3, a fertility restorer gene for S cytoplasmic male sterility in maize. <i>Molecular Genetics and Genomics</i> , 2006, 276, 162-169.	2.1	23
3076	Wheat genome structure: translocations during the course of polyploidization. <i>Functional and Integrative Genomics</i> , 2006, 6, 71-80.	3.5	60
3077	Complex microcolinearity among wheat, rice, and barley revealed by fine mapping of the genomic region harboring a major QTL for resistance to <i>Fusarium</i> head blight in wheat. <i>Functional and Integrative Genomics</i> , 2006, 6, 83-89.	3.5	183
3078	Expression genetics and haplotype analysis reveal cis regulation of serine carboxypeptidase I (Cxp1), a candidate gene for malting quality in barley (<i>Hordeum vulgare</i> L.). <i>Functional and Integrative Genomics</i> , 2006, 6, 25-35.	3.5	44
3079	Multiple genetic pathways for seed shattering in the grasses. <i>Functional and Integrative Genomics</i> , 2006, 6, 300-309.	3.5	120
3080	Single nucleotide polymorphism, genetic mapping, and expression of genes coding for the DOF wheat prolamins binding factor. <i>Functional and Integrative Genomics</i> , 2006, 6, 310-321.	3.5	32
3081	Construction of a linkage map of <i>Lentinula edodes</i> (shiitake) with the HEGS (high-efficiency genome) Tj ETQq0 0 0 rBT / Overlock 10 Tf	0.8	15
3082	Quantitative trait loci for body size components in mice. <i>Mammalian Genome</i> , 2006, 17, 526-537.	2.2	69
3083	Mapping diabetes QTL in an intercross derived from a congenic strain of the Brown Norway and Goto-Kakizaki rats. <i>Mammalian Genome</i> , 2006, 17, 538-547.	2.2	14
3084	High resolution mapping of chromosomal regions controlling resistance to gastrointestinal nematode infections in an advanced intercross line of mice. <i>Mammalian Genome</i> , 2006, 17, 584-597.	2.2	21
3085	Quantitative trait loci for individual adipose depot weights in C57BL/6ByJ x 129P3/J F2 mice. <i>Mammalian Genome</i> , 2006, 17, 1065-1077.	2.2	30
3086	A locus on mouse Chromosome 9 (Adip5) affects the relative weight of the gonadal but not retroperitoneal adipose depot. <i>Mammalian Genome</i> , 2006, 17, 1078-1092.	2.2	18

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3089	Identification of molecular markers for aluminium tolerance in diploid oat through comparative mapping and QTL analysis. <i>Theoretical and Applied Genetics</i> , 2006, 112, 222-231.	3.6	24
3090	Physical and genetic mapping of amplified fragment length polymorphisms and the leaf rust resistance <i>Lr3</i> gene on chromosome 6BL of wheat. <i>Theoretical and Applied Genetics</i> , 2006, 112, 251-257.	3.6	16
3091	Development of an integrated genetic map of a sugarcane (<i>Saccharum</i> spp.) commercial cross, based on a maximum-likelihood approach for estimation of linkage and linkage phases. <i>Theoretical and Applied Genetics</i> , 2006, 112, 298-314.	3.6	101
3092	Development of SCAR markers linked to three disease resistances based on AFLP within <i>Nicotiana tabacum</i> L. <i>Theoretical and Applied Genetics</i> , 2006, 112, 335-346.	3.6	45
3093	Genes involved in biosynthesis and signalisation of ethylene in <i>Brassica oleracea</i> and <i>Arabidopsis thaliana</i> : identification and genome comparative mapping of specific gene homologues. <i>Theoretical and Applied Genetics</i> , 2006, 112, 410-420.	3.6	25
3094	Characteristics, development and mapping of <i>Gossypium hirsutum</i> derived EST-SSRs in allotetraploid cotton. <i>Theoretical and Applied Genetics</i> , 2006, 112, 430-439.	3.6	204
3095	Mapping regulatory genes as candidates for cold and drought stress tolerance in barley. <i>Theoretical and Applied Genetics</i> , 2006, 112, 445-454.	3.6	128
3096	Quantitative trait loci for grain moisture at harvest and field grain drying rate in maize (<i>Zea mays</i> , L.). <i>Theoretical and Applied Genetics</i> , 2006, 112, 462-471.	3.6	38
3097	Leaf tip necrosis, molecular markers and β 1-proteasome subunits associated with the slow rusting resistance genes <i>Lr46/Yr29</i> . <i>Theoretical and Applied Genetics</i> , 2006, 112, 500-508.	3.6	138
3098	Quantitative trait loci for yield and related traits in the wheat population Ning7840—Clark. <i>Theoretical and Applied Genetics</i> , 2006, 112, 688-698.	3.6	225
3099	Quantitative trait loci for cell wall components in recombinant inbred lines of maize (<i>Zea mays</i> L.) II: leaf sheath tissue. <i>Theoretical and Applied Genetics</i> , 2006, 112, 717-726.	3.6	56
3100	Molecular analysis of the high stearic acid content in sunflower mutant CAS-14. <i>Theoretical and Applied Genetics</i> , 2006, 112, 867-875.	3.6	19
3101	Molecular mapping of genes for resistance to the bean pod weevil (<i>Apion godmani</i> Wagner) in common bean. <i>Theoretical and Applied Genetics</i> , 2006, 112, 913-923.	3.6	30
3102	Stability over genetic backgrounds, generations and years of quantitative trait locus (QTLs) for organoleptic quality in tomato. <i>Theoretical and Applied Genetics</i> , 2006, 112, 934-944.	3.6	75
3103	Functional mapping in pea, as an aid to the candidate gene selection and for investigating synteny with the model legume <i>Medicago truncatula</i> . <i>Theoretical and Applied Genetics</i> , 2006, 112, 1024-1041.	3.6	160
3104	SSR-based linkage map with new markers using an intraspecific population of common wheat. <i>Theoretical and Applied Genetics</i> , 2006, 112, 1042-1051.	3.6	132

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3106	QTL analysis of yield traits in an advanced backcross population derived from a cultivated Andean—A wild common bean (<i>Phaseolus vulgaris</i> L.) cross. Theoretical and Applied Genetics, 2006, 112, 1149-1163.	3.6	202
3107	Detection of QTLs for grain protein content in durum wheat. Theoretical and Applied Genetics, 2006, 112, 1195-1204.	3.6	112
3108	QTL analysis for rice grain length and fine mapping of an identified QTL with stable and major effects. Theoretical and Applied Genetics, 2006, 112, 1258-1270.	3.6	153
3109	Two recessive genes controlling thermophotoperiod-sensitive male sterility in wheat. Theoretical and Applied Genetics, 2006, 112, 1271-1276.	3.6	47
3110	Alignment of genetic maps and QTLs between inter- and intra-specific sorghum populations. Theoretical and Applied Genetics, 2006, 112, 1295-1305.	3.6	150
3111	Physical mapping of the Rf 1 fertility-restoring gene to a 100 kb region in cotton. Theoretical and Applied Genetics, 2006, 112, 1318-1325.	3.6	50
3112	An enhanced microsatellite map of diploid <i>Fragaria</i> . Theoretical and Applied Genetics, 2006, 112, 1349-1359.	3.6	112
3113	Molecular mapping of hybrid necrosis genes Ne1 and Ne2 in hexaploid wheat using microsatellite markers. Theoretical and Applied Genetics, 2006, 112, 1374-1381.	3.6	74
3114	Genetic mapping in sugarcane, a high polyploid, using bi-parental progeny: identification of a gene controlling stalk colour and a new rust resistance gene. Theoretical and Applied Genetics, 2006, 112, 1382-1391.	3.6	103
3115	Molecular mapping of a gene <i>ld(t)</i> controlling cleistogamy in rice. Theoretical and Applied Genetics, 2006, 112, 1429-1433.	3.6	17
3116	Genetic analyses and mapping of a new thermo-sensitive genic male sterile gene in maize. Theoretical and Applied Genetics, 2006, 113, 11-15.	3.6	17
3117	Molecular mapping of a novel gene, Grh5, conferring resistance to green rice leafhopper (<i>Nephotettix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	43
3118	Molecular validation of multiple allele inheritance for dominant genic male sterility gene in <i>Brassica napus</i> L. Theoretical and Applied Genetics, 2006, 113, 55-62.	3.6	32
3119	Identification of QTLs for <i>Ralstonia solanacearum</i> race 3-phylo type II resistance in tomato. Theoretical and Applied Genetics, 2006, 113, 110-121.	3.6	96
3120	Molecular mapping of a nuclear male-sterility gene in sunflower (<i>Helianthus annuus</i> L.) using TRAP and SSR markers. Theoretical and Applied Genetics, 2006, 113, 122-127.	3.6	49
3121	Connected populations for detecting quantitative trait loci and testing for epistasis: an application in maize. Theoretical and Applied Genetics, 2006, 113, 206-224.	3.6	229
3122	Fine mapping of the qCTS12 locus, a major QTL for seedling cold tolerance in rice. Theoretical and Applied Genetics, 2006, 113, 467-475.	3.6	150

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3124	Molecular mapping of a recessive gene for resistance to stripe rust in barley. Theoretical and Applied Genetics, 2006, 113, 529-537.	3.6	31
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3126	Ty3/gypsy-like retrotransposon knockout of a 2-methyl-6-phytyl-1,4-benzoquinone methyltransferase is non-lethal, uncovers a cryptic paralogous mutation, and produces novel tocopherol (vitamin E) profiles in sunflower. Theoretical and Applied Genetics, 2006, 113, 783-799.	3.6	41
3127	Fine mapping of a quantitative trait locus for grain number per panicle from wild rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582 T	3.6	82
3128	Fine mapping of the recessive genic male-sterile gene (Bnms1) in <i>Brassica napus</i> L.. Theoretical and Applied Genetics, 2006, 113, 643-650.	3.6	87
3129	Comparative mapping of genes for glume colouration and pubescence in hexaploid wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	44
3130	Genetic characterization of the polycotyledon locus in tomato. Theoretical and Applied Genetics, 2006, 113, 673-683.	3.6	20
3131	Comparison of linkage maps from F2 and three times intermated generations in two populations of European flint maize (<i>Zea mays</i> L.). Theoretical and Applied Genetics, 2006, 113, 857-866.	3.6	11
3132	Molecular detection of QTLs for agronomic and quality traits in a doubled haploid population derived from two Canadian wheats (<i>Triticum aestivum</i> L.). Theoretical and Applied Genetics, 2006, 113, 753-766.	3.6	321
3133	An updated â€˜Essexâ€™™ by â€˜Forrestâ€™™ linkage map and first composite interval map of QTL underlying six soybean traits. Theoretical and Applied Genetics, 2006, 113, 1015-1026.	3.6	106
3134	Identification and validation of molecular markers linked to the leaf rust resistance gene Lr19 in wheat. Theoretical and Applied Genetics, 2006, 113, 1027-1036.	3.6	97
3135	Development of simple sequence repeat markers specific for the Lr34 resistance region of wheat using sequence information from rice and <i>Aegilops tauschii</i> . Theoretical and Applied Genetics, 2006, 113, 1049-1062.	3.6	82
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#	ARTICLE	IF	CITATIONS
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3157	Construction of a Microsatellite Linkage Map with Two Sequenced Rice Varieties. Journal of Genetics and Genomics, 2006, 33, 152-160.	0.3	5
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3428	Different recombination frequencies in wheat doubled haploid populations obtained through maize pollination and anther culture. <i>Euphytica</i> , 2007, 156, 173-183.	1.2	17
3429	Genetic analysis of genotype-iron nutrition interaction on coleoptile elongation rate in rice (<i>Oryza</i>) Tj ETQq1 1,0,784314 rgBT /Ove	1.2	17
3430	Genetic analysis and molecular mapping of two dominant complementary genes determining resistance to sugarcane mosaic virus in maize. <i>Euphytica</i> , 2007, 156, 355-364.	1.2	29
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3432	Development of a molecular marker for a bruchid (<i>Callosobruchus chinensis</i> L.) resistance gene in mungbean. <i>Euphytica</i> , 2007, 157, 113-122.	1.2	45
3433	A quantitative trait locus influencing tolerance to <i>Phytophthora</i> root rot in the soybean cultivar <i>â</i> Conrad ^â ™. <i>Euphytica</i> , 2007, 158, 81-86.	1.2	46

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3435	Molecular mapping of genomic regions harboring QTLs for stalk rot resistance in sorghum. <i>Euphytica</i> , 2007, 159, 191-198.	1.2	33
3436	A corrected Haldane's map function to calculate genetic distances from recombination data. <i>Genetica</i> , 2007, 129, 333-338.	1.1	7
3437	A genetic linkage map of Pacific white shrimp (<i>Litopenaeus vannamei</i>): sex-linked microsatellite markers and high recombination rates. <i>Genetica</i> , 2007, 131, 37-49.	1.1	111
3438	Genetic basis of species differentiation between <i>Coffea liberica</i> Hiern and <i>C. canephora</i> Pierre: Analysis of an interspecific cross. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1011-1021.	1.6	24
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3444	Identification and characterization of segregation distortion loci along chromosome 5B in tetraploid wheat. <i>Molecular Genetics and Genomics</i> , 2007, 278, 187-196.	2.1	52
3445	Characterization and fine mapping of RppQ, a resistance gene to southern corn rust in maize. <i>Molecular Genetics and Genomics</i> , 2007, 278, 723-728.	2.1	34
3446	An AFLP genetic linkage map of pacific abalone (<i>Haliotis discus hannai</i>). <i>Journal of Ocean University of China</i> , 2007, 6, 259-267.	1.2	6
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3512	Molecular mapping of an apical branching gene of cultivated sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2008, 117, 19-28.	3.6	16
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3522	Molecular mapping of 36 soybean male-sterile, female-sterile mutants. <i>Theoretical and Applied Genetics</i> , 2008, 117, 711-719.	3.6	23
3523	Identification and mapping QTL for high-temperature adult-plant resistance to stripe rust in winter wheat (<i>Triticum aestivum</i> L.) cultivar "Stephens"™. <i>Theoretical and Applied Genetics</i> , 2008, 117, 793-802.	3.6	88

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3525	Genetic analysis of root elongation induced by phosphorus deficiency in rice (<i>Oryza sativa</i> L.): fine QTL mapping and multivariate analysis of related traits. <i>Theoretical and Applied Genetics</i> , 2008, 117, 987-996.	3.6	60
3526	Construction of SSR-based chromosome map in bunching onion (<i>Allium fistulosum</i>). <i>Theoretical and Applied Genetics</i> , 2008, 117, 1213-1223.	3.6	39
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3543	Micro-colinearity between rice, <i>Brachypodium</i> , and <i>Triticum monococcum</i> at the wheat domestication locus Q. <i>Functional and Integrative Genomics</i> , 2008, 8, 149-164.	3.5	53
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3555	Mapping and Quantitative Trait Loci Analysis of <i>Verticillium</i> Wilt Resistance Genes in Cotton. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 174-182.	8.5	66
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3561	Regulatory change in YABBY-like transcription factor led to evolution of extreme fruit size during tomato domestication. <i>Nature Genetics</i> , 2008, 40, 800-804.	21.4	342
3562	A dense linkage map of hybrid cottonwood (<i>Populus fremontii</i> Å— <i>P. angustifolia</i>) contributes to long-term ecological research and comparison mapping in a model forest tree. <i>Heredity</i> , 2008, 100, 59-70.	2.6	44
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3564	Genetic linkage map construction and location of QTLs for fruit-related traits in cucumber. <i>Plant Breeding</i> , 2008, 127, 180-188.	1.9	57
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3697	AFLP/SSR mapping of resistance genes to <i>Alectra vogelii</i> in cowpea (<i>Vigna</i>) Tj ETQq0 0 0 rgBT /Overlock 10 0.1 1	0.1	1
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3828	Characterization and mapping of complementary lesion-mimic genes <i>lm1</i> and <i>lm2</i> in common wheat. <i>Theoretical and Applied Genetics</i> , 2009, 119, 1005-1012.	3.6	30
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3830	Development of SSR markers derived from SSR-enriched genomic library of eggplant (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2009, 119, 1119-1128.	3.6	119
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3848	Evaluation of algorithms used to order markers on genetic maps. Heredity, 2009, 103, 494-502.	2.6	41
3849	Genomic survey of prepulse inhibition in mouse chromosome substitution strains. Genes, Brain and Behavior, 2009, 8, 806-816.	2.2	11
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3852	High-throughput single nucleotide polymorphism genotyping in wheat (<i>Triticum</i> spp.). Plant Biotechnology Journal, 2009, 7, 364-374.	8.3	60
3853	Genetic Mapping of <i>Magnaporthe grisea</i> Avirulence Gene Corresponding to Leaf and Panicle Blast Resistant QTLs in Jao Hom Nin Rice Cultivar. Journal of Phytopathology, 2009, 157, 338-343.	1.0	4
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3897	Mapping Quantitative Trait Loci Associated with Photoperiod Sensitivity in Maize (<i>Zea mays</i> L.). <i>Agricultural Sciences in China</i> , 2009, 8, 24-30.	0.6	2
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3905	Characterization and Fine Mapping of Non-panicle Mutant (nop) in Rice. <i>Rice Science</i> , 2009, 16, 165-172.	3.9	11

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3911	Molecular Mapping of a Stripe Rust Resistance Gene in Spring Wheat Cultivar Zak. Phytopathology, 2009, 99, 1209-1215.	2.2	52
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3922	Marker Development and Saturation Mapping of the Tan Spot Ptr ToxB Sensitivity Locus <i>Tsc2</i> in Hexaploid Wheat. Plant Genome, 2010, 3, .	2.8	48
3923	Chromosome Location, Linkage with Simple Sequence Repeat Markers, and Leaf Rust Resistance Conditioned by Gene <i>Lr63</i> in Wheat. Crop Science, 2010, 50, 2392-2395.	1.8	31
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3936	Chromosomal location and molecular mapping of a tan spot resistance gene in the winter wheat cultivar Red Chief. Journal of Applied Genetics, 2010, 51, 235-242.	1.9	10
3937	Vrn-D4 is a vernalization gene located on the centromeric region of chromosome 5D in hexaploid wheat. Theoretical and Applied Genetics, 2010, 120, 543-552.	3.6	98
3938	Identification of genetic factors influencing salt stress tolerance in white clover (Trifolium repens) Tj ETQq0 0 0 rgBTJ (Overlock 10 Tf 50	3.6	36
3939	Iso-lines and inbred-lines confirmed loci that underlie resistance from cultivar ‘Hartwig’™ to three soybean cyst nematode populations. Theoretical and Applied Genetics, 2010, 120, 633-644.	3.6	43
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3943	Dissection of the genetic basis of heterosis in an elite maize hybrid by QTL mapping in an immortalized F2 population. Theoretical and Applied Genetics, 2010, 120, 333-340.	3.6	132

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3945	Fine mapping of pepper trichome locus 1 controlling trichome formation in <i>Capsicum annum</i> L. CM334. <i>Theoretical and Applied Genetics</i> , 2010, 120, 1099-1106.	3.6	18
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3947	Influence of day-length and isolates of <i>Phytophthora infestans</i> on field resistance to late blight of potato. <i>Theoretical and Applied Genetics</i> , 2010, 120, 1265-1278.	3.6	12
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3952	Mapping and validation of QTLs for resistance to aphids and whiteflies in melon. <i>Theoretical and Applied Genetics</i> , 2010, 121, 9-20.	3.6	63
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3957	Identification of QTL in soybean underlying resistance to herbivory by Japanese beetles (<i>Popillia</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10	3.6	19
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3963	Genome mapping of kernel characteristics in hard red spring wheat breeding lines. <i>Theoretical and Applied Genetics</i> , 2010, 121, 717-730.	3.6	118
3964	Quantitative trait loci mapping of leaf angle and leaf orientation value in maize (<i>Zea mays</i> L.). <i>Theoretical and Applied Genetics</i> , 2010, 121, 951-959.	3.6	111
3965	A QTL study on late leaf spot and rust revealed one major QTL for molecular breeding for rust resistance in groundnut (<i>Arachis hypogaea</i> L.). <i>Theoretical and Applied Genetics</i> , 2010, 121, 971-984.	3.6	182
3966	QTL for seed iron and zinc concentration and content in a Mesoamerican common bean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	119
3967	Syntenic relationships among legumes revealed using a gene-based genetic linkage map of common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2010, 121, 1103-1116.	3.6	99
3968	Fine mapping QMi-C11 a major QTL controlling root-knot nematodes resistance in Upland cotton. <i>Theoretical and Applied Genetics</i> , 2010, 121, 1623-1631.	3.6	35
3969	Identification of QTL underlying somatic embryogenesis capacity of immature embryos in soybean (<i>Glycine max</i> (L.) Merr.). <i>Plant Cell Reports</i> , 2010, 29, 125-131.	5.6	17
3970	Characterization and fine mapping of the glabrous leaf and hull mutants (gl1) in rice (<i>Oryza sativa</i> L.). <i>Plant Cell Reports</i> , 2010, 29, 617-627.	5.6	34
3971	Preliminary genetic linkage map of the abalone <i>Haliotis diversicolor</i> Reeve. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 549-557.	0.7	8
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3977	A Quantitative Trait Locus for Chlorophyll Content and its Association with Leaf Photosynthesis in Rice. <i>Rice</i> , 2010, 3, 172-180.	4.0	99
3978	Characterization, inheritance, and molecular study of opaque leaf mutant in mungbean (<i>Vigna radiata</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	2
3979	Comparison and analysis of main effects, epistatic effects, and QTL × environment interactions of QTLs for agronomic traits using DH and RILs populations in rice. <i>Journal of Crop Science and Biotechnology</i> , 2010, 13, 235-241.	1.5	2

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3981	Segregation distortion in F2 and doubled haploid populations of temperate japonica rice. <i>Journal of Genetics</i> , 2010, 89, 237-241.	0.7	18
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3983	Flanking Microsatellite Markers for Breeding Varieties Against Asian Rice Gall Midge. <i>Tropical Plant Biology</i> , 2010, 3, 219-226.	1.9	6
3984	Identification of QTLs controlling somatic embryogenesis using RI population of cultivar "Weedy" soybean. <i>Plant Biotechnology Reports</i> , 2010, 4, 23-27.	1.5	2
3985	Molecular mapping and location of QTLs for drought-resistance traits in indica rice (<i>Oryza sativa</i> L.) lines adapted to target environments. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 355-364.	2.1	52
3986	Extension of the core map of common bean with EST-SSR, RGA, AFLP, and putative functional markers. <i>Molecular Breeding</i> , 2010, 25, 25-45.	2.1	72
3987	Inheritance of seed color and molecular markers linked to the seed color gene in <i>Brassica juncea</i> . <i>Molecular Breeding</i> , 2010, 25, 57-65.	2.1	8
3988	Functional diversity at the Rc (red coleoptile) gene in bread wheat. <i>Molecular Breeding</i> , 2010, 25, 125-132.	2.1	28
3989	Identification of major quantitative trait loci qSBR11-1 for sheath blight resistance in rice. <i>Molecular Breeding</i> , 2010, 25, 155-166.	2.1	131
3990	Genetic and physical mapping of blast resistance gene Pi-42(t) on the short arm of rice chromosome 12. <i>Molecular Breeding</i> , 2010, 25, 217-228.	2.1	22
3991	Molecular mapping of pea powdery mildew resistance gene er2 to pea linkage group III. <i>Molecular Breeding</i> , 2010, 25, 229-237.	2.1	49
3992	Ent-kaurenoic acid oxidase genes in wheat. <i>Molecular Breeding</i> , 2010, 25, 251-258.	2.1	14
3993	Identification of quantitative trait loci for specific mechanisms of resistance to <i>Orobanche crenata</i> Forsk. in pea (<i>Pisum sativum</i> L.). <i>Molecular Breeding</i> , 2010, 25, 259-272.	2.1	60
3994	Identification of novel tan spot resistance QTLs using an SSR-based linkage map of tetraploid wheat. <i>Molecular Breeding</i> , 2010, 25, 327-338.	2.1	66
3995	Mapping of southern corn rust-resistant genes in the W2D inbred line of maize (<i>Zea mays</i> L.). <i>Molecular Breeding</i> , 2010, 25, 433-439.	2.1	33
3996	Inheritance of seed coat color genes in <i>Brassica napus</i> (L.) and tagging the genes using SRAP, SCAR and SNP molecular markers. <i>Molecular Breeding</i> , 2010, 26, 439-453.	2.1	27
3997	Quantitative trait loci for resistance to spot blotch caused by <i>Bipolaris sorokiniana</i> in wheat (T.) Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.1	83

#	ARTICLE	IF	CITATIONS
3998	Genic markers for wild abortive (WA) cytoplasm based male sterility and its fertility restoration in rice. <i>Molecular Breeding</i> , 2010, 26, 275-292.	2.1	52
3999	Identification of a new QTL for Fusarium head blight resistance in the wheat genotype "Wang shui-bai". <i>Molecular Biology Reports</i> , 2010, 37, 1031-1035.	2.3	21
4000	Molecular markers for kernel bitterness in almond. <i>Tree Genetics and Genomes</i> , 2010, 6, 237-245.	1.6	49
4001	Quantitative trait analysis of resistance to plum pox virus in the apricot F1 progeny "Harlayne" – "Vestara". <i>Tree Genetics and Genomes</i> , 2010, 6, 467-475.	1.6	27
4002	Genomic regions involved in productivity of two interspecific poplar families in Europe. 2. Biomass production and its relationships with tree architecture and phenology. <i>Tree Genetics and Genomes</i> , 2010, 6, 533-554.	1.6	12
4003	The emerging role of genomic tools in mulberry (<i>Morus</i>) genetic improvement. <i>Tree Genetics and Genomes</i> , 2010, 6, 613-625.	1.6	44
4004	A hidden Markov model approach to multilocus linkage analysis in a full-sib family. <i>Tree Genetics and Genomes</i> , 2010, 6, 651-662.	1.6	26
4005	Genetic linkage maps of <i>Populus alba</i> L. and comparative mapping analysis of sex determination across <i>Populus</i> species. <i>Tree Genetics and Genomes</i> , 2010, 6, 863-875.	1.6	87
4006	Genetic and physical mapping of the SH3 region that confers resistance to leaf rust in coffee tree (<i>Coffea arabica</i> L.). <i>Tree Genetics and Genomes</i> , 2010, 6, 973-980.	1.6	21
4007	Development and mapping of peach candidate genes involved in fruit quality and their transferability and potential use in other Rosaceae species. <i>Tree Genetics and Genomes</i> , 2010, 6, 995-1012.	1.6	23
4008	Inheritance of resistance to iron deficiency and identification of AFLP markers associated with the resistance in mungbean (<i>Vigna radiata</i> (L.) Wilczek). <i>Plant and Soil</i> , 2010, 335, 423-437.	3.7	15
4009	Genetic Analysis and Molecular Mapping of a Novel Gene Conferring Resistance to Rice Stripe Virus. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 512-518.	1.8	19
4010	Mapping quantitative resistance to septoria tritici blotch in spelt wheat. <i>European Journal of Plant Pathology</i> , 2010, 128, 317-324.	1.7	22
4011	Quantitative trait loci for stomatal density and size in lowland rice. <i>Euphytica</i> , 2010, 172, 149-158.	1.2	52
4012	Identification of QTL underlying soluble pigment content in soybean stems related to resistance to soybean white mold (<i>Sclerotinia sclerotiorum</i>). <i>Euphytica</i> , 2010, 172, 49-57.	1.2	53
4013	Root traits and yield in sugar beet: identification of AFLP markers associated with root elongation rate. <i>Euphytica</i> , 2010, 173, 289-298.	1.2	18
4014	Mapping of QTLs detected in a Brassica napus DH population for resistance to Sclerotinia sclerotiorum in multiple environments. <i>Euphytica</i> , 2010, 173, 25-35.	1.2	75
4015	A new rice gall midge resistance gene in the breeding line CR57-MR1523, mapping with flanking markers and development of NILs. <i>Euphytica</i> , 2010, 174, 179-187.	1.2	55

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4016	Identification of molecular markers linked to adult plant leaf rust resistance gene Lr48 in wheat and detection of Lr48 in the Thatcher near-isogenic line with gene Lr25. <i>Euphytica</i> , 2010, 174, 337-342.	1.2	23
4017	Tagging the dwarfing gene Ddw1 in a rye population derived from doubled haploid parents. <i>Euphytica</i> , 2010, 172, 303-312.	1.2	26
4018	Mapping genes controlling anthocyanin pigmentation on the glume and pericarp in tetraploid wheat (<i>Triticum durum</i> L.). <i>Euphytica</i> , 2010, 171, 65-69.	1.2	51
4019	Development and characterization of tomato SSR markers from genomic sequences of anchored BAC clones on chromosome 6. <i>Euphytica</i> , 2010, 173, 85-97.	1.2	24
4020	Identification and molecular mapping of a leaf rust resistance gene in spelt wheat landrace Altgold. <i>Euphytica</i> , 2010, 174, 371-375.	1.2	13
4021	Mapping of quantitative trait loci controlling partial resistance against rust incited by <i>Uromyces pisi</i> (Pers.) Wint. in a <i>Pisum fulvum</i> L. intraspecific cross. <i>Euphytica</i> , 2010, 175, 151-159.	1.2	54
4022	Identification of QTL for oil content, seed yield, and flowering time in oilseed rape (<i>Brassica napus</i>). <i>Euphytica</i> , 2010, 175, 161-174.	1.2	79
4023	Quantitative trait loci influencing fruit-related characteristics of tomato grown in high-temperature conditions. <i>Euphytica</i> , 2010, 174, 119-135.	1.2	43
4024	Molecular mapping of a gene conferring resistance to <i>Aphanomyces</i> root rot (black root) in sugar beet (<i>Beta vulgaris</i> L.). <i>Euphytica</i> , 2010, 173, 409-418.	1.2	23
4025	Identification of QTLs for stay green trait in wheat (<i>Triticum aestivum</i> L.) in the "Chirya 3"–"Sonalika" population. <i>Euphytica</i> , 2010, 174, 437-445.	1.2	103
4026	A consensus genetic map of chickpea (<i>Cicer arietinum</i> L.) based on 10 mapping populations. <i>Euphytica</i> , 2010, 175, 175-189.	1.2	101
4027	Identification of markers associated with genes for rust resistance in <i>Lens culinaris</i> Medik.. <i>Euphytica</i> , 2010, 175, 261-265.	1.2	44
4028	Inheritance of resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> races 0 and 2 in melon accession Tortuga. <i>Euphytica</i> , 2010, 176, 183-189.	1.2	24
4029	Fine mapping of the quantitative trait locus qFLL9 controlling flag leaf length in rice. <i>Euphytica</i> , 2010, 176, 341-347.	1.2	16
4030	Mapping a gene conferring resistance to Wheat yellow mosaic virus in European winter wheat cultivar "Ibis" (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2010, 176, 223-229.	1.2	27
4031	A dominant gene for garnet brown seed coats at the Rk locus in "Dorado" common bean and mapping Rk to linkage group 1. <i>Euphytica</i> , 2010, 176, 281-290.	1.2	5
4032	A recombination survey using microsatellites: the O chromosome of <i>Drosophila subobscura</i> . <i>Genetica</i> , 2010, 138, 795-804.	1.1	16
4033	Mapping quantitative trait loci (QTLs) associated with dough quality in a soft–hard bread wheat progeny. <i>Journal of Cereal Science</i> , 2010, 52, 46-52.	3.7	22

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4034	QTL mapping for Mediterranean corn borer resistance in European flint germplasm using recombinant inbred lines. BMC Genomics, 2010, 11, 174.	2.8	43
4035	Synten mapping between common bean and soybean reveals extensive blocks of shared loci. BMC Genomics, 2010, 11, 184.	2.8	100
4036	The first-generation <i>Daphnia magna</i> linkage map. BMC Genomics, 2010, 11, 508.	2.8	54
4037	A fast and cost-effective approach to develop and map EST-SSR markers: oak as a case study. BMC Genomics, 2010, 11, 570.	2.8	144
4038	Genetic heterogeneity in rheumatoid arthritis mouse models induced by extrinsic and intrinsic factors. Pathology International, 2010, 60, 430-437.	1.3	0
4039	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.	3.6	14
4040	QTLs and candidate genes for desiccation and abscisic acid content in maize kernels. BMC Plant Biology, 2010, 10, 2.	3.6	64
4041	Variation and inheritance of iron reductase activity in the roots of common bean (<i>Phaseolus vulgaris</i>) Tj ETQq1 1 0.784314 rgBT /Over to	3.6	51
4042	Potential chromosomal introgression barriers revealed by linkage analysis in a hybrid of <i>Pinus massoniana</i> and <i>P. hwangshanensis</i> . BMC Plant Biology, 2010, 10, 37.	3.6	15
4043	Transmission ratio distortion results in asymmetric introgression in Louisiana Iris. BMC Plant Biology, 2010, 10, 48.	3.6	21
4044	Expression of a small heat shock protein (CTL-hsyap) screened by cDNA-AFLP approach is correlated with hydroxysafflor yellow A in safflower (<i>Carthamus tinctorius</i> L.). Biochemical Systematics and Ecology, 2010, 38, 722-730.	1.3	10
4045	Expression of CT-wpr, screened by cDNA-AFLP approach, associated with hydroxysafflor yellow A in <i>Carthamus tinctorius</i> L.. Biochemical Systematics and Ecology, 2010, 38, 1148-1155.	1.3	8
4046	Comparative analyses of linkage maps and segregation distortion of two F2 populations derived from japonica crossed with indica rice. Hereditas, 2010, 147, 225-236.	1.4	22
4047	Molecular mapping of a non-host resistance gene YrpstY1 in barley (<i>Hordeum vulgare</i> L.) for resistance to wheat stripe rust. Hereditas, 2010, 147, 176-182.	1.4	20
4048	Localization of the gene responsible for the <i>op</i> (osteopetrotic) defect in rats on chromosome 10. Journal of Bone and Mineral Research, 1996, 11, 1856-1861.	2.8	7
4049	Genetic dissection of rice grain shape using a recombinant inbred line population derived from two contrasting parents and fine mapping a pleiotropic quantitative trait locus qGL7. BMC Genetics, 2010, 11, 16.	2.7	162
4050	Inheritance and identification of molecular markers associated with a novel dwarfing gene in barley. BMC Genetics, 2010, 11, 89.	2.7	29
4051	<i>SPL28</i> encodes a clathrin-associated adaptor protein complex 1, medium subunit 1 (AP1M1) and is responsible for spotted leaf and early senescence in rice (<i>Oryza sativa</i>). New Phytologist, 2010, 185, 258-274.	7.3	162

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4052	A sequence-tagged genetic map for the brown alga <i>Ectocarpus siliculosus</i> provides large-scale assembly of the genome sequence. <i>New Phytologist</i> , 2010, 188, 42-51.	7.3	59
4053	Specific resistances against <i>Pseudomonas syringae</i> effectors AvrB and AvrRpm1 have evolved differently in common bean (<i>Phaseolus vulgaris</i>), soybean (<i>Glycine max</i>), and <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2010, 187, 941-956.	7.3	50
4054	GENETICS OF INCIPIENT SPECIATION IN DROSOPHILA MOJAVENSIS. III. LIFE-HISTORY DIVERGENCE IN ALLOPATRY AND REPRODUCTIVE ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 3549-3569.	2.3	34
4055	Multiple features that distinguish unilateral incongruity and self-incompatibility in the tomato clade. <i>Plant Journal</i> , 2010, 64, 367-378.	5.7	69
4056	Assessment of structural variation and molecular mapping of insertion sites of <i>Desmar</i> -like elements in the Hessian fly genome. <i>Insect Molecular Biology</i> , 2010, 19, 707-715.	2.0	5
4057	QTL for the species-specific male and female genital morphologies in <i>Ohomopterus</i> ground beetles. <i>Molecular Ecology</i> , 2010, 19, 5231-5239.	3.9	31
4058	Contrasting relationships between the diversity of candidate genes and variation of bud burst in natural and segregating populations of European oaks. <i>Heredity</i> , 2010, 104, 438-448.	2.6	69
4059	Contrasting relations between diversity of candidate genes and variation of bud burst in natural and segregating populations of European oaks. <i>Heredity</i> , 2010, 105, 401-411.	2.6	23
4060	Allelic variation in a fatty-acyl reductase gene causes divergence in moth sex pheromones. <i>Nature</i> , 2010, 466, 486-489.	27.8	186
4061	Dopamine level in the medulla oblongata is under the control of chromosome 8 locus in ISIAH rats. <i>Doklady Biological Sciences</i> , 2010, 431, 100-102.	0.6	2
4062	OsSPL14 promotes panicle branching and higher grain productivity in rice. <i>Nature Genetics</i> , 2010, 42, 545-549.	21.4	1,187
4063	Insertion site-based polymorphism markers open new perspectives for genome saturation and marker-assisted selection in wheat. <i>Plant Biotechnology Journal</i> , 2010, 8, 196-210.	8.3	111
4064	Novel potato C2H2-type zinc finger protein gene, StZFP1, which responds to biotic and abiotic stress, plays a role in salt tolerance. <i>Plant Biology</i> , 2010, 12, 689-697.	3.8	87
4065	Molecular mapping of a fertility restorer gene for cytoplasmic male sterility in soybean. <i>Plant Breeding</i> , 2010, 129, 9-12.	1.9	11
4066	A codominant SCAR marker linked to the genic male sterility gene (<i>ms</i> ₁) in chili pepper (<i>Capsicum annuum</i>). <i>Plant Breeding</i> , 2010, 129, 35-38.	1.9	21
4067	Genetic mapping for the <i>Rf1</i> (fertility restoration) gene in sunflower (<i>Helianthus</i>) Tj ETQq1 1 0.784314 rgBT ₁ /Overlock 10 Tf 50	1.9	59
4068	Development of pyramided lines with two resistance genes, <i>Pish</i> and <i>Pib</i> , for blast disease (<i>Magnaporthe oryzae</i> B. Couch) in rice (<i>Oryza sativa</i> L.). <i>Plant Breeding</i> , 2010, 129, 670-675.	1.9	47
4069	A microsatellite linkage map for <i>Drosophila montana</i> shows large variation in recombination rates, and a courtship song trait maps to an area of low recombination. <i>Journal of Evolutionary Biology</i> , 2010, 23, 518-527.	1.7	15

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4071	Genetic analysis of the low-amylose characteristics of rice cultivars Oborozuki and Hokkai-PL9. <i>Breeding Science</i> , 2010, 60, 187-194.	1.9	40
4072	A New PCR-Based Linkage Map in Pearl Millet. <i>Crop Science</i> , 2010, 50, 1754-1760.	1.8	15
4073	Mapping of genes abundantly expressed during fruiting body formation of <i>Lentinula edodes</i> . <i>Breeding Science</i> , 2010, 60, 81-86.	1.9	2
4074	Mapping Quantitative Trait Loci for Partial Resistance to <i>Phytophthora sojae</i> in a Soybean Interspecific Cross. <i>Crop Science</i> , 2010, 50, 628-635.	1.8	53
4075	Identification of QTLs Associated with Partial Resistance to White Mold in Soybean Using Field-Based Inoculation. <i>Crop Science</i> , 2010, 50, 969-979.	1.8	33
4076	QTL Analysis of Seed Coat Cracking in Soybean. <i>Crop Science</i> , 2010, 50, 1230-1235.	1.8	10
4077	Identification of Flanking Markers for the Stem Rust Resistance Gene <i>Sr6</i> in Wheat. <i>Crop Science</i> , 2010, 50, 1967-1970.	1.8	14
4078	A New Locus for Early Maturity in Soybean. <i>Crop Science</i> , 2010, 50, 524-527.	1.8	208
4079	Microsatellite mapping of a leaf rust resistance gene transferred to common wheat from <i>Triticum timopheevii</i> . <i>Cereal Research Communications</i> , 2010, 38, 211-219.	1.6	15
4080	Identification of QTLs and associated molecular markers related to starch degradation in wheat seedlings (<i>Triticum aestivum</i> L.) under saline stress. <i>Cereal Research Communications</i> , 2010, 38, 163-174.	1.6	7
4081	Hypersensitive Response-Like Reaction Is Associated with Hybrid Necrosis in Interspecific Crosses between Tetraploid Wheat and <i>Aegilops tauschii</i> Coss. <i>PLoS ONE</i> , 2010, 5, e11326.	2.5	72
4082	Analysis of rice panicle traits and detection of QTLs using an image analyzing method. <i>Breeding Science</i> , 2010, 60, 55-64.	1.9	49
4083	Development of parthenogenesis-linked markers in <i>Allium ramosum</i> , syn. <i>A. tuberosum</i> (2n=4x=32) by bulk segregant analysis. <i>Ikushugaku Kenkyu</i> , 2010, 12, 73-80.	0.3	0
4084	Identification of Novel QTL for Sawfly Resistance in Wheat. <i>Crop Science</i> , 2010, 50, 73-86.	1.8	48
4085	Genetic Markers and Leaf Rust Resistance of the Wheat Gene <i>Lr32</i> . <i>Crop Science</i> , 2010, 50, 2310-2317.	1.8	50
4086	Genetic Maps of Stem Rust Resistance Gene <i>Sr35</i> in Diploid and Hexaploid Wheat. <i>Crop Science</i> , 2010, 50, 2464-2474.	1.8	51
4087	Disruption of an N-acetyltransferase gene in the silkworm reveals a novel role in pigmentation. <i>Development (Cambridge)</i> , 2010, 137, 4083-4090.	2.5	77

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4089	Mutations of an Arylalkylamine-N-acetyltransferase, Bm-iAANAT, Are Responsible for Silkworm Melanism Mutant. <i>Journal of Biological Chemistry</i> , 2010, 285, 19553-19560.	3.4	82
4090	Genetic Architecture of Novel Traits in the Hopi Sunflower. <i>Journal of Heredity</i> , 2010, 101, 727-736.	2.4	12
4091	Genetic Analysis of Genes Controlling Natural Variation of Seed Coat and Flower Colors in Soybean. <i>Journal of Heredity</i> , 2010, 101, 757-768.	2.4	84
4092	Identifying QTL Controlling Kernel Color in Barley. <i>Journal of Crop Improvement</i> , 2010, 24, 219-227.	1.7	1
4093	THREaD Mapper Studio: a novel, visual web server for the estimation of genetic linkage maps. <i>Nucleic Acids Research</i> , 2010, 38, W188-W193.	14.5	24
4094	A major QTL for resistance to green rice leafhopper (<i>Nephotettix cincticeps</i> Uhler) derived from African rice (<i>Oryza glaberrima</i> Steud.). <i>Breeding Science</i> , 2010, 60, 336-341.	1.9	29
4095	Germination variation in <i>Arabidopsis thaliana</i> accessions under moderate osmotic and salt stresses. <i>Annals of Botany</i> , 2010, 106, 833-842.	2.9	71
4096	Widespread Gene Conversion in Centromere Cores. <i>PLoS Biology</i> , 2010, 8, e1000327.	5.6	109
4097	Construction of a new set of rice chromosome segment substitution lines and identification of grain weight and related traits QTLs. <i>Breeding Science</i> , 2010, 60, 305-313.	1.9	40
4098	Mapping of QTLs controlling seedling establishment using a direct seeding method in rice. <i>Breeding Science</i> , 2010, 60, 353-360.	1.9	35
4099	An ABC Transporter Mutation Is Correlated with Insect Resistance to <i>Bacillus thuringiensis</i> Cry1Ac Toxin. <i>PLoS Genetics</i> , 2010, 6, e1001248.	3.5	312
4100	A Locus on Mouse Chromosome 2 Is Involved in Susceptibility to Congenital Hypothyroidism and Contains an Essential Gene Expressed in Thyroid. <i>Endocrinology</i> , 2010, 151, 1948-1958.	2.8	19
4101	Natural Diversity in Flowering Responses of <i>Arabidopsis thaliana</i> Caused by Variation in a Tandem Gene Array. <i>Genetics</i> , 2010, 186, 263-276.	2.9	40
4102	Contrasting Methods of Quantifying Fine Structure of Human Recombination. <i>Annual Review of Genomics and Human Genetics</i> , 2010, 11, 45-64.	6.2	32
4103	Transgenic Crop Plants: Contributions, Concerns, and Compulsions. , 2010, , 435-477.		3
4104	Comparison Between QTLs for Chlorophyll Content and Genes Controlling Chlorophyll Biosynthesis and Degradation in Japonica Rice. <i>Acta Agronomica Sinica</i> , 2010, 36, 376-384.	0.3	8
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4107	Cloning and molecular characterization of the potato RING finger protein gene StRFP1 and its function in potato broad-spectrum resistance against <i>Phytophthora infestans</i> . <i>Journal of Plant Physiology</i> , 2010, 167, 488-496.	3.5	33
4108	Genetic map construction and quantitative trait loci (QTL) mapping for nitrogen use efficiency and its relationship with productivity and quality of the biennial crop Belgian endive (<i>Cichorium intybus</i> L.). <i>Journal of Plant Physiology</i> , 2010, 167, 1253-1263.	3.5	4
4109	An expanded genetic linkage map of an intervarietal <i>Agaricus bisporus</i> var. <i>bisporus</i> — <i>A. bisporus</i> var. <i>burnettii</i> hybrid based on AFLP, SSR and CAPS markers sheds light on the recombination behaviour of the species. <i>Fungal Genetics and Biology</i> , 2010, 47, 226-236.	2.1	58
4110	Mapping QTLs for grain yield and yield components under high and low phosphorus treatments in maize (<i>Zea mays</i> L.). <i>Plant Science</i> , 2010, 178, 454-462.	3.6	70
4111	Quantitative trait loci analysis of flowering-time-related traits in tomato. <i>Scientia Horticulturae</i> , 2010, 123, 343-349.	3.6	9
4112	Novel pleiotropic loci controlling panicle architecture across environments in japonica rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	20
4113	Development of molecular markers and linkage maps for the <i>Carthamus</i> species <i>C. Atinctorius</i> and <i>C. Axyacanthus</i> . <i>Genome</i> , 2010, 53, 266-276.	2.0	35
4114	Genetic Control of the Corticosterone Level at Rest and Under Emotional Stress in ISIAH Rats with Inherited Stress-Induced Arterial Hypertension. <i>Clinical and Experimental Hypertension</i> , 2010, 32, 364-371.	1.3	11
4115	Genetic Analysis and Molecular Mapping of Two SMV-Resistance Traits in Soybean: Adult-Plant Resistance and Resistance to Seed Coat Mottling. <i>Agricultural Sciences in China</i> , 2010, 9, 11-18.	0.6	3
4116	Quantitative Trait Loci for Panicle Size and Grain Yield Detected in Interval RM111-RM19 784 on the Short Arm of Rice Chromosome 6. <i>Agricultural Sciences in China</i> , 2010, 9, 1085-1092.	0.6	4
4117	Stability of QTL Across Environments and QTL-by-Environment Interactions for Plant and Ear Height in Maize. <i>Agricultural Sciences in China</i> , 2010, 9, 1400-1412.	0.6	27
4118	Quantitative Trait Loci for Resistance Against Fusarium Wilt Based on Three Cotton F2 Populations. <i>Agricultural Sciences in China</i> , 2010, 9, 1799-1806.	0.6	10
4119	Dissection of QTLs for Hull Silicon Content on the Short Arm of Rice Chromosome 6. <i>Rice Science</i> , 2010, 17, 99-104.	3.9	1
4120	Genetic analysis and mapping of a thermosensitive genic male sterility gene, <i>tms6(t)</i> , in rice (<i>Oryza sativa</i> L.). <i>Genome</i> , 2010, 53, 119-124.	2.0	19
4122	A first genome assembly of the barley fungal pathogen <i>Pyrenophora teres</i> f. <i>teres</i> . <i>Genome Biology</i> , 2010, 11, R109.	8.8	90
4123	Candidate genes for alcohol preference identified by expression profiling in alcohol-preferring and -nonpreferring reciprocal congenic rats. <i>Genome Biology</i> , 2010, 11, R11.	9.6	34
4124	Dynamic quantitative trait loci for salt stress components on chromosome 1 of rice. <i>Functional Plant Biology</i> , 2010, 37, 634.	2.1	61

#	ARTICLE	IF	CITATIONS
4125	Genetic Linkage Maps of the Noble Scallop <i>Chlamys nobilis</i> Reeve Based on Aflp and Microsatellite Markers. Journal of Shellfish Research, 2010, 29, 55-62.	0.9	5
4126	Genetic Analysis and Molecular Mapping of Quantitative Trait Loci in Common Bean Against <i>Pythium ultimum</i> . Phytopathology, 2010, 100, 1315-1320.	2.2	19
4127	Mapping of quantitative trait loci for high level of self-incompatibility in <i>Brassica rapa</i> L.. Genome, 2010, 53, 257-265.	2.0	36
4128	A Novel Retrotransposon Inserted in the Dominant <i>Vrn-B1</i> Allele Confers Spring Growth Habit in Tetraploid Wheat (<i>Triticum turgidum</i> L.). G3: Genes, Genomes, Genetics, 2011, 1, 637-645.	1.8	72
4129	A genetic map of an Australian wild <i>Gossypium</i> C genome and assignment of homoeologies with tetraploid cultivated cotton. Genome, 2011, 54, 779-794.	2.0	10
4130	Mapping QTL for grain yield, yield components, and spike features in a doubled haploid population of bread wheat. Genome, 2011, 54, 517-527.	2.0	102
4131	Use of diversity arrays technology markers for integration into a cotton reference map and anchoring to a recombinant inbred line map. Genome, 2011, 54, 349-359.	2.0	5
4132	QTL Mapping of Whitefly Resistance in Soybean. Journal of Crop Improvement, 2011, 25, 134-150.	1.7	8
4133	Dro1, a major QTL involved in deep rooting of rice under upland field conditions. Journal of Experimental Botany, 2011, 62, 2485-2494.	4.8	280
4134	Identification and Fine Mapping of Semidwarf Gene <i>iga-1</i> in Rice. Acta Agronomica Sinica, 2011, 37, 955-964.	0.3	1
4135	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . PLoS Genetics, 2011, 7, e1002230.	3.5	902
4136	Characterization of a novel high-tillering dwarf 3 mutant in rice. Journal of Genetics and Genomics, 2011, 38, 411-418.	3.9	21
4137	Artificial selection for a green revolution gene during <i>japonica</i> rice domestication. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11034-11039.	7.1	179
4138	Genetic association of crown rust resistance gene <i>Pc68</i> , storage protein loci, and resistance gene analogues in oats. Genome, 2011, 54, 484-497.	2.0	17
4139	Contributions of Flowering Time Genes to Sunflower Domestication and Improvement. Genetics, 2011, 187, 271-287.	2.9	82
4140	Development, characterization and linkage analysis of microsatellite loci for the <i>Ascochyta</i> blight pathogen of faba bean, <i>Didymella fabae</i> . Journal of Microbiological Methods, 2011, 87, 128-130.	1.6	4
4141	Development of upland rice introgression lines and identification of QTLs for basal root thickness under different water regimes. Journal of Genetics and Genomics, 2011, 38, 547-556.	3.9	21
4142	Characterization of a single recessive yield trait mutant with elevated endogenous ABA concentration and deformed grains, spikelets and leaves. Plant Science, 2011, 180, 306-312.	3.6	10

#	ARTICLE	IF	CITATION
4143	Enrichment of a common wheat genetic map and QTL mapping for fatty acid content in grain. Plant Science, 2011, 181, 65-75.	3.6	31
4144	Identification of QTLs for Morph-Physiological Traits Related to Salinity Tolerance at Seedling Stage in Indica Rice. Procedia Environmental Sciences, 2011, 8, 389-395.	1.4	14
4145	Characterization and genetic linkage mapping of the horticulturally important mutation leafless inflorescence (lli) in periwinkle Catharanthus roseus. Scientia Horticulturae, 2011, 129, 142-153.	3.6	16
4146	Quantitative trait analysis of transplanting time and other root-growth-related traits in tomato. Scientia Horticulturae, 2011, 129, 622-628.	3.6	3
4147	Inheritance and Molecular Marker of Resistance to Bot Canker in Malus domestica. Agricultural Sciences in China, 2011, 10, 175-184.	0.6	2
4148	QTL Mapping for Wheat Flour Color with Additive, Epistatic, and QTL×Environmental Interaction Effects. Agricultural Sciences in China, 2011, 10, 651-660.	0.6	20
4149	Mapping of QTL Associated with Drought Tolerance in a Semi-Automobile Rain Shelter in Maize (Zea mays L.) Tj ETQq0 0 0 0 rgBT /Overlock 10	0.6	19
4150	A Genetic Linkage Map of Kenaf (Hibiscus cannabinus L.) Based on SRAP, ISSR and RAPD Markers. Agricultural Sciences in China, 2011, 10, 1346-1353.	0.6	9
4151	Identification of QTLs for Yield-Related Traits in the recombinant Inbred Line Population Derived from the Cross Between a Synthetic Hexaploid Wheat-Derived Variety Chuanmai 42 and a Chinese Elite Variety Chuannong 16. Agricultural Sciences in China, 2011, 10, 1665-1680.	0.6	26
4152	Quantitative Trait Loci for Yield Traits Located Between Hd3a and Hd1 on Short Arm of Chromosome 6 in Rice. Rice Science, 2011, 18, 257-264.	3.9	1
4153	Mapping and Comparative Analysis of QTL for Rice Plant Height Based on Different Sample Sizes within a Single Line in RIL Population. Rice Science, 2011, 18, 265-272.	3.9	10
4154	Population-specific quantitative trait loci mapping for functional stay-green trait in rice (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 31	2.0	31
4155	Genetic Analysis and Preliminary Mapping of Two Recessive Resistance Genes to Brown Planthopper, Nilaparvata lugens Stål in Rice. Rice Science, 2011, 18, 238-242.	3.9	25
4156	Molecular Mapping of QTLs for Yield and Yield-Related Traits in Oryza sativa cv Swarna × O. nivara (IRGC81848) Backcross Population. Rice Science, 2011, 18, 178-186.	3.9	35
4157	Pyramiding two genes for leaf rust and powdery mildew resistance in common wheat. Cereal Research Communications, 2011, 39, 577-588.	1.6	12
4158	Characterization of wheat yellow rust resistance gene<i>Yr17</i> using EST-SSR and rice syntenic region. Cereal Research Communications, 2011, 39, 88-99.	1.6	22
4159	Genetic Analysis of Segregation Distortion of SSR Markers in F2 Population of Barley. Journal of Agricultural Science, 2011, 3, .	0.2	7
4160	Efficacy of <i>qFLâ€chr1</i>, a Quantitative Trait Locus for Fiber Length in Cotton (<i>Gossypium hirsutum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 24	1.8	24

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4161	QTL Analysis of Soybean Seed Coat Discoloration Associated with <i>tt</i> Genotype. Crop Science, 2011, 51, 464-469.	1.8	23
4162	Mapping QTL for Agronomic Traits on Wheat Chromosome 3A and a Comparison of Recombinant Inbred Chromosome Line Populations. Crop Science, 2011, 51, 553-566.	1.8	40
4163	Environmental Effects on Soybean with Modified Phosphorus and Sugar Composition. Crop Science, 2011, 51, 642-650.	1.8	27
4164	Linkage and mapping analyses of the no glue egg gene Ng in the silkworm (<i>Bombyx mori</i> L.) using simple sequence repeats (SSR) markers. African Journal of Biotechnology, 2011, 10, 9549-9556.	0.6	3
4165	Molecular mapping of genes for opposite leafing in maize using simple-sequence repeat markers. Genetics and Molecular Research, 2011, 10, 3472-3479.	0.2	3
4166	Identification of a microsatellite marker linked to the fertility-restoring gene for a polima cytoplasmic male-sterile line in <i>Brassica napus</i> L.. African Journal of Biotechnology, 2011, 10, 9563-9569.	0.6	9
4167	O uso da variância como metodologia alternativa para integração de mapas genéticos. Pesquisa Agropecuária Brasileira, 2011, 46, 66-73.	0.9	1
4168	AFLP and SRAP markers linked to the <i>mj</i> gene for root-knot nematode resistance in cucumber. Scientia Agricola, 2011, 68, 115-119.	1.2	17
4169	Mapping QTL Associated with Traits Affecting Grain Yield in Chickpea (<i>Cicer arietinum</i> L.) under Terminal Drought Stress. Crop Science, 2011, 51, 450-463.	1.8	84
4170	AFLP and SSR markers linked to the yellow seed colour gene in <i>Brassica juncea</i> L.. Czech Journal of Genetics and Plant Breeding, 2011, 47, 149-155.	0.8	3
4171	Mapping of QTLs involved in resistance to rice blast (<i>Magnaporthe grisea</i>) using <i>Oryza minuta</i> introgression lines. Czech Journal of Genetics and Plant Breeding, 2011, 47, 85-94.	0.8	25
4172	Triticum aestivum — 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
4173	Evaluation and Mapping of a Leaf Rust Resistance Gene Derived from <i>Hordeum vulgare</i> subsp. spontaneum. Czech Journal of Genetics and Plant Breeding, 2004, 40, 86-90.	0.8	7
4174	Mapping Eight Male-Sterile, Female-Sterile Soybean Mutants. Crop Science, 2011, 51, 231-236.	1.8	8
4175	A Dominant Gene for Resistance to Wheat Streak Mosaic Virus in Winter Wheat Line CO960293. Crop Science, 2011, 51, 5-12.	1.8	53
4176	Genetic Mapping of Quantitative Trait Loci Associated with Important Agronomic Traits in the Spring Wheat (<i>Triticum aestivum</i> L.) Cross 'Louise' — 'Penawawa'. Crop Science, 2011, 51, 84-95.	1.8	26
4177	Joint QTL Linkage Mapping for Multiple-Cross Mating Design Sharing One Common Parent. PLoS ONE, 2011, 6, e17573.	2.5	102
4178	Cloning and Characterization of a Putative TAC1 Ortholog Associated with Leaf Angle in Maize (<i>Zea mays</i>) Tj ETQq1 1 0.784314 rgBT/Overl	2.5	105

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4179	Chromosomes Carrying Meiotic Avoidance Loci in Three Apomictic Eudicot <i>Hieracium</i> Subgenus <i>Pilosella</i> Species Share Structural Features with Two Monocot Apomicts. <i>Plant Physiology</i> , 2011, 157, 1327-1341.	4.8	51
4180	Mapping quantitative trait loci controlling root length in rice seedlings grown with low or sufficient supply using backcross recombinant lines derived from a cross between <i>Oryza sativa</i> L. and <i>Oryza glaberrima</i> Steud.. <i>Soil Science and Plant Nutrition</i> , 2011, 57, 80-92.	1.9	24
4181	Molecular genetic marker-based analysis of species-differentiated phenotypic characters in an interspecific ryegrass mapping population. <i>Crop and Pasture Science</i> , 2011, 62, 892.	1.5	10
4182	Economic Importance, Breeding Objectives and Achievements. , 2011, , 68-155.		15
4183	Integration of the Genetic Map and Genome Assembly of Fugu Facilitates Insights into Distinct Features of Genome Evolution in Teleosts and Mammals. <i>Genome Biology and Evolution</i> , 2011, 3, 424-442.	2.5	137
4184	Molecular Genetic Mapping and Map-based Cloning. , 2011, , 199-224.		0
4185	The Helper Component Proteinase Cistron of <i>Potato virus Y</i> Induces Hypersensitivity and Resistance in Potato Genotypes Carrying Dominant Resistance Genes on Chromosome IV. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 787-797.	2.6	52
4186	Genetic Analysis of the Resistance to Eight Anthracnose Races in the Common Bean Differential Cultivar Kaboon. <i>Phytopathology</i> , 2011, 101, 757-764.	2.2	29
4187	Molecular mapping of quantitative trait loci for drought tolerance in maize plants. <i>Genetics and Molecular Research</i> , 2011, 10, 889-901.	0.2	41
4188	Comparative Linkage Meta-Analysis Reveals Regionally-Distinct, Disparate Genetic Architectures: Application to Bipolar Disorder and Schizophrenia. <i>PLoS ONE</i> , 2011, 6, e19073.	2.5	12
4189	Comparative genome mapping among <i>Populus adenopoda</i> , <i>P. alba</i> , <i>P. deltoides</i> , <i>P. euramericana</i> and <i>P. trichocarpa</i> . <i>Genes and Genetic Systems</i> , 2011, 86, 257-268.	0.7	12
4190	Identification of microsatellite markers linked to quantitative trait loci controlling resistance to Fusarium root rot in field pea. <i>Canadian Journal of Plant Science</i> , 2011, 91, 199-204.	0.9	42
4191	Characterization of Rice Blast Isolates by the Differential System and their Application for Mapping a Resistance Gene, Pi19(t). <i>Journal of Phytopathology</i> , 2011, 159, 85-93.	1.0	17
4192	Inheritance of and Molecular Markers for Susceptibility of <i>Malus domestica</i> to Fruit Ring Rot (<i>Botryosphaeria dothidea</i>). <i>Journal of Phytopathology</i> , 2011, 159, 782-788.	1.0	7
4193	QTL mapping for resistance to strip virus disease in rice. <i>Plant Breeding</i> , 2011, 130, 321-327.	1.9	3
4194	Heading date QTL in rice derived from an analysis of chromosome segment substitution lines. <i>Plant Breeding</i> , 2011, 130, 185-191.	1.9	5
4195	Identification of a quantitative trait locus for resistance to <i>Sitodiplosis mosellana</i> (G��hin), the orange wheat blossom midge, in spring wheat. <i>Plant Breeding</i> , 2011, 130, 25-30.	1.9	16
4196	A linkage map of pak�� Choi (<i>Brassica rapa</i> ssp. <i>chinensis</i>) based on AFLP and SSR markers and identification of AFLP markers for resistance to TuMV. <i>Plant Breeding</i> , 2011, 130, 275-277.	1.9	18

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4197	Identification of microsatellite markers linked to leaf rust adult plant resistance (APR) gene <i>Lr48</i> in wheat. <i>Plant Breeding</i> , 2011, 130, 31-34.	1.9	16
4198	Glucosinolates in the new oilseed crop meadowfoam: natural variation in Section <i>Inflexae</i> of <i>Limnanthes</i> , a new glucosinolate in <i>L. Åfloccosa</i> , and QTL analysis in <i>L. Åalba</i> . <i>Plant Breeding</i> , 2011, 130, 352-359.	1.9	8
4199	A new gene for hybrid sterility from a cross between <i>Oryza sativa</i> and <i>O. Åglaberrima</i> . <i>Plant Breeding</i> , 2011, 130, 165-171.	1.9	12
4200	Recombination frequency variation in maize as revealed by genomewide single-nucleotide polymorphisms. <i>Plant Breeding</i> , 2011, 130, 533-539.	1.9	12
4201	Correlations and QTL detection in maize family <i>per se</i> and testcross progenies for plant height and ear height. <i>Plant Breeding</i> , 2011, 130, 617-624.	1.9	17
4202	Genetic linkage map construction for kenaf using SRAP, ISSR and RAPD markers. <i>Plant Breeding</i> , 2011, 130, 679-687.	1.9	18
4203	QTL mapping of coleorhiza length in maize (<i>Zea mays</i> L.) under two germination environmental conditions. <i>Plant Breeding</i> , 2011, 130, 625-632.	1.9	4
4204	Quantitative trait loci analysis reveals a correlation between the ratio of sucrose/raffinose family oligosaccharides and seed vigour in <i>Medicago truncatula</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 1473-1487.	5.7	89
4205	Autoimmune response and repression of mitotic cell division occur in inter-specific crosses between tetraploid wheat and <i>Aegilops tauschii</i> Coss. that show low temperature-induced hybrid necrosis. <i>Plant Journal</i> , 2011, 68, 114-128.	5.7	46
4206	A defective ABC transporter of the MRP family, responsible for the bean <i>lpa1</i> mutation, affects the regulation of the phytic acid pathway, reduces seed <i>myo</i> -inositol and alters ABA sensitivity. <i>New Phytologist</i> , 2011, 191, 70-83.	7.3	100
4207	Qualitative and quantitative resistances to leaf rust finely mapped within two nucleotide-binding site leucine-rich repeat (NBS-LRR)-rich genomic regions of chromosome 19 in poplar. <i>New Phytologist</i> , 2011, 192, 151-163.	7.3	37
4208	Genetic Analysis of Two Weak Dormancy Mutants Derived from Strong Seed Dormancy Wild Type Rice N22 (<i>Oryza sativa</i>)F. <i>Journal of Integrative Plant Biology</i> , 2011, 53, 338-346.	8.5	7
4209	Characterization and Genetic Analysis of a Light- and Temperature-sensitive Spotted-leaf Mutant in Rice. <i>Journal of Integrative Plant Biology</i> , 2011, 53, 671-681.	8.5	38
4210	ORIGIN AND EVOLUTION OF THE DEPENDENT LINEAGES IN THE GENETIC CASTE DETERMINATION SYSTEM OF POGONOMYRMEX ANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 869-884.	2.3	33
4211	Genetic mapping of adaptive wing size variation in <i>Drosophila simulans</i> . <i>Heredity</i> , 2011, 107, 22-29.	2.6	9
4212	Two putatively homoeologous wheat genes mediate recognition of SnTox3 to confer effector-triggered susceptibility to <i>Stagonospora nodorum</i> . <i>Plant Journal</i> , 2011, 65, 27-38.	5.7	65
4213	Integration of linkage maps for the Amphidiploid <i>Brassica napus</i> and comparative mapping with <i>Arabidopsis</i> and <i>Brassica rapa</i> . <i>BMC Genomics</i> , 2011, 12, 101.	2.8	125
4214	Genetics and mapping of resistance to spore inoculum and culture filtrate of <i>Phaeosphaeria nodorum</i> in spring wheat line ND 735. <i>Crop Protection</i> , 2011, 30, 141-146.	2.1	2

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4215	Identification of quantitative trait loci for protein content, oil content and oil quality for groundnut (<i>Arachis hypogaea</i> L.). <i>Field Crops Research</i> , 2011, 122, 49-59.	5.1	125
4216	A recessive gene controlling male sterility sensitive to short daylength/low temperature in wheat (<i>Triticum aestivum</i> L.). <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 943-950.	2.8	9
4217	Identification and molecular tagging of two <i>Arabidopsis</i> resistance genes to <i>Botrytis cinerea</i> . <i>Frontiers of Agriculture in China</i> , 2011, 5, 430-436.	0.2	1
4218	Wheat kernel dimensions: how do they contribute to kernel weight at an individual QTL level?. <i>Journal of Genetics</i> , 2011, 90, 409-425.	0.7	42
4219	Inheritance of (1 \rightarrow 3)(1 \rightarrow 4)-beta-D-glucan content in barley (<i>Hordeum vulgare</i> L.). <i>Journal of Crop Science and Biotechnology</i> , 2011, 14, 239-245.	1.5	17
4220	Linkage of a RAPD marker with powdery mildew resistance er-1 gene in <i>Pisum sativum</i> L.. <i>Russian Journal of Genetics</i> , 2011, 47, 300-304.	0.6	12
4221	Molecular mapping of quantitative trait loci for domestication traits and β -glucan content in a wheat recombinant inbred line population. <i>Euphytica</i> , 2011, 177, 179-190.	1.2	30
4222	QTL mapping of yield-related traits in the wheat germplasm 3228. <i>Euphytica</i> , 2011, 177, 277-292.	1.2	115
4223	Identification of QTLs for maize seed vigor at three stages of seed maturity using a RIL population. <i>Euphytica</i> , 2011, 178, 127-135.	1.2	12
4224	Quantitative trait loci controlling rice seed germination under salt stress. <i>Euphytica</i> , 2011, 178, 297-307.	1.2	139
4225	Comparative molecular marker-based genetic mapping of flavanone 3-hydroxylase genes in wheat, rye and barley. <i>Euphytica</i> , 2011, 179, 333-341.	1.2	23
4226	Genetic effects of introgression genomic components from Sea Island cotton (<i>Gossypium barbadense</i>) Tj ETQq1 1 0.784314rgBT /Over	1.2	42
4227	Inheritance of somatic embryogenesis using leaf petioles as explants in upland cotton. <i>Euphytica</i> , 2011, 181, 55-63.	1.2	14
4228	Epistasis and complementary gene action adequately account for the genetic bases of transgressive segregation of kilo-grain weight in rice. <i>Euphytica</i> , 2011, 180, 261-271.	1.2	28
4229	A novel blast resistance locus in a rice (<i>Oryza sativa</i> L.) cultivar, Chumroo, of Bhutan. <i>Euphytica</i> , 2011, 180, 273-280.	1.2	6
4230	Powdery mildew resistance gene (Pm-AN) located in a segregation distortion region of melon LGV. <i>Euphytica</i> , 2011, 180, 421-428.	1.2	23
4231	Mapping resistance gene analogs (RGAs) in cultivated tetraploid cotton using RGA-AFLP analysis. <i>Euphytica</i> , 2011, 181, 65.	1.2	13
4232	Identification of common genomic regions controlling resistance to <i>Mycosphaerella pinodes</i> , earliness and architectural traits in different pea genetic backgrounds. <i>Euphytica</i> , 2011, 182, 43-52.	1.2	50

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4233	Characterization of genes Rpp2, Rpp4, and Rpp5 for resistance to soybean rust. <i>Euphytica</i> , 2011, 182, 53.	1.2	58
4234	Identification of quantitative trait loci for cold tolerance during the germination and seedling stages in rice (<i>Oryza sativa</i> L.). <i>Euphytica</i> , 2011, 181, 405.	1.2	42
4235	Identification of genetic factors affecting plant density response through QTL mapping of yield component traits in maize (<i>Zea mays</i> L.). <i>Euphytica</i> , 2011, 182, 409.	1.2	33
4236	QTL mapping of bio-energy related traits in Sorghum. <i>Euphytica</i> , 2011, 182, 431.	1.2	54
4237	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. <i>Genetica</i> , 2011, 139, 1179-1187.	1.1	14
4238	Identification of SCAR marker linking to longer frond length of <i>Saccharina japonica</i> (Laminariales). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 2.8 12</i>	2.8	12
4239	QTL detected for grain-filling rate in maize using a RIL population. <i>Molecular Breeding</i> , 2011, 27, 25-36.	2.1	38
4240	Analysis of alien introgression in coffee tree (<i>Coffea arabica</i> L.). <i>Molecular Breeding</i> , 2011, 27, 223-232.	2.1	18
4241	Genetic linkage maps of white birches (<i>Betula platyphylla</i> Suk. and <i>B. pendula</i> Roth) based on RAPD and AFLP markers. <i>Molecular Breeding</i> , 2011, 27, 347-356.	2.1	16
4242	Inheritance of growth habit detected by genetic linkage analysis using microsatellites in the common bean (<i>Phaseolus vulgaris</i> L.). <i>Molecular Breeding</i> , 2011, 27, 549-560.	2.1	33
4243	Inheritance and development of molecular markers linked to angular leaf spot resistance genes in the common bean accession G10909. <i>Molecular Breeding</i> , 2011, 28, 57-71.	2.1	27
4244	Single nucleotide polymorphism genotyping by heteroduplex analysis in sunflower (<i>Helianthus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 2.1 10</i>	2.1	10
4245	Molecular mapping of adult-plant race-specific leaf rust resistance gene Lr12 in bread wheat. <i>Molecular Breeding</i> , 2011, 28, 137-142.	2.1	44
4246	Mapping of quantitative trait loci for kernel row number in maize across seven environments. <i>Molecular Breeding</i> , 2011, 28, 143-152.	2.1	48
4247	Identification of quantitative trait loci for dry-matter, starch, and β -carotene content in sweetpotato. <i>Molecular Breeding</i> , 2011, 28, 201-216.	2.1	84
4248	Fine mapping of a gene responsible for pollen semi-sterility in hybrids between <i>Oryza sativa</i> L. and <i>O. glaberrima</i> Steud. <i>Molecular Breeding</i> , 2011, 28, 323-334.	2.1	9
4249	Identification of two major QTL for yellow seed color in two crosses of resynthesized <i>Brassica napus</i> line No. 2127-17. <i>Molecular Breeding</i> , 2011, 28, 335-342.	2.1	34
4250	Molecular tagging and candidate gene analysis of the high gamma-tocopherol trait in safflower (<i>Carthamus tinctorius</i> L.). <i>Molecular Breeding</i> , 2011, 28, 367-379.	2.1	16

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4251	Genetic dissection of early-season cold tolerance in sorghum (<i>Sorghum bicolor</i> (L.) Moench). <i>Molecular Breeding</i> , 2011, 28, 391-402.	2.1	79
4252	SSR-based linkage map of flax (<i>Linum usitatissimum</i> L.) and mapping of QTLs underlying fatty acid composition traits. <i>Molecular Breeding</i> , 2011, 28, 437-451.	2.1	103
4253	Saturating the <i>Prunus</i> (stone fruits) genome with candidate genes for fruit quality. <i>Molecular Breeding</i> , 2011, 28, 667-682.	2.1	53
4254	Development of breeder-friendly markers for selection of MIPS1 mutations in soybean. <i>Molecular Breeding</i> , 2011, 28, 127-132.	2.1	27
4255	Performance of the loblolly pine fusiform rust disease resistance gene (Fr1) in a slashXloblolly pine hybrid family. <i>Tree Genetics and Genomes</i> , 2011, 7, 535-540.	1.6	4
4256	Identification of quantitative trait loci associated with self-compatibility in a <i>Prunus</i> species. <i>Tree Genetics and Genomes</i> , 2011, 7, 629-639.	1.6	18
4257	Characterization of retrotransposon sequences expressed in inflorescences of apomictic and sexual <i>Paspalum notatum</i> plants. <i>Sexual Plant Reproduction</i> , 2011, 24, 231-246.	2.2	70
4258	Molecular analysis of an additional case of hybrid sterility in rice (<i>Oryza sativa</i> L.). <i>Planta</i> , 2011, 233, 485-494.	3.2	23
4259	Molecular characterization and genomic mapping of the pathogenesis-related protein 1 (PR-1) gene family in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Molecular Genetics and Genomics</i> , 2011, 285, 485-503.	2.1	66
4260	Relationship between transmission ratio distortion and genetic divergence in intraspecific rice crosses. <i>Molecular Genetics and Genomics</i> , 2011, 286, 307-319.	2.1	26
4261	Mapping QTL for an Adaptive Trait: The Length of Caudal Fin in <i>Lates calcarifer</i> . <i>Marine Biotechnology</i> , 2011, 13, 74-82.	2.4	21
4262	Identification and Mapping of a Novel Hydroxysafflor Yellow A (HSYA) Biosynthetic Gene in <i>Carthamus tinctorius</i> . <i>Biochemical Genetics</i> , 2011, 49, 410-415.	1.7	7
4263	Mapping of the genes for dioecism and monoecism in <i>Spinacia oleracea</i> L.: evidence that both genes are closely linked. <i>Plant Cell Reports</i> , 2011, 30, 965-971.	5.6	41
4264	Genetic and molecular analysis of a purple sheath somaclonal mutant in japonica rice. <i>Plant Cell Reports</i> , 2011, 30, 901-911.	5.6	36
4265	Genetics and mapping of seedling resistance to Ug99 stem rust in Canadian wheat cultivars "Peace" and "AC Cadillac". <i>Theoretical and Applied Genetics</i> , 2011, 122, 143-149.	3.6	85
4266	New slow-rusting leaf rust and stripe rust resistance genes Lr67 and Yr46 in wheat are pleiotropic or closely linked. <i>Theoretical and Applied Genetics</i> , 2011, 122, 239-249.	3.6	224
4267	Genetic mapping of stem rust resistance gene Sr13 in tetraploid wheat (<i>Triticum turgidum</i> ssp. durum) Tj ETQq0 0 0 rgBT /Overlock 10	3.6	65
4268	Mapping 49 quantitative trait loci at high resolution through sequencing-based genotyping of rice recombinant inbred lines. <i>Theoretical and Applied Genetics</i> , 2011, 122, 327-340.	3.6	134

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4269	Fine mapping and candidate gene analysis of ptgms2-1, the photoperiod-thermo-sensitive genic male sterile gene in rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2011, 122, 365-372.	3.6	55
4270	Two complementary recessive genes in duplicated segments control etiolation in rice. Theoretical and Applied Genetics, 2011, 122, 373-383.	3.6	20
4271	Identification, fine mapping and characterisation of a dwarf mutant (bnaC.dwf) in <i>Brassica napus</i> . Theoretical and Applied Genetics, 2011, 122, 421-428.	3.6	33
4272	Direct determination of the chromosomal location of bunching onion and bulb onion markers using bunching onion's shallot monosomic additions and allotriploid-bunching onion single alien deletions. Theoretical and Applied Genetics, 2011, 122, 501-510.	3.6	16
4273	QTL analyses for seed iron and zinc concentrations in an intra-genepool population of Andean common beans (<i>Phaseolus vulgaris</i> L.). Theoretical and Applied Genetics, 2011, 122, 511-521.	3.6	102
4274	Identification of QTLs for morphological traits influencing waterlogging tolerance in perennial ryegrass (<i>Lolium perenne</i> L.). Theoretical and Applied Genetics, 2011, 122, 609-622.	3.6	27
4275	The genetic control of tolerance to aluminum toxicity in the 'Essex' by 'Forrest' recombinant inbred line population. Theoretical and Applied Genetics, 2011, 122, 687-694.	3.6	23
4276	Fine genetic mapping of the genomic region controlling leaflet shape and number of seeds per pod in the soybean. Theoretical and Applied Genetics, 2011, 122, 865-874.	3.6	52
4277	Glycine max non-nodulation locus rj1: a recombinogenic region encompassing a SNP in a lysine motif receptor-like kinase (GmNFR1 \pm). Theoretical and Applied Genetics, 2011, 122, 875-884.	3.6	7
4278	Identification of several small main-effect QTLs and a large number of epistatic QTLs for drought tolerance related traits in groundnut (<i>Arachis hypogaea</i> L.). Theoretical and Applied Genetics, 2011, 122, 1119-1132.	3.6	188
4279	Uncovering of major genetic factors generating naturally occurring variation in heading date among Asian rice cultivars. Theoretical and Applied Genetics, 2011, 122, 1199-1210.	3.6	65
4280	Molecular basis of seed lipoxygenase null traits in soybean line OX948. Theoretical and Applied Genetics, 2011, 122, 1247-1264.	3.6	16
4281	QTL analysis for yield components and kernel-related traits in maize across multi-environments. Theoretical and Applied Genetics, 2011, 122, 1305-1320.	3.6	143
4282	Fine mapping and candidate gene analysis of dense and erect panicle 3, DEP3, which confers high grain yield in rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2011, 122, 1439-1449.	3.6	112
4283	High-resolution genetic mapping and candidate gene identification of the SLP1 locus that controls glume development in rice. Theoretical and Applied Genetics, 2011, 122, 1489-1496.	3.6	14
4284	Conditional QTL mapping for plant height with respect to the length of the spike and internode in two mapping populations of wheat. Theoretical and Applied Genetics, 2011, 122, 1517-1536.	3.6	149
4285	Development and use of genic molecular markers (GMMs) for construction of a transcript map of chickpea (<i>Cicer arietinum</i> L.). Theoretical and Applied Genetics, 2011, 122, 1577-1589.	3.6	120
4286	Fine mapping of qSTV11 KAS , a major QTL for rice stripe disease resistance. Theoretical and Applied Genetics, 2011, 122, 1591-1604.	3.6	61

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4287	Positional cloning of <i>ds1</i> , the target leaf spot resistance gene against <i>Bipolaris sorghicola</i> in sorghum. <i>Theoretical and Applied Genetics</i> , 2011, 123, 131-142.	3.6	32
4288	New consistent QTL in pea associated with partial resistance to <i>Aphanomyces euteiches</i> in multiple French and American environments. <i>Theoretical and Applied Genetics</i> , 2011, 123, 261-281.	3.6	88
4289	Molecular mapping of the rust resistance gene <i>R 4</i> to a large NBS-LRR cluster on linkage group 13 of sunflower. <i>Theoretical and Applied Genetics</i> , 2011, 123, 351-358.	3.6	36
4290	Genetics and molecular mapping of genes for high-temperature resistance to stripe rust in wheat cultivar Xiaoyan 54. <i>Theoretical and Applied Genetics</i> , 2011, 123, 431-438.	3.6	37
4291	Fine-mapping of the woolly gene controlling multicellular trichome formation and embryonic development in tomato. <i>Theoretical and Applied Genetics</i> , 2011, 123, 625-633.	3.6	26
4292	Comparisons of four approximation algorithms for large-scale linkage map construction. <i>Theoretical and Applied Genetics</i> , 2011, 123, 649-655.	3.6	7
4293	Characterization of <i>fs10.1</i> , a major QTL controlling fruit elongation in <i>Capsicum</i> . <i>Theoretical and Applied Genetics</i> , 2011, 123, 657-665.	3.6	53
4294	Analysis of genetic structure in a panel of elite wheat varieties and relevance for association mapping. <i>Theoretical and Applied Genetics</i> , 2011, 123, 715-727.	3.6	33
4295	Quantitative trait loci and underlying candidate genes controlling agronomical and fruit quality traits in octoploid strawberry (<i>Fragaria</i> × <i>Ananassa</i>). <i>Theoretical and Applied Genetics</i> , 2011, 123, 755-778.	3.6	106
4296	A molecular map of the apomixis-control locus in <i>Paspalum procurrens</i> and its comparative analysis with other species of <i>Paspalum</i> . <i>Theoretical and Applied Genetics</i> , 2011, 123, 959-971.	3.6	43
4297	Identification and mapping of a new powdery mildew resistance gene on chromosome 6D of common wheat. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1099-1106.	3.6	82
4298	Identification and molecular mapping of two QTLs with major effects for resistance to <i>Fusarium</i> head blight in wheat. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1107-1119.	3.6	65
4299	Genetic interactions involved in the inhibition of heading by heading date QTL, <i>Hd2</i> in rice under long-day conditions. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1133-1143.	3.6	52
4300	Microsatellite mapping of <i>Ae. speltoides</i> and map-based comparative analysis of the S, G, and B genomes of <i>Triticeae</i> species. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1145-1157.	3.6	22
4301	Nucleotide diversity of a genomic sequence similar to SHATTERPROOF (<i>PvSHP1</i>) in domesticated and wild common bean (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2011, 123, 1341-1357.	3.6	44
4302	Comparative linkage mapping in the white button mushroom <i>Agaricus bisporus</i> provides foundation for breeding management. <i>Current Genetics</i> , 2011, 57, 39-50.	1.7	23
4303	Validation of SSR markers linked to null kunitz trypsin inhibitor allele in Indian soybean [<i>Glycine max</i> (L.) Merr.] population. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2011, 20, 258-261.	1.7	15
4304	QTL mapping for test weight by using F 2:3 population in maize. <i>Journal of Genetics</i> , 2011, 90, 75-80.	0.7	20

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4306	The first genetic map of pigeon pea based on diversity arrays technology (DArT) markers. Journal of Genetics, 2011, 90, 103-109.	0.7	61
4307	Fine Mapping of qHD8-1, a QTL Controlling the Heading Date, to a 26-kb DNA Fragment in Rice (<i>Oryza</i>) Tj ETQq0 0.0 rgBT /Overlock 10	2.1	0
4308	Genetic mapping of novel symptom in response to soybean bacterial leaf pustule in PI 96188. Journal of Crop Science and Biotechnology, 2011, 14, 119-123.	1.5	12
4309	Fine mapping and candidate gene analysis of the dwarf gene d162(t) in rice (<i>Oryza sativa</i> L.). Genes and Genomics, 2011, 33, 25-30.	1.4	4
4310	Genomic architecture of alpha-amylase activity in mature rye grain relative to that of preharvest sprouting. Journal of Applied Genetics, 2011, 52, 153-160.	1.9	11
4311	Validation and identification of molecular markers linked to the leaf rust resistance gene Lr28 in wheat. Journal of Applied Genetics, 2011, 52, 171-175.	1.9	24
4312	A new QTL for resistance to Fusarium ear rot in maize. Journal of Applied Genetics, 2011, 52, 403-406.	1.9	37
4313	Genetic analysis and fine mapping of an enclosed panicle mutant esp2 in rice (<i>Oryza sativa</i> L.). Science Bulletin, 2011, 56, 1476-1480.	1.7	12
4314	QTLs mapping of morphological traits related to salt tolerance in <i>Medicago truncatula</i> . Acta Physiologiae Plantarum, 2011, 33, 917-926.	2.1	23
4315	Analysis of BAC-end sequences (BESs) and development of BES-SSR markers for genetic mapping and hybrid purity assessment in pigeonpea (<i>Cajanus</i> spp.). BMC Plant Biology, 2011, 11, 56.	3.6	121
4316	Eucalypt pulp yield QTL from Raiz as compared to the literature. BMC Proceedings, 2011, 5, .	1.6	0
4317	A second-generation anchored genetic linkage map of the tammar wallaby (<i>Macropus eugenii</i>). BMC Genetics, 2011, 12, 72.	2.7	15
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4319	QTL underlying resistance to two HG types of <i>Heterodera glycines</i> found in soybean cultivar 'L-10'. BMC Genomics, 2011, 12, 233.	2.8	22
4320	Comprehensive genetic dissection of wood properties in a widely-grown tropical tree: <i>Eucalyptus</i> . BMC Genomics, 2011, 12, 301.	2.8	48
4321	Microsatellite isolation and marker development in carrot - genomic distribution, linkage mapping, genetic diversity analysis and marker transferability across Apiaceae. BMC Genomics, 2011, 12, 386.	2.8	90
4322	A second generation genetic map of the bumblebee <i>Bombus terrestris</i> (Linnaeus, 1758) reveals slow genome and chromosome evolution in the Apidae. BMC Genomics, 2011, 12, 48.	2.8	57

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4324	Forward Genetic Approaches to Understanding Complex Behaviors. Current Topics in Behavioral Neurosciences, 2011, 12, 25-58.	1.7	9
4325	Genetic Background and Allorecognition Phenotype in <i>Hydractinia symbiolongicarpus</i> . G3: Genes, Genomes, Genetics, 2011, 1, 499-504.	1.8	11
4326	Long terminal repeat retrotransposon <i>Jeli</i> provides multiple genetic markers for common wheat (<i>Triticum aestivum</i>). Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 163-165.	0.8	4
4327	Molecular Mapping of 2 Environmentally Sensitive Male-Sterile Mutants in Soybean. Journal of Heredity, 2011, 102, 11-16.	2.4	31
4328	Inheritance and development of EST-SSR marker associated with turnip mosaic virus resistance in Chinese cabbage. Canadian Journal of Plant Science, 2011, 91, 707-715.	0.9	4
4329	Nonsense Mutation of an MYB Transcription Factor Is Associated with Purple-Blue Flower Color in Soybean. Journal of Heredity, 2011, 102, 458-463.	2.4	33
4330	Inheritance of bacterial blight resistance in the rice cultivar Ajaya and high-resolution mapping of a major QTL associated with resistance. Genetical Research, 2011, 93, 397-408.	0.9	8
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4332	Defining the Genetic Architecture Underlying Female- and Male-Mediated Nonrandom Mating and Seed Yield Traits in Arabidopsis. Plant Physiology, 2011, 157, 1956-1964.	4.8	12
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4334	Multiple Loci Condition Seed Transmission of <i>Soybean mosaic virus</i> (SMV) and SMV-Induced Seed Coat Mottling in Soybean. Phytopathology, 2011, 101, 750-756.	2.2	42
4335	High resolution linkage maps of the model organism <i>Petunia</i> reveal substantial synteny decay with the related genome of tomato. Genome, 2011, 54, 327-340.	2.0	34
4336	Identification and characterization of genomic regions on chromosomes 4 and 8 that control the rate of photosynthesis in rice leaves. Journal of Experimental Botany, 2011, 62, 1927-1938.	4.8	53
4337	Identification and Precise Mapping of Resistant QTLs of <i>Cercospora</i> Leaf Spot Resistance in Sugar Beet (<i>Beta vulgaris</i> L.). G3: Genes, Genomes, Genetics, 2011, 1, 283-291.	1.8	24
4338	Saturation of an Intra-Gene Pool Linkage Map: Towards a Unified Consensus Linkage Map for Fine Mapping and Synteny Analysis in Common Bean. PLoS ONE, 2011, 6, e28135.	2.5	61
4339	Variation in domesticated rice inflorescence architecture revealed by principal component analysis and quantitative trait locus analysis. Breeding Science, 2011, 61, 52-60.	1.9	5
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4342	Genetic Mapping of Fall Armyworm Resistance in Zoysiagrass. <i>Crop Science</i> , 2011, 51, 1774-1783.	1.8	11
4343	Genetic mapping of natural variation in a shade avoidance response: ELF3 is the candidate gene for a QTL in hypocotyl growth regulation. <i>Journal of Experimental Botany</i> , 2011, 62, 167-176.	4.8	40
4344	Detection of a QTL for accumulating Cd in rice that enables efficient Cd phytoextraction from soil. <i>Breeding Science</i> , 2011, 61, 43-51.	1.9	45
4345	Fluorescence <i>In Situ</i> Hybridization-Based Karyotyping of Soybean Translocation Lines. G3: Genes, Genomes, Genetics, 2011, 1, 117-129.	1.8	13
4346	Analysis of QTL for lowering cadmium concentration in rice grains from 'LAC23'. <i>Breeding Science</i> , 2011, 61, 196-200.	1.9	20
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4348	Allelic Variants at the <i>TaZds-D1</i> Locus on Wheat Chromosome 2DL and their Association with Yellow Pigment Content. <i>Crop Science</i> , 2011, 51, 1580-1590.	1.8	41
4349	Genetic Characterization and Molecular Mapping <i>Pse-2</i> Gene for Resistance to Halo Blight in Common Bean. <i>Crop Science</i> , 2011, 51, 2439-2448.	1.8	22
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4352	Genetic analysis and fine mapping of <i>LH1</i> and <i>LH2</i> , a set of complementary genes controlling late heading in rice (<i>Oryza sativa</i> L.). <i>Breeding Science</i> , 2012, 62, 310-319.	1.9	9
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4355	<i>SmartGrain</i> : High-Throughput Phenotyping Software for Measuring Seed Shape through Image Analysis. <i>Plant Physiology</i> , 2012, 160, 1871-1880.	4.8	325
4356	Validation of QTL for Grain Yield-Related Traits on Wheat Chromosome 3A Using Recombinant Inbred Chromosome Lines. <i>Crop Science</i> , 2012, 52, 1622-1632.	1.8	39
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4360	Molecular Characterization of Resistance to Fusarium Head Blight in U.S. Soft Red Winter Wheat Breeding Line VA00Wâ€³8. Crop Science, 2012, 52, 2283-2292.	1.8	35
4361	Genetic Architecture of Seed Dormancy in U.S. Weedy Rice in Different Genetic Backgrounds. Crop Science, 2012, 52, 2564-2575.	1.8	28
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4363	Two novel QTLs regulate internode elongation in deepwater rice during the early vegetative stage. Breeding Science, 2012, 62, 178-185.	1.9	38
4364	Mapping of QTLs underlying flowering time in sorghum [<i>Sorghum bicolor</i>] (L.) Moench]. Breeding Science, 2012, 62, 151-159.	1.9	11
4365	Evaluation of the effects of five QTL regions on <i>Fusarium</i> head blight resistance and agronomic traits in spring wheat (<i>Triticum aestivum</i>) (L.). Breeding Science, 2012, 62, 11-17.	1.9	50
4366	Genetic analysis of antixenosis resistance to the common cutworm (<i>Spodoptera litura</i> Fabricius) and its relationship with pubescence characteristics in soybean (<i>Glycine max</i> (L.) Merr.). Breeding Science, 2012, 61, 608-617.	1.9	36
4367	A SHORT INTERNODES (SHI) family transcription factor gene regulates awn elongation and pistil morphology in barley. Journal of Experimental Botany, 2012, 63, 5223-5232.	4.8	86
4368	Two distinct genomic regions, harbouring the period and fruitless genes, affect male courtship song in <i>Drosophila montana</i> . Heredity, 2012, 108, 602-608.	2.6	9
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4370	Relationship between asparagine metabolism and protein concentration in soybean seed. Journal of Experimental Botany, 2012, 63, 3173-3184.	4.8	64
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4373	QTL analysis of resistance to Mal de R�o Cuarto disease in maize using recombinant inbred lines. Journal of Agricultural Science, 2012, 150, 619-629.	1.3	22
4374	Multi-Trait and Multi-Environment QTL Analyses for Resistance to Wheat Diseases. PLoS ONE, 2012, 7, e38008.	2.5	35
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4376	Efficacy of Microarray Profiling Data Combined with QTL Mapping for the Identification of a QTL Gene Controlling the Initial Growth Rate in Rice. Plant and Cell Physiology, 2012, 53, 729-739.	3.1	46

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4379	Identification of Candidate Genes Underlying an Iron Efficiency Quantitative Trait Locus in Soybean. Plant Physiology, 2012, 158, 1745-1754.	4.8	60
4380	Molecular mapping of the downy mildew resistance gene <i>Ppa3</i> in cauliflower (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 137-143.	1.9	19
4381	Identification of Quantitative Trait Loci for Lipid Metabolism in Rice Seeds. Molecular Plant, 2012, 5, 865-875.	8.3	50
4382	Linkage map construction and QTL analysis for <i>Betula platyphylla</i> Suk using RAPD, AFLP, ISSR and SSR. Silvae Genetica, 2012, 61, 1-9.	0.8	3
4383	Identification of QTLs for Yield and Drought-Related Traits in Maize: Assessment of Their Causal Relationships. Biotechnology and Biotechnological Equipment, 2012, 26, 2952-2960.	1.3	14
4384	Genetic Analysis of Vertebral Regionalization and Number in Medaka (<i>Oryzias latipes</i>) Inbred Lines. G3: Genes, Genomes, Genetics, 2012, 2, 1317-1323.	1.8	16
4385	Registration of "Becker"/"Massey" Wheat Recombinant Inbred Line Mapping Population. Journal of Plant Registrations, 2012, 6, 358-362.	0.5	2
4386	Cloning and characterization of the calreticulin gene in Asian seabass (<i>Lates calcarifer</i>). Animal, 2012, 6, 887-893.	3.3	18
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4389	A wheat homologue of <i>PHYTOCLOCK 1</i> is a candidate gene conferring the early heading phenotype to einkorn wheat. Genes and Genetic Systems, 2012, 87, 357-367.	0.7	55
4390	Identification and Fine-Mapping of <i>Xa33</i> , a Novel Gene for Resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . Phytopathology, 2012, 102, 222-228.	2.2	80
4391	Novel Septoria Speckled Leaf Blotch Resistance Loci in a Barley Doubled-Haploid Population. Phytopathology, 2012, 102, 683-691.	2.2	5
4392	Application of real-time PCR-based SNP detection for mapping of <i>Net2</i> , a causal D-genome gene for hybrid necrosis in interspecific crosses between tetraploid wheat and <i>Aegilops tauschii</i> . Genes and Genetic Systems, 2012, 87, 137-143.	0.7	15
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4396	QTL mapping for stay-green in maize (<i>Zea mays</i>). <i>Canadian Journal of Plant Science</i> , 2012, 92, 249-256.	0.9	41
4397	OsGA20ox1, a candidate gene for a major QTL controlling seedling vigor in rice. <i>Theoretical and Applied Genetics</i> , 2012, 125, 647-657.	3.6	79
4398	QTL analysis of soybean seed weight across multi-genetic backgrounds and environments. <i>Theoretical and Applied Genetics</i> , 2012, 125, 671-683.	3.6	108
4399	Fine mapping and candidate gene analysis of the nuclear restorer gene Rfp for pol CMS in rapeseed (<i>Brassica napus</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 773-779.	3.6	35
4400	Identification of QTLs with main, epistatic and QTL×Environment interaction effects for salt tolerance in rice seedlings under different salinity conditions. <i>Theoretical and Applied Genetics</i> , 2012, 125, 807-815.	3.6	122
4401	Inheritance of resistance to Ug99 stem rust in wheat cultivar Norin 40 and genetic mapping of Sr42. <i>Theoretical and Applied Genetics</i> , 2012, 125, 817-824.	3.6	46
4402	Genetic components and major QTL confer resistance to bean pyralid (<i>Lamprosema indicata</i> Fabricius) under multiple environments in four RIL populations of soybean. <i>Theoretical and Applied Genetics</i> , 2012, 125, 859-875.	3.6	34
4403	Genetics and mapping of the R 11 gene conferring resistance to recently emerged rust races, tightly linked to male fertility restoration, in sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 921-932.	3.6	58
4404	Durable resistance to stripe rust is due to three specific resistance genes in French bread wheat cultivar Apache. <i>Theoretical and Applied Genetics</i> , 2012, 125, 955-965.	3.6	24
4405	Use of the advanced backcross-QTL method to transfer seed mineral accumulation nutrition traits from wild to Andean cultivated common beans. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1015-1031.	3.6	77
4406	Comparative genomics to bridge <i>Vicia faba</i> with model and closely-related legume species: stability of QTLs for flowering and yield-related traits. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1767-1782.	3.6	69
4407	SNP Marker Integration and QTL Analysis of 12 Agronomic and Morphological Traits in F8RILs of Pepper (<i>Capsicum annuum</i> L.). <i>Molecules and Cells</i> , 2012, 34, 25-34.	2.6	31
4408	Identification of quantitative trait loci involved in resistance to <i>Pseudomonas syringae</i> pv. <i>syringae</i> in pea (<i>Pisum sativum</i> L.). <i>Euphytica</i> , 2012, 186, 805-812.	1.2	23
4409	Mapping quantitative trait loci for cottonseed oil, protein and gossypol content in a <i>Gossypium hirsutum</i> × <i>Gossypium barbadense</i> backcross inbred line population. <i>Euphytica</i> , 2012, 187, 191-201.	1.2	75
4410	Development of a coupling-phase SCAR marker linked to the powdery mildew resistance gene <i>Er1</i> ™ in pea (<i>Pisum sativum</i> L.). <i>Euphytica</i> , 2012, 186, 855-866.	1.2	39
4411	Mapping of a gene that confers short lateral branching (slb) in melon (<i>Cucumis melo</i> L.). <i>Euphytica</i> , 2012, 187, 133-143.	1.2	19
4412	Bayesian mapping of quantitative trait loci (QTL) controlling soybean cyst nematode resistant. <i>Euphytica</i> , 2012, 186, 907-917.	1.2	21

#	ARTICLE	IF	CITATIONS
4413	Mapping and marker-assisted breeding of a gene allelic to the major Asian rice gall midge resistance gene Gm8. <i>Euphytica</i> , 2012, 187, 393-400.	1.2	21
4414	Quantitative trait locus analysis for days-to-heading and morphological traits in an RIL population derived from an extremely late flowering F1 hybrid of sorghum. <i>Euphytica</i> , 2012, 187, 411-420.	1.2	35
4415	Selective genotyping to identify late blight resistance genes in an accession of the tomato wild species <i>Solanum pimpinellifolium</i> . <i>Euphytica</i> , 2012, 187, 63-75.	1.2	49
4416	Characterization and molecular mapping of RsrR, a resistant gene to maize head smut. <i>Euphytica</i> , 2012, 187, 303-311.	1.2	7
4417	QTL mapping and epistasis analysis of brace root traits in maize. <i>Molecular Breeding</i> , 2012, 30, 697-708.	2.1	41
4418	Quantitative trait locus analysis and construction of consensus genetic map for drought tolerance traits based on three recombinant inbred line populations in cultivated groundnut (<i>Arachis hypogaea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10.5f 50 49	2.1	66
4419	Quantitative trait locus analysis and construction of consensus genetic map for foliar disease resistance based on two recombinant inbred line populations in cultivated groundnut (<i>Arachis</i>) Tj ETQq0 0 0 rgBT /Overlock 10.5f 50 49	2.1	66
4420	A quantitative trait locus involved in maize yield is tightly associated to the r1 gene on the long arm of chromosome 10. <i>Molecular Breeding</i> , 2012, 30, 799-807.	2.1	4
4421	MapDisto: fast and efficient computation of genetic linkage maps. <i>Molecular Breeding</i> , 2012, 30, 1231-1235.	2.1	308
4422	Molecular validation of a multiple-allele recessive genic male sterility locus (BnRf) in <i>Brassica napus</i> L.. <i>Molecular Breeding</i> , 2012, 30, 1193-1205.	2.1	10
4423	Inheritance of seed phytate and phosphorus levels in common bean (<i>Phaseolus vulgaris</i> L.) and association with newly-mapped candidate genes. <i>Molecular Breeding</i> , 2012, 30, 1265-1277.	2.1	36
4424	Mapping of major and modifying genes for high oleic acid content in safflower. <i>Molecular Breeding</i> , 2012, 30, 1279-1293.	2.1	31
4425	Detection and fine mapping of two quantitative trait loci for partial resistance to stripe virus in rice (<i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2012, 30, 1379-1391.	2.1	3
4426	QTL mapping of resistance to race Ug99 of <i>Puccinia graminis</i> f. sp. <i>tritici</i> in durum wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10.5f 50 49	2.1	66
4427	Introgression of <i>Brassica rapa</i> subsp. <i>sylvestris</i> blackleg resistance into <i>B. napus</i> . <i>Molecular Breeding</i> , 2012, 30, 1495-1506.	2.1	41
4428	Detection and verification of quantitative trait loci for resistance to <i>Fusarium</i> ear rot in maize. <i>Molecular Breeding</i> , 2012, 30, 1649-1656.	2.1	59
4429	QTL analysis for pseudostem pungency in bunching onion (<i>Allium fistulosum</i>). <i>Molecular Breeding</i> , 2012, 30, 1689-1698.	2.1	7
4430	QTLs for hybrid fertility and their association with female and male sterility in rice. <i>Genes and Genomics</i> , 2012, 34, 355-365.	1.4	8

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4431	Characterization and Fine Mapping of a Novel Rice Albino Mutant low temperature albino 1. Journal of Genetics and Genomics, 2012, 39, 385-396.	3.9	32
4432	Fine mapping of the yellow seed locus in <i>Brassica juncea</i> L. Genome, 2012, 55, 8-14.	2.0	11
4433	Whole-Genome QTL Analysis of Stagonospora nodorum Blotch Resistance and Validation of the SnTox4-Snn4 Interaction in Hexaploid Wheat. Phytopathology, 2012, 102, 94-104.	2.2	22
4434	Integrated multiple population analysis of leaf architecture traits in maize (Zea mays L.). Journal of Experimental Botany, 2012, 63, 261-274.	4.8	73
4435	Segregation distortion in a region containing a male-sterility, female-sterility locus in soybean. Plant Science, 2012, 195, 151-156.	3.6	25
4436	Molecular Mapping of the Blast Resistance Genes <i>Pi2-1</i> and <i>Pi51(t)</i> in the Durably Resistant Rice ‘Tianjingyeshengdao’™. Phytopathology, 2012, 102, 779-786.	2.2	33
4437	<i>TaCKX6-D1</i> , the ortholog of rice <i>OsCKX2</i> , is associated with grain weight in hexaploid wheat. New Phytologist, 2012, 195, 574-584.	7.3	219
4438	Detection of QTLs with main, epistatic and QTL×environment interaction effects for rice grain appearance quality traits using two populations of backcross inbred lines (BILs). Field Crops Research, 2012, 135, 97-106.	5.1	12
4439	Three-point appraisal of genetic linkage maps. Theoretical and Applied Genetics, 2012, 125, 1393-1402.	3.6	1
4440	A novel linkage map of sugarcane with evidence for clustering of retrotransposon-based markers. BMC Genetics, 2012, 13, 51.	2.7	34
4441	QTL analysis of novel genomic regions associated with yield and yield related traits in new plant type based recombinant inbred lines of rice (Oryza sativa L.). BMC Plant Biology, 2012, 12, 137.	3.6	74
4442	Genetic basis of unstable expression of high gamma-tocopherol content in sunflower seeds. BMC Plant Biology, 2012, 12, 71.	3.6	16
4443	QTL mapping reveals the genetic architecture of loci affecting pre- and post-zygotic isolating barriers in Louisiana Iris. BMC Plant Biology, 2012, 12, 91.	3.6	8
4444	Mapping and characterization of quantitative trait loci for mesocotyl elongation in rice (Oryza sativa) Tj ETQq1 1 0.784314 rgBT /Overlo	4.0	90
4445	A WUSCHEL-like homeobox gene, OsWOX3B responses to NUDA/GL-1 locus in rice. Rice, 2012, 5, 30.	4.0	40
4446	Use of Tyramide-Fluorescence in situ Hybridization and Chromosome Microdissection for Ascertaining Homology Relationships and Chromosome Linkage Group Associations in Oats. Cytogenetic and Genome Research, 2012, 136, 145-156.	1.1	9
4447	Foliar nutrition in apple production. African Journal of Biotechnology, 2012, 11, .	0.6	1
4448	Genetic linkage mapping in fungi: current state, applications, and future trends. Applied Microbiology and Biotechnology, 2012, 95, 891-904.	3.6	47

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4449	A Modified Method for the Development of SSR Molecular Markers Based on Redundant EST Data and Its Application in Soybean. <i>Journal of Integrative Agriculture</i> , 2012, 11, 545-555.	3.5	2
4450	Identification of a Resistance Gene bls1 to Bacterial Leaf Streak in Wild Rice <i>Oryza rufipogon</i> Griff.. <i>Journal of Integrative Agriculture</i> , 2012, 11, 962-969.	3.5	31
4451	Allelic Variation at the TaZds-A1 Locus on Wheat Chromosome 2A and Development of a Functional Marker in Common Wheat. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1067-1074.	3.5	27
4452	Identification of Molecular Markers for a Aphid Resistance Gene in Sorghum and Selective Efficiency Using These Markers. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1086-1092.	3.5	8
4453	Identification and Gene Mapping of a multi-floret spikelet 1 (mfs1) Mutant Associated with Spikelet Development in Rice. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1574-1579.	3.5	4
4454	Genetic Analysis and Mapping of an Enclosed Panicle Mutant Locus esp1 in Rice (<i>Oryza sativa</i> L.). <i>Journal of Integrative Agriculture</i> , 2012, 11, 1933-1939.	3.5	12
4455	Identification of QTLs Associated with Total Soyasaponin Content in Soybean (<i>Glycine max</i> (L.) Merr.). <i>Journal of Integrative Agriculture</i> , 2012, 11, 1976-1984.	3.5	3
4456	Mapping QTLs and candidate genes for iron and zinc concentrations in unpolished rice of MadhukarA—Swarna RILs. <i>Gene</i> , 2012, 508, 233-240.	2.2	187
4457	Marker-Assisted Selection in Plant Breeding for Salinity Tolerance. , 2012, 913, 305-333.		23
4458	Mapping QTLs for Plant Phenology and Production Traits Using Indica Rice (<i>Oryza sativa</i> L.) Lines Adapted to Rainfed Environment. <i>Molecular Biotechnology</i> , 2012, 52, 151-160.	2.4	38
4459	Introgression of a leaf rust resistance gene from <i>Aegilops caudata</i> to bread wheat. <i>Journal of Genetics</i> , 2012, 91, 155-161.	0.7	46
4460	Conditional QTL mapping of protein content in wheat with respect to grain yield and its components. <i>Journal of Genetics</i> , 2012, 91, 303-312.	0.7	59
4461	Genetic interaction and mapping studies on the leaflet development (lld) mutant in <i>Pisum sativum</i> . <i>Journal of Genetics</i> , 2012, 91, 325-342.	0.7	3
4463	Developing tools for investigating the multiple roles of ethylene: identification and mapping genes for ethylene biosynthesis and reception in barley. <i>Molecular Genetics and Genomics</i> , 2012, 287, 793-802.	2.1	10
4464	Analysis of Quantitative Trait Loci for Resistance to Brown Planthopper in Dongxiang Wild Rice (<i>Oryza rufipogon</i> Griff.). <i>Acta Agronomica Sinica</i> , 2012, 38, 210-214.	0.3	7
4465	Plant Salt Tolerance. <i>Methods in Molecular Biology</i> , 2012, , .	0.9	9
4466	Genetic mapping and coccidial parasites: Past achievements and future prospects. <i>Journal of Biosciences</i> , 2012, 37, 879-886.	1.1	10
4467	The simulation of meiosis in diploid and tetraploid organisms using various genetic models. <i>BMC Bioinformatics</i> , 2012, 13, 248.	2.6	76

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4468	Inferring haplotypes and parental genotypes in larger full sib-ships and other pedigrees with missing or erroneous genotype data. BMC Genetics, 2012, 13, 85.	2.7	9
4469	Comparative mapping in intraspecific populations uncovers a high degree of macrosynteny between A- and B-genome diploid species of peanut. BMC Genomics, 2012, 13, 608.	2.8	40
4470	Genetic Architecture of Local Adaptation in Lunar and Diurnal Emergence Times of the Marine Midge <i>Clunio marinus</i> (Chironomidae, Diptera). PLoS ONE, 2012, 7, e32092.	2.5	34
4471	Natural Variation in the VELVET Gene <i>bcvel1</i> Affects Virulence and Light-Dependent Differentiation in <i>Botrytis cinerea</i> . PLoS ONE, 2012, 7, e47840.	2.5	89
4472	A Dominant Gene for Male Sterility in <i>Salvia miltiorrhiza</i> Bunge. PLoS ONE, 2012, 7, e50903.	2.5	10
4473	QTL analysis of percentage of grains with chalkiness in Japonica rice (<i>Oryza sativa</i>). Genetics and Molecular Research, 2012, 11, 717-724.	0.2	25
4474	Progression of DNA Marker and the Next Generation of Crop Development. , 0, , .		1
4475	DNA-markers for resistance to common bunt transferred from <i>Aegilops cylindrica</i> Host. to hexaploid wheat. Czech Journal of Genetics and Plant Breeding, 2006, 42, 62-65.	0.8	8
4476	High segregation distortion in maize B73 x teosinte crosses. Genetics and Molecular Research, 2012, 11, 693-706.	0.2	25
4477	Mapping of <i>HtNB</i> , a gene conferring non-lesion resistance before heading to <i>Exserohilum turcicum</i> (Pass.), in a maize inbred line derived from the Indonesian variety Bramadi. Genetics and Molecular Research, 2012, 11, 2523-2533.	0.2	17
4478	Parallel domestication of the <i>Shattering1</i> genes in cereals. Nature Genetics, 2012, 44, 720-724.	21.4	401
4479	Molecular mapping of the PI 16 downy mildew resistance gene from HA-R4 to facilitate marker-assisted selection in sunflower. Theoretical and Applied Genetics, 2012, 125, 121-131.	3.6	42
4480	Chromosome location, DNA markers and rust resistance of the sunflower gene R 5. Molecular Breeding, 2012, 30, 745-756.	2.1	22
4481	Chromosomes 3B and 4D are associated with several milling and baking quality traits in a soft white spring wheat (<i>Triticum aestivum</i> L.) population. Theoretical and Applied Genetics, 2012, 124, 1079-1096.	3.6	68
4482	Detection of favorable alleles for plant height and crown rust tolerance in three connected populations of perennial ryegrass (<i>Lolium perenne</i> L.). Theoretical and Applied Genetics, 2012, 124, 1139-1153.	3.6	41
4483	Genetic analysis of leaf rust resistance genes and associated markers in the durable resistant wheat cultivar Sinvalocho MA. Theoretical and Applied Genetics, 2012, 124, 1305-1314.	3.6	16
4484	SSR-based genetic maps of <i>Miscanthus sinensis</i> and <i>M. sacchariflorus</i> , and their comparison to sorghum. Theoretical and Applied Genetics, 2012, 124, 1325-1338.	3.6	57
4485	Development of selective markers linked to a major QTL for parthenocarpy in eggplant (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overload	3.6	51

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4486	Inheritance and genetic mapping of two nuclear genes involved in nuclear-cytoplasmic incompatibility in peas (<i>Pisum sativum</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 124, 1503-1512.	3.6	25
4487	Development of gene-based markers and construction of an integrated linkage map in eggplant by using <i>Solanum</i> orthologous (SOL) gene sets. <i>Theoretical and Applied Genetics</i> , 2012, 125, 47-56.	3.6	61
4488	Quantitative trait loci for water-use efficiency in barley (<i>Hordeum vulgare</i> L.) measured by carbon isotope discrimination under rain-fed conditions on the Canadian Prairies. <i>Theoretical and Applied Genetics</i> , 2012, 125, 71-90.	3.6	25
4489	Identification of quantitative trait loci (QTL) for resistance to <i>Fusarium</i> crown rot (<i>Fusarium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF <i>Applied Genetics</i> , 2012, 125, 91-107.	3.6	59
4490	Exploiting comparative mapping among Brassica species to accelerate the physical delimitation of a genic male-sterile locus (BnRf) in <i>Brassica napus</i> . <i>Theoretical and Applied Genetics</i> , 2012, 125, 211-222.	3.6	13
4491	Fine mapping of fw3.2 controlling fruit weight in tomato. <i>Theoretical and Applied Genetics</i> , 2012, 125, 273-284.	3.6	44
4492	Mapping QTL for resistance to eyespot of wheat in <i>Aegilops longissima</i> . <i>Theoretical and Applied Genetics</i> , 2012, 125, 355-366.	3.6	30
4493	A multiple gene complex on rice chromosome 4 is involved in durable resistance to rice blast. <i>Theoretical and Applied Genetics</i> , 2012, 125, 551-559.	3.6	31
4494	QTL mapping of terminal heat tolerance in hexaploid wheat (<i>T. aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 561-575.	3.6	175
4495	Characterization and molecular mapping of EMS-induced brittle culm mutants of diploid wheat (<i>Triticum monococcum</i> L.). <i>Euphytica</i> , 2012, 186, 165-176.	1.2	18
4496	QTL detection of seven spike-related traits and their genetic correlations in wheat using two related RIL populations. <i>Euphytica</i> , 2012, 186, 177-192.	1.2	101
4497	Mapping stripe rust resistance gene YrSph derived from <i>Tritium sphaerococcum</i> Perc. with SSR, SRAP, and TRAP markers. <i>Euphytica</i> , 2012, 185, 19-26.	1.2	17
4498	Transfer of architectural traits from perennial <i>Helianthus mollis</i> Lam. to sunflower (<i>H. annuus</i> L.) and localisation of introgression. <i>Euphytica</i> , 2012, 186, 557-572.	1.2	8
4499	Genomic characterization of drought tolerance-related traits in spring wheat. <i>Euphytica</i> , 2012, 186, 265-276.	1.2	95
4500	QTL underlying field grain drying rate after physiological maturity in maize (<i>Zea Mays</i> L.). <i>Euphytica</i> , 2012, 185, 521-528.	1.2	22
4501	QTL analysis for resistance to bacterial wilt (<i>Burkholderia caryophylli</i>) in carnation (<i>Dianthus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 29 41	2.1	41
4502	New PCR-based sequence-tagged site marker for bacterial blight resistance gene Xa38 of rice. <i>Molecular Breeding</i> , 2012, 30, 607-611.	2.1	81
4503	Genetic dissection of grain weight in bread wheat through quantitative trait locus interval and association mapping. <i>Molecular Breeding</i> , 2012, 29, 963-972.	2.1	92

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4504	Statistical method for mapping QTLs for complex traits based on two backcross populations. <i>Science Bulletin</i> , 2012, 57, 2645-2654.	1.7	4
4505	Development of SSR markers and construction of a linkage map in jute. <i>Journal of Genetics</i> , 2012, 91, 21-31.	0.7	44
4506	Mapping of <i>tms8</i> gene for temperature-sensitive genic male sterility (TGMS) in rice (<i>Oryza</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	1.9	11
4507	Development of sequence-tagged site markers linked to the pillar growth type in peach (<i>Prunus</i>). <i>Tj ETQq1 1 0,784314 rgBT /Overlock 16</i>	1.9	16
4508	Additional pea EST-SSR markers for comparative mapping in pea (<i>Pisum sativum</i> L.). <i>Plant Breeding</i> , 2012, 131, 222-226.	1.9	16
4509	Development of EST-derived SSR markers in pea (<i>Pisum sativum</i>) and their potential utility for genetic mapping and transferability. <i>Plant Breeding</i> , 2012, 131, 118-124.	1.9	36
4510	Mapping of quantitative trait loci conferring resistance to brown spot in flue-cured tobacco (<i>Nicotiana tabacum</i> L.). <i>Plant Breeding</i> , 2012, 131, 335-339.	1.9	19
4511	Quantitative trait loci (QTL) for <i>Fusarium</i> ELISA compared to QTL for <i>Fusarium</i> head blight resistance and deoxynivalenol content in barley. <i>Plant Breeding</i> , 2012, 131, 237-243.	1.9	16
4512	Identification of isolate-specific resistance QTLs to phytophthora root rot using an intraspecific recombinant inbred line population of pepper (<i>Capsicum annuum</i>). <i>Plant Pathology</i> , 2012, 61, 48-56.	2.4	46
4513	A molecular linkage map for <i>Drosophila mediopunctata</i> confirms synteny with <i>Drosophila melanogaster</i> and suggests a region that controls the variation in the number of abdominal spots. <i>Insect Molecular Biology</i> , 2012, 21, 89-95.	2.0	4
4514	Characterization of three VERNALIZATION INSENSITIVE3-like (VIL) homologs in wild wheat, <i>Aegilops tauschii</i> Coss. <i>Hereditas</i> , 2012, 149, 62-71.	1.4	11
4515	Molecular genetic mapping of NIR spectra variation. <i>Journal of Cereal Science</i> , 2012, 55, 6-14.	3.7	6
4516	<i>SnTox5</i> : a novel <i>S</i> tagonospora nodorum effector-wheat gene interaction and its relationship with the <i>SnToxA</i> and <i>Tsn1</i> and <i>SnTox3</i> <i>Snn3</i> <i>B1</i> interactions. <i>Molecular Plant Pathology</i> , 2012, 13, 1101-1109.	4.2	78
4517	SLO2, a mitochondrial pentatricopeptide repeat protein affecting several RNA editing sites, is required for energy metabolism. <i>Plant Journal</i> , 2012, 71, 836-849.	5.7	113
4518	Large-scale development of cost-effective SNP marker assays for diversity assessment and genetic mapping in chickpea and comparative mapping in legumes. <i>Plant Biotechnology Journal</i> , 2012, 10, 716-732.	8.3	221
4519	Identification of Quantitative Trait Loci for Bacterial Blight Resistance Derived from <i>Oryza meyeriana</i> and Agronomic Traits in Recombinant Inbred Lines of <i>Oryza sativa</i> . <i>Journal of Phytopathology</i> , 2012, 160, 461-468.	1.0	15
4520	Genetic dissection of leaf area by jointing two F_2 populations in maize (<i>Zea Mays</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	1.9	8
4521	Molecular mapping of grain physico-chemical and cooking quality traits using recombinant inbred lines in rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 1-10.	1.7	9

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4522	Genetic and Phenotypic Analysis of lax1-6, a Mutant Allele of LAX PANICLE1 in Rice. Journal of Plant Biology, 2012, 55, 50-63.	2.1	7
4523	Identification of microsatellite markers linked to leaf rust resistance gene Lr25 in wheat. Journal of Applied Genetics, 2012, 53, 19-25.	1.9	23
4524	Identification of qSOR1, a major rice QTL involved in soil-surface rooting in paddy fields. Theoretical and Applied Genetics, 2012, 124, 75-86.	3.6	62
4525	New broad-spectrum resistance to septoria tritici blotch derived from synthetic hexaploid wheat. Theoretical and Applied Genetics, 2012, 124, 125-142.	3.6	106
4526	Mapping and pyramiding of two major genes for resistance to the brown planthopper (Nilaparvata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	3.6	88
4527	Fine mapping and analysis of a candidate gene in tomato accession PI128216 conferring hypersensitive resistance to bacterial spot race T3. Theoretical and Applied Genetics, 2012, 124, 533-542.	3.6	43
4528	A mixed model QTL analysis for sugarcane multiple-harvest-location trial data. Theoretical and Applied Genetics, 2012, 124, 835-849.	3.6	73
4529	Mapping and characterization of seed dormancy QTLs using chromosome segment substitution lines in rice. Theoretical and Applied Genetics, 2012, 124, 893-902.	3.6	58
4530	Genetic characterization and fine mapping of a yellow-seeded gene in Dahuang (a Brassica rapa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	3.6	32
4531	High-density genetic linkage maps with over 2,400 sequence-anchored DArT markers for genetic dissection in an F2 pseudo-backcross of Eucalyptus grandis Å— E. urophylla. Tree Genetics and Genomes, 2012, 8, 163-175.	1.6	39
4532	QTL detection of seven quality traits in wheat using two related recombinant inbred line populations. Euphytica, 2012, 183, 207-226.	1.2	51
4533	Genetic mapping provides evidence for the role of additive and non-additive QTLs in the response of inter-specific hybrids of Eucalyptus to Puccinia psidii rust infection. Euphytica, 2012, 183, 27-38.	1.2	39
4534	A new gene controlling hybrid sterility in rice (Oryza sativa L.). Euphytica, 2012, 184, 15-22.	1.2	5
4535	Genetic and physical mapping of qHY-8, a pleiotropic QTL for heading date and yield-related traits in rice. Euphytica, 2012, 184, 109-118.	1.2	22
4536	Phenotypic characterization and genetic mapping of a new gene required for male and female gametophyte development in rice. Molecular Breeding, 2012, 29, 1-12.	2.1	10
4537	Development of a Mesoamerican intra-genepool genetic map for quantitative trait loci detection in a drought tolerantÅ—Åsusceptible common bean (Phaseolus vulgaris L.) cross. Molecular Breeding, 2012, 29, 71-88.	2.1	112
4538	Mapping of quantitative trait loci affecting resistance to Phytophthora nicotianae in tobacco (Nicotiana tabacum L.) line Beinhart-1000. Molecular Breeding, 2012, 29, 89-98.	2.1	41
4539	Construction of intraspecific linkage maps, detection of a chromosome inversion, and mapping of QTL for constitutive root aerenchyma formation in the teosinte Zea nicaraguensis. Molecular Breeding, 2012, 29, 137-146.	2.1	25

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4540	Validation of molecular markers linked to apospory in tetraploid races of bahiagrass, <i>Paspalum notatum</i> FlÃ¼ggÃ©. <i>Molecular Breeding</i> , 2012, 29, 189-198.	2.1	12
4541	Molecular mapping of the Rf 3 fertility restoration gene to facilitate its utilization in breeding confection sunflower. <i>Molecular Breeding</i> , 2012, 29, 275-284.	2.1	30
4542	Genome-wide identification of QTL conferring high-temperature adult-plant (HTAP) resistance to stripe rust (<i>Puccinia striiformis</i> f. sp. <i>tritici</i>) in wheat. <i>Molecular Breeding</i> , 2012, 29, 791-800.	2.1	73
4543	Mutation of OsALDH7 causes a yellow-colored endosperm associated with accumulation of oryzamutic acid A in rice. <i>Planta</i> , 2012, 235, 433-441.	3.2	18
4544	pc8.1, a major QTL for pigment content in pepper fruit, is associated with variation in plastid compartment size. <i>Planta</i> , 2012, 235, 579-588.	3.2	45
4545	A high density physical map of chromosome 1BL supports evolutionary studies, map-based cloning and sequencing in wheat. <i>Genome Biology</i> , 2013, 14, R64.	8.8	45
4546	Molecular mapping of locus controlling resistance to <i>Helicoverpa armigera</i> (Hubner) in <i>Cajanus cajan</i> L. (Millspaugh) using interspecific F2 mapping population. <i>Nucleus (India)</i> , 2013, 56, 91-97.	2.2	9
4547	Identification and characterization of BGL11(t), a novel gene regulating leaf-color mutation in rice (<i>Oryza sativa</i> L.). <i>Genes and Genomics</i> , 2013, 35, 491-499.	1.4	13
4548	Mapping of QTLs determining the expression of agronomically and economically valuable features in spring wheat (<i>Triticum aestivum</i> L.) grown in environmentally different Russian regions. <i>Russian Journal of Genetics: Applied Research</i> , 2013, 3, 209-221.	0.4	4
4549	Identification of simple sequence repeat markers linked to lipoxygenase-1 gene in soybean. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013, 22, 488-491.	1.7	2
4550	QTLs for <i>Orobanche</i> spp. resistance in faba bean: identification and validation across different environments. <i>Molecular Breeding</i> , 2013, 32, 909-922.	2.1	39
4551	Genetic dissection of the introgressive genomic components from <i>Gossypium barbadense</i> L. that contribute to improved fiber quality in <i>Gossypium hirsutum</i> L.. <i>Molecular Breeding</i> , 2013, 32, 547-562.	2.1	74
4552	Chromosome location and allele-specific PCR markers for marker-assisted selection of the oat crown rust resistance gene Pc91. <i>Molecular Breeding</i> , 2013, 32, 679-686.	2.1	29
4553	Mapping of flag smut resistance in common wheat. <i>Molecular Breeding</i> , 2013, 32, 699-707.	2.1	8
4554	A key QTL cluster is conserved among accessions and exhibits broad-spectrum resistance to <i>Phytophthora capsici</i> : a valuable locus for pepper breeding. <i>Molecular Breeding</i> , 2013, 32, 349-364.	2.1	54
4555	Confirming quantitative trait loci for aflatoxin resistance from Mp313E in different genetic backgrounds. <i>Molecular Breeding</i> , 2013, 32, 15-26.	2.1	50
4556	Identification of germplasm with stacked QTL underlying seed traits in an inbred soybean population from cultivars Essex and Forrest. <i>Molecular Breeding</i> , 2013, 31, 693-703.	2.1	35
4557	Genetic mapping of a fertile tiller inhibition gene, <i>ftin</i> , in wheat. <i>Molecular Breeding</i> , 2013, 31, 441-449.	2.1	42

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4558	Diversification of the Duplicated F3h Genes in Triticeae. <i>Journal of Molecular Evolution</i> , 2013, 76, 261-266.	1.8	20
4559	Genomics and Breeding for Climate-Resilient Crops. , 2013, , .		9
4560	Combining linkage and association mapping to search for markers linked to the flat fruit character in peach. <i>Euphytica</i> , 2013, 190, 279-288.	1.2	53
4562	Digital genotyping of sorghum â€“ a diverse plant species with a large repeat-rich genome. <i>BMC Genomics</i> , 2013, 14, 448.	2.8	51
4563	Pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.] consensus linkage map constructed using four RIL mapping populations and newly developed EST-SSRs. <i>BMC Genomics</i> , 2013, 14, 159.	2.8	94
4564	High-density SNP-based genetic map development and linkage disequilibrium assessment in <i>Brassica napus</i> L. <i>BMC Genomics</i> , 2013, 14, 120.	2.8	198
4565	Mapping of QTL lengthening the latent period of <i>Puccinia striiformis</i> in winter wheat at the tillering growth stage. <i>European Journal of Plant Pathology</i> , 2013, 136, 715-727.	1.7	37
4566	Mapping of QTLs associated with biological nitrogen fixation traits in soybean. <i>Hereditas</i> , 2013, 150, 17-25.	1.4	45
4567	Identification of Traits, Genes, and Crops of the Future. , 2013, , 27-177.		1
4568	Advance in Barley Sciences. , 2013, , .		5
4569	Linkage Maps of Lowland and Upland Tetraploid Switchgrass Ecotypes. <i>Bioenergy Research</i> , 2013, 6, 953-965.	3.9	48
4570	Introgression of stem rust resistance genes SrTA10187 and SrTA10171 from <i>Aegilops tauschii</i> to wheat. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2477-2484.	3.6	65
4571	Molecular characterization of field resistance to <i>Fusarium</i> head blight in two US soft red winter wheat cultivars. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2485-2498.	3.6	59
4572	Identification of qRBS1, a QTL involved in resistance to bacterial seedling rot in rice. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2417-2425.	3.6	19
4573	Genetic mapping of a novel gene for soybean aphid resistance in soybean (<i>Glycine max</i> [L.] Merr.) line P203 from China. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2279-2287.	3.6	15
4574	Genetic mapping of two genes conferring resistance to powdery mildew in common bean (<i>Phaseolus</i>) Tj ETQq1 1 0,784314 rgBT /Overl	3.6	27
4575	Fine mapping a major QTL for kernel number per row under different phosphorus regimes in maize (<i>Zea</i>) Tj ETQq0 0 0 rgBT /Overl	3.6	24
4576	A non-additive interaction in a single locus causes a very short root phenotype in wheat. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1189-1200.	3.6	12

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4577	pmX: a recessive powdery mildew resistance gene at the Pm4 locus identified in wheat landrace Xiaohongpi. <i>Theoretical and Applied Genetics</i> , 2013, 126, 913-921.	3.6	44
4578	Dynamic genetic features of chromosomes revealed by comparison of soybean genetic and sequence-based physical maps. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1103-1119.	3.6	21
4579	An eceriferum locus, cer-zv, is associated with a defect in cutin responsible for water retention in barley (<i>Hordeum vulgare</i>) leaves. <i>Theoretical and Applied Genetics</i> , 2013, 126, 637-646.	3.6	14
4580	Correlations and comparisons of quantitative trait loci with family per se and testcross performance for grain yield and related traits in maize. <i>Theoretical and Applied Genetics</i> , 2013, 126, 773-789.	3.6	23
4581	YGL138(t), encoding a putative signal recognition particle 54 kDa protein, is involved in chloroplast development of rice. <i>Rice</i> , 2013, 6, 7.	4.0	48
4582	Genetic diversity of arsenic accumulation in rice and QTL analysis of methylated arsenic in rice grains. <i>Rice</i> , 2013, 6, 3.	4.0	71
4583	Molecular mapping of genomic regions harbouring QTLs for root and yield traits in sorghum (<i>Sorghum bicolor</i> L. Moench). <i>Physiology and Molecular Biology of Plants</i> , 2013, 19, 409-419.	3.1	46
4584	Mapping of QTL associated with seed chemical content in a RIL population of common bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT /Qv	1.2	32
4585	Transmission ratio distortion of molecular markers in a doubled haploid population originated from a natural hybrid between <i>Osmunda japonica</i> and <i>O. lancea</i> . <i>Journal of Plant Research</i> , 2013, 126, 469-482.	2.4	4
4586	Characterization and gene mapping of a chlorophyll-deficient mutant clm1 of <i>Triticum monococcum</i> L.. <i>Biologia Plantarum</i> , 2013, 57, 442-448.	1.9	28
4587	Mapping quantitative trait loci (QTL) for grain size in rice using a RIL population from Basmati—Aindica cross showing high segregation distortion. <i>Euphytica</i> , 2013, 194, 401-416.	1.2	30
4588	The Genetic Control of Blood Pressure and Body Composition in Rats with Stress-Sensitive Hypertension. <i>Clinical and Experimental Hypertension</i> , 2013, 35, 484-495.	1.3	15
4589	Mapping of meiotic genes in rye (<i>Secale cereale</i> L.): Localization of sy19 mutation, impairing homologous synapsis, by means of isozyme and microsatellite markers. <i>Russian Journal of Genetics</i> , 2013, 49, 511-516.	0.6	3
4590	Identification of QTLs controlling seed dormancy in peach (<i>Prunus persica</i>). <i>Tree Genetics and Genomes</i> , 2013, 9, 659-668.	1.6	7
4591	Detection and Mapping of QTLs Affecting Contents of Pharmaceutical Alkaloids in Leaf and Root of <i>Catharanthus roseus</i> . <i>Agricultural Research</i> , 2013, 2, 9-23.	1.7	7
4592	Construction of a linkage map and QTL mapping for fiber quality traits in upland cotton (<i>Gossypium</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	59
4593	Genetic analysis and fine mapping of the pubescence gene GL6 in rice (<i>Oryza sativa</i> L.). <i>Science Bulletin</i> , 2013, 58, 2992-2999.	1.7	20
4594	Developing new markers and QTL mapping for greenbug resistance in sorghum [<i>Sorghum bicolor</i> (L.) Moench]. <i>Euphytica</i> , 2013, 191, 191-203.	1.2	20

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4595	Gene discovery and functional marker development for fragrance in sorghum (<i>Sorghum bicolor</i> (L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	36
4596	Identification of QTL for <i>Fusarium</i> Root Rot Resistance in Common Bean. Journal of Crop Improvement, 2013, 27, 406-418.	1.7	16
4597	Characterization and Mapping of a Salt Sensitive Mutant in Rice (<i>Oryza sativa</i> L.). Journal of Integrative Plant Biology, 2013, 55, 504-513.	8.5	18
4598	Characterization and gene mapping of a brittle culm mutant of diploid wheat (<i>Triticum monococcum</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 5	2.1	9
4599	Genetic Analysis and Preliminary Mapping of a Highly Male-Sterile Gene in Foxtail Millet (<i>Setaria italica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	18
4600	Natural Variation in OsPRR37 Regulates Heading Date and Contributes to Rice Cultivation at a Wide Range of Latitudes. Molecular Plant, 2013, 6, 1877-1888.	8.3	298
4601	Phytochrome C Is A Key Factor Controlling Long-Day Flowering in Barley. Plant Physiology, 2013, 163, 804-814.	4.8	71
4602	DNA markers for resistance to common bunt in "McKenzie" wheat. Canadian Journal of Plant Pathology, 2013, 35, 328-337.	1.4	15
4603	Comparison and Analysis of QTLs, Epistatic Effects and QTL×Environment Interactions for Yield Traits Using DH and RILs Populations in Rice. Journal of Integrative Agriculture, 2013, 12, 198-208.	3.5	8
4604	Genetic analysis and molecular mapping of a new fertility restorer gene Rf8 for <i>Triticum timopheevi</i> cytoplasm in wheat (<i>Triticum aestivum</i> L.) using SSR markers. Genetica, 2013, 141, 431-441.	1.1	21
4605	A comparative genetic and cytogenetic mapping of wheat chromosome 5B using introgression lines. Russian Journal of Genetics, 2013, 49, 1200-1206.	0.6	7
4606	Microsatellites. Methods in Molecular Biology, 2013, , .	0.9	11
4607	Flooding tolerance in interspecific introgression lines containing chromosome segments from teosinte (<i>Zea nicaraguensis</i>) in maize (<i>Zea mays</i> subsp. <i>mays</i>). Annals of Botany, 2013, 112, 1125-1139.	2.9	70
4608	Haplotype, molecular marker and phenotype effects associated with mineral nutrient and grain size traits of TaGS1a in wheat. Field Crops Research, 2013, 154, 119-125.	5.1	105
4609	Genetic Mapping and Marker Assisted Selection. , 2013, , .		36
4610	Segregation distortion caused by weak hybrid necrosis in recombinant inbred lines of common wheat. Genetica, 2013, 141, 463-470.	1.1	17
4611	Mapping of QTL conferring resistance to sharp eyespot (<i>Rhizoctonia cerealis</i>) in bread wheat at the adult plant growth stage. Theoretical and Applied Genetics, 2013, 126, 2865-2878.	3.6	49
4612	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

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4613	Rapid genotyping by low-coverage resequencing to construct genetic linkage maps of fungi: a case study in <i>Lentinula edodes</i> . <i>BMC Research Notes</i> , 2013, 6, 307.	1.4	21
4614	A reference consensus genetic map for molecular markers and economically important traits in faba bean (<i>Vicia faba</i> L.). <i>BMC Genomics</i> , 2013, 14, 932.	2.8	53
4615	Identification of QTLs for seed and pod traits in soybean and analysis for additive effects and epistatic effects of QTLs among multiple environments. <i>Molecular Genetics and Genomics</i> , 2013, 288, 651-667.	2.1	28
4616	High-resolution mapping of <i>zym</i> , a recessive gene for Zucchini yellow mosaic virus resistance in cucumber. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2983-2993.	3.6	37
4617	Molecular characterization of <i>Als1</i> , an acetohydroxyacid synthase mutation conferring resistance to sulfonylurea herbicides in soybean. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2957-2968.	3.6	16
4618	Combination of multipoint maximum likelihood (MML) and regression mapping algorithms to construct a high-density genetic linkage map for loblolly pine (<i>Pinus taeda</i> L.). <i>Tree Genetics and Genomes</i> , 2013, 9, 1529-1535.	1.6	23
4619	Characterization and genetic mapping of a novel recessive genic male sterile gene in sesame (<i>Sesamum</i>) Tj ETQq0 0 0 rgBT /Overlock 10	2.1	15
4620	Mapping of QTLs for oil content and fatty acid composition in Indian mustard [<i>Brassica juncea</i> (L.) Czern. and Coss.]. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013, 22, 80-89.	1.7	11
4621	Comparative Genomics in Euphorbiaceae. , 2013, , 351-374.		3
4622	Evaluation and QTL mapping of phosphorus concentration in soybean seed. <i>Euphytica</i> , 2013, 189, 261-269.	1.2	15
4623	A Dominant Major Locus in Chromosome 9 of Rice (<i>Oryza sativa</i> L.) Confers Tolerance to 48 °C High Temperature at Seedling Stage. <i>Journal of Heredity</i> , 2013, 104, 287-294.	2.4	63
4624	Genetic mapping of a major dominant gene for resistance to <i>Ralstonia solanacearum</i> in eggplant. <i>Theoretical and Applied Genetics</i> , 2013, 126, 143-158.	3.6	86
4625	Phenotypic characterization, genetic mapping and candidate gene analysis of a source conferring reduced plant height in sunflower. <i>Theoretical and Applied Genetics</i> , 2013, 126, 251-263.	3.6	9
4626	Positional cloning of a candidate gene for resistance to the sunflower downy mildew, <i>Plasmopara halstedii</i> race 300. <i>Theoretical and Applied Genetics</i> , 2013, 126, 359-367.	3.6	15
4627	Identification of the quantitative trait loci (QTL) underlying water soluble protein content in soybean. <i>Theoretical and Applied Genetics</i> , 2013, 126, 425-433.	3.6	63
4628	Development of a multiple bulked segregant analysis (MBSA) method used to locate a new stem rust resistance gene (<i>Sr54</i>) in the winter wheat cultivar Norin 40. <i>Theoretical and Applied Genetics</i> , 2013, 126, 443-449.	3.6	18
4629	Molecular mapping of <i>Yr53</i> , a new gene for stripe rust resistance in durum wheat accession PI 480148 and its transfer to common wheat. <i>Theoretical and Applied Genetics</i> , 2013, 126, 523-533.	3.6	106
4630	Simultaneous improvement and genetic dissection of grain yield and its related traits in a backbone parent of hybrid rice (<i>Oryza sativa</i> L.) using selective introgression. <i>Molecular Breeding</i> , 2013, 31, 181-194.	2.1	20

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4631	A major QTL for gluten strength in durum wheat (<i>Triticum turgidum</i> L. var. durum). <i>Journal of Cereal Science</i> , 2013, 57, 21-29.	3.7	25
4632	A Co-Dominant Marker BoE332 Applied to Marker-Assisted Selection of Homozygous Male-Sterile Plants in Cabbage (<i>Brassica oleracea</i> var. capitata L.). <i>Journal of Integrative Agriculture</i> , 2013, 12, 596-602.	3.5	16
4633	Genetic Analysis and Molecular Mapping of an All-Stage Stripe Rust Resistance Gene in <i>Triticum aestivum</i> -Haynaldia villosa Translocation Line V3. <i>Journal of Integrative Agriculture</i> , 2013, 12, 2197-2208.	3.5	13
4634	Confirmation of Novel Quantitative Trait Loci for Seed Dormancy at Different Ripening Stages in Rice. <i>Rice Science</i> , 2013, 20, 207-212.	3.9	11
4635	The rice REDUCED CULM NUMBER11 gene controls vegetative growth under low-temperature conditions in paddy fields independent of RCN1/OsABCG5. <i>Plant Science</i> , 2013, 211, 70-76.	3.6	3
4636	Identification of quantitative trait loci underlying seed protein and oil contents of soybean across multi-genetic backgrounds and environments. <i>Plant Breeding</i> , 2013, 132, 630-641.	1.9	94
4637	Quantitative Trait Loci for Grain Chalkiness and Endosperm Transparency Detected in Three Recombinant Inbred Line Populations of Indica Rice. <i>Journal of Integrative Agriculture</i> , 2013, 12, 1-11.	3.5	26
4638	Mapping a floral trait in Shepherds purse “Stamenoid petals” in natural populations of <i>Capsella bursa-pastoris</i> (L.) Medik. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 641-647.	1.2	13
4639	Dissection of two quantitative trait loci for grain weight linked in repulsion on the long arm of chromosome 1 of rice (<i>Oryza sativa</i> L.). <i>Crop Journal</i> , 2013, 1, 70-76.	5.2	9
4640	QTL Mapping for Stalk Related Traits in Maize (<i>Zea mays</i> L.) Under Different Densities. <i>Journal of Integrative Agriculture</i> , 2013, 12, 218-228.	3.5	13
4641	Polymorphism of TaSAP1-A1 and its association with agronomic traits in wheat. <i>Planta</i> , 2013, 237, 1495-1508.	3.2	83
4642	Identification of quantitative trait loci for flowering-related traits in the D genome of synthetic hexaploid wheat lines. <i>Euphytica</i> , 2013, 192, 401-412.	1.2	14
4643	Development of a SCAR marker linked with a MYMV resistance gene in mungbean (<i>Vigna radiata</i> L. Wiczek). <i>Plant Breeding</i> , 2013, 132, 127-132.	1.9	28
4644	Root lodging resistance in maize as an example for high-throughput genetic mapping via single nucleotide polymorphism-based selective genotyping. <i>Plant Breeding</i> , 2013, 132, 90-98.	1.9	17
4645	Misexpression of a PISTILLATA-like MADS box gene prevents fruit development in grapevine. <i>Plant Journal</i> , 2013, 73, 918-928.	5.7	47
4646	Fine mapping and candidate gene analysis of LM3, a novel lesion mimic gene in rice. <i>Biologia (Poland)</i> , 2013, 68, 82-90.	1.5	6
4647	Marker-Assisted Breeding for Stress Resistance in Crop Plants. , 2013, , 387-426.		8
4648	Diversifying Sunflower Germplasm by Integration and Mapping of a Novel Male Fertility Restoration Gene. <i>Genetics</i> , 2013, 193, 727-737.	2.9	32

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4649	The receptor-like kinase ERECTA contributes to the shade-avoidance syndrome in a background-dependent manner. <i>Annals of Botany</i> , 2013, 111, 811-819.	2.9	38
4650	Simultaneous transfer, introgression, and genomic localization of genes for resistance to stem rust race TTKSK (Ug99) from <i>Aegilops tauschii</i> to wheat. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1179-1188.	3.6	61
4651	Mapping of meiotic genes in rye (<i>Secale cereale</i> L.): Localization of sy18 mutation with impaired homologous synapsis using microsatellite markers. <i>Russian Journal of Genetics</i> , 2013, 49, 411-416.	0.6	3
4652	Molecular Mapping and Breeding with Microsatellite Markers. <i>Methods in Molecular Biology</i> , 2013, 1006, 297-317.	0.9	3
4653	Linkage Map Construction. , 2013, , 81-108.		2
4654	Expression and mapping of anthocyanin biosynthesis genes in carrot. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1689-1702.	3.6	77
4655	Molecular mapping of leaf rust resistance gene Lr15 in hexaploid wheat. <i>Molecular Breeding</i> , 2013, 31, 743-747.	2.1	14
4656	Medicinal Plants medicinal plant , Engineering of Secondary Metabolites cell/cellular cultures secondary metabolites in Cell Cultures cell/cellular cultures. , 2013, , 1182-1200.		3
4657	Identification and validation of powdery mildew (<i>Podosphaera xanthii</i>)-resistant loci in recombinant inbred lines of cucumber (<i>Cucumis sativus</i> L.). <i>Molecular Breeding</i> , 2013, 32, 267-277.	2.1	73
4658	Marker-Assisted breeding/breed, see also animal breeding marker-assisted Breeding breeding/breed, see also animal breeding in Crops. , 2013, , 1158-1181.		1
4659	Phenotypic and molecular characterization of a tomato (<i>Solanum lycopersicum</i> L.) F2 population segregation for improving shelf life. <i>Genetics and Molecular Research</i> , 2013, 12, 506-518.	0.2	14
4660	Genetic and physical fine mapping of a multilocus gene Bjl1 in <i>Brassica juncea</i> to a 208-kb region. <i>Molecular Breeding</i> , 2013, 32, 373-383.	2.1	28
4661	QTL Mapping: Methodology and Applications in Cereal Breeding. , 2013, , 275-318.		18
4662	Identification, mapping and evolutionary course of wheat lipoxygenase-1 genes located on the A genome. <i>Journal of Cereal Science</i> , 2013, 58, 298-304.	3.7	11
4663	Identification of quantitative trait loci for cadmium accumulation and distribution in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1	2.0	29
4664	Increasing the density of markers around a major QTL controlling resistance to angular leaf spot in common bean. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2451-2465.	3.6	39
4665	Mapping of two suppressors of OVATE (sov) loci in tomato. <i>Heredity</i> , 2013, 111, 256-264.	2.6	57
4666	Molecular polymorphism and linkage analysis in sweet passion fruit, an outcrossing species. <i>Annals of Applied Biology</i> , 2013, 162, 347-361.	2.5	29

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4667	QTL Analysis and Map-Based Cloning of Salt Tolerance Gene in Rice. <i>Methods in Molecular Biology</i> , 2013, 956, 69-82.	0.9	6
4668	Identification and mapping of a stripe rust resistance gene in spring wheat germplasm HRMSN-81 from CIMMYT. <i>Crop and Pasture Science</i> , 2013, 64, 1.	1.5	5
4669	Identification and development of molecular markers linked to Phytophthora root rot resistance in pepper (<i>Capsicum annuum</i> L.). <i>European Journal of Plant Pathology</i> , 2013, 135, 289-297.	1.7	18
4670	Molecular Genetic Analysis of Domestication Traits in Emmer Wheat. I: Map Construction and QTL Analysis using an F ₂ Population. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 3627-3637.	1.3	19
4671	A candidate male-fertility female-fertility gene tagged by the soybean endogenous transposon, Tgm9. <i>Functional and Integrative Genomics</i> , 2013, 13, 67-73.	3.5	13
4672	Genetic analysis and location of gene for resistance to stripe rust in wheat international differential host Strubes Dickkopf. <i>Journal of Genetics</i> , 2013, 92, 267-272.	0.7	7
4673	Identification of bioconversion quantitative trait loci in the interspecific cross <i>Sorghum bicolor</i> — <i>Sorghum propinquum</i> . <i>Theoretical and Applied Genetics</i> , 2013, 126, 2367-2380.	3.6	13
4674	Quantitative trait loci mapping for yield components and kernel-related traits in multiple connected RIL populations in maize. <i>Euphytica</i> , 2013, 193, 303-316.	1.2	80
4675	Pleiotropic effects of the elongated glume gene P1 on grain and spikelet shape-related traits in tetraploid wheat. <i>Euphytica</i> , 2013, 194, 207-218.	1.2	18
4676	Genetic mapping of QTLs for horticulture traits in a F2-3 population of bitter melon (<i>Momordica</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 1	1.2	31
4677	Genetic analysis and mapping of seedling resistance to <i>Septoria tritici</i> blotch in â€˜Steele-NDâ€™/â€˜ND 735â€™ bread wheat population. <i>Cereal Research Communications</i> , 2013, 41, 199-210.	1.6	6
4678	Improving the yellow pigment content of bread wheat flour by selecting the three homoeologous copies of Psy1. <i>Molecular Breeding</i> , 2013, 31, 87-99.	2.1	23
4679	Toward a Molecular Cytogenetic Map for Cultivated Sunflower (<i>Helianthus annuus</i> L.) by Landed BAC/BIBAC Clones. G3: Genes, Genomes, Genetics, 2013, 3, 31-40.	1.8	17
4680	Mapping and confirmation of a major left ventricular mass QTL on rat chromosome 1 by contrasting SHRSP and F344 rats. <i>Physiological Genomics</i> , 2013, 45, 827-833.	2.3	3
4682	Genomic collinearity and the genetic architecture of floral differences between the homoploid hybrid species <i>Iris nelsonii</i> and one of its progenitors, <i>Iris hexagona</i> . <i>Heredity</i> , 2013, 110, 63-70.	2.6	20
4683	Identification of quantitative trait loci controlling grain size and shape in the D genome of synthetic hexaploid wheat lines. <i>Breeding Science</i> , 2013, 63, 423-429.	1.9	77
4684	Characterization and mapping of novel chlorophyll deficient mutant genes in durum wheat. <i>Breeding Science</i> , 2013, 63, 169-175.	1.9	53
4685	QTL analysis for eating quality-related traits in an F ₂ population derived from waxy corn—sweet corn cross. <i>Breeding Science</i> , 2013, 63, 325-332.	1.9	21

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4686	Differential contribution of two <i>Ppd-1</i> homoeoalleles to early-flowering phenotype in Nepalese and Japanese varieties of common wheat. <i>Breeding Science</i> , 2013, 63, 374-383.	1.9	7
4687	Detection and verification of QTLs associated with heat-induced quality decline of rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	42
4688	Molecular mapping of a sunflower rust resistance gene from HAR6. <i>Breeding Science</i> , 2013, 63, 141-146.	1.9	16
4689	Mismatch Repair Genes Mlh1 and Mlh3 Modify CAG Instability in Huntington's Disease Mice: Genome-Wide and Candidate Approaches. <i>PLoS Genetics</i> , 2013, 9, e1003930.	3.5	175
4690	Mapping and validation of QTLs for rice sheath blight resistance. <i>Breeding Science</i> , 2013, 63, 301-308.	1.9	47
4691	Identification of Amplified Fragment Length Polymorphism (AFLP) Markers Tightly Associated with Drought Stress Gene in Male Sterile and Fertile <i>Salvia miltiorrhiza</i> Bunge. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6518-6528.	4.1	12
4692	Detection of Quantitative Trait Loci (QTLs) for Resistances to Small Brown Planthopper and Rice Stripe Virus in Rice Using Recombinant Inbred Lines. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8406-8421.	4.1	13
4693	Comparative Genome Structure, Secondary Metabolite, and Effector Coding Capacity across <i>Cochliobolus</i> Pathogens. <i>PLoS Genetics</i> , 2013, 9, e1003233.	3.5	232
4694	Genetic analysis and fine mapping of a semi-dwarf gene in a centromeric region in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overl	1.9	10 Tf 50
4695	A mutation in the FZL gene of <i>Arabidopsis</i> causing alteration in chloroplast morphology results in a lesion mimic phenotype. <i>Journal of Experimental Botany</i> , 2013, 64, 4313-4328.	4.8	27
4696	A natural variant of NAL1, selected in high-yield rice breeding programs, pleiotropically increases photosynthesis rate. <i>Scientific Reports</i> , 2013, 3, 2149.	3.3	181
4697	The Construction of Molecular Genetic Map of Barley Using SRAP Markers. , 2013, , 433-440.		2
4698	Genetic Analysis of Recombinant Inbred Lines for <i>Sorghum bicolor</i> — <i>Sorghum propinquum</i> . G3: Genes, Genomes, Genetics, 2013, 3, 101-108.	1.8	43
4699	A triallelic genetic male sterility locus in <i>Brassica napus</i> : an integrative strategy for its physical mapping and possible local chromosome evolution around it. <i>Annals of Botany</i> , 2013, 111, 305-315.	2.9	17
4700	A major QTL controlling deep rooting on rice chromosome 4. <i>Scientific Reports</i> , 2013, 3, 3040.	3.3	58
4701	Genetic regulation of cold-induced albinism in the maize inbred line A661. <i>Journal of Experimental Botany</i> , 2013, 64, 3657-3667.	4.8	36
4702	Converting restriction fragment length polymorphism to single-strand conformation polymorphism markers and its application in the fine mapping of a trichome gene in cotton. <i>Plant Breeding</i> , 2013, 132, 337-343.	1.9	9
4703	Integrated Consensus Map of Cultivated Peanut and Wild Relatives Reveals Structures of the A and B Genomes of <i>Arachis</i> and Divergence of the Legume Genomes. <i>DNA Research</i> , 2013, 20, 173-184.	3.4	113

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4704	MAPPING OF IRON AND ZINC QUANTITATIVE TRAIT LOCI IN SOYBEAN FOR ASSOCIATION TO IRON DEFICIENCY CHLOROSIS RESISTANCE. <i>Journal of Plant Nutrition</i> , 2013, 36, 2132-2153.	1.9	30
4705	RECENT GENE-CAPTURE ON THE LIV SEX CHROMOSOMES OF THE MOSSCERATODON PURPUREUS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, n/a-n/a.	2.3	34
4706	AFLP mapping of quantitative trait loci influencing seven head-related traits in broccoli (<i>Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	11
4707	Correlation analysis and QTL mapping of osmotic potential in japonica rice under upland and lowland conditions. <i>Canadian Journal of Plant Science</i> , 2013, 93, 785-792.	0.9	3
4708	Three Quantitative Trait Loci Conferring Resistance to Kernel Fissuring in Rice Identified by Selective Genotyping in Two Tropical Japonica Populations. <i>Crop Science</i> , 2013, 53, 2434-2443.	1.8	16
4709	Estimation of a genetic map. , 0, , 59-76.		0
4710	Mapping of resistance genes to races 1, 3 and 5 of <i>Podosphaera xanthii</i> in melon PI 414723. <i>Crop Breeding and Applied Biotechnology</i> , 2013, 13, 349-355.	0.4	17
4711	Linkage and mapping analyses of the normal marking gene +P in the silkworm (<i>Bombyx mori</i>) using SSR markers. <i>Genetics and Molecular Research</i> , 2013, 12, 2351-2359.	0.2	3
4712	Inverted Repeat of Chalcone Synthase 3 Pseudogene Is Associated with Seed Coat Discoloration in Soybean. <i>Crop Science</i> , 2013, 53, 518-523.	1.8	5
4713	QTL Mapping of Growth-Related Traits in a Full-Sib Family of Rubber Tree (<i>Hevea brasiliensis</i>) Evaluated in a Sub-Tropical Climate. <i>PLoS ONE</i> , 2013, 8, e61238.	2.5	72
4714	Analysis of Cytoplasmic Effects and Fine-Mapping of a Genic Male Sterile Line in Rice. <i>PLoS ONE</i> , 2013, 8, e61719.	2.5	5
4715	Multi-QTL Mapping for Quantitative Traits Using Epistatic Distorted Markers. <i>PLoS ONE</i> , 2013, 8, e68510.	2.5	3
4716	Genetic Dissection of Quantitative Trait Loci for Hemostasis and Thrombosis on Mouse Chromosomes 11 and 5 Using Congenic and Subcongenic Strains. <i>PLoS ONE</i> , 2013, 8, e77539.	2.5	1
4717	Extensive Variation in the Density and Distribution of DNA Polymorphism in Sorghum Genomes. <i>PLoS ONE</i> , 2013, 8, e79192.	2.5	49
4718	Molecular Mapping of D1, D2 and ms5 Revealed Linkage between the Cotyledon Color Locus D2 and the Male-Sterile Locus ms5 in Soybean. <i>Plants</i> , 2013, 2, 441-454.	3.5	10
4719	Emerging Paradigms in Genomics-Based Crop Improvement. <i>Scientific World Journal, The</i> , 2013, 2013, 1-17.	2.1	29
4720	A Fusarium Head Blight Resistance Quantitative Trait Locus on Chromosome 7D of the Spring Wheat Cultivar Catbird. <i>Crop Science</i> , 2013, 53, 1464-1471.	1.8	26
4721	Characterization and molecular mapping of a dwarf mutant in wheat. <i>Genetics and Molecular Research</i> , 2013, 12, 3555-3565.	0.2	4

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4722	QTL Analysis of Shoot Ureide and Nitrogen Concentrations in Soybean [<i>Glycine max</i> (L.) Merr.]. Crop Science, 2013, 53, 2421-2433.	1.8	21
4723	Lr39 + Pm21: a new effective combination of resistance genes for leaf rust and powdery mildew in wheat. Czech Journal of Genetics and Plant Breeding, 2013, 49, 109-115.	0.8	4
4724	Identification of Quantitative Trait Loci for Fiber Quality Properties on Homoeologous Chromosomes 13 and 18 of <i>Gossypium klotzschianum</i> . Crop Science, 2014, 54, 484-491.	1.8	3
4725	Hessian Fly (<i>Mayetiola destructor</i> [Say]) Resistance Identified on Chromosome 1AS in the Spring Wheat (<i>Triticum aestivum</i> L.) Cultivar "Louise"™. Crop Science, 2014, 54, 971-981.	1.8	11
4726	Transference of Wheat Expressed Sequence Tag "Simple Sequence Repeats to <i>Paspalum</i> Species and Cross-Species Amplification of <i>Paspalum notatum</i> Simple Sequence Repeats: Potential Use in Phylogenetic Analysis and Mapping. Crop Science, 2014, 54, 240-254.	1.8	3
4727	<i>Ghd7</i> (<i>Ma</i> ₆) Represses Sorghum Flowering in Long Days: <i>Ghd7</i> Alleles Enhance Biomass Accumulation and Grain Production. Plant Genome, 2014, 7, plantgenome2013.11.0040.	2.8	97
4728	Molecular detection of QTL controlling plant height components in a doubled haploid barley population. Genetics and Molecular Research, 2014, 13, 3089-3099.	0.2	13
4729	Characterization and mapping of a spotted leaf mutant in rice (<i>Oryza sativa</i>). Genetics and Molecular Biology, 2014, 37, 406-413.	1.3	13
4730	Quantitative trait loci map for growth and morphometric traits using a channel catfish × blue catfish interspecific hybrid system1. Journal of Animal Science, 2014, 92, 1850-1865.	0.5	9
4731	Fine Physical and Genetic Mapping of Powdery Mildew Resistance Gene MlW172 Originating from Wild Emmer (<i>Triticum dicoccoides</i>). PLoS ONE, 2014, 9, e100160.	2.5	36
4732	Mapping of Quantitative Trait Locus (QTLs) that Contribute to Germination and Early Seedling Drought Tolerance in the Interspecific Cross <i>Setaria italica</i> × <i>Setaria viridis</i> . PLoS ONE, 2014, 9, e101868.	2.5	62
4733	Selection on Crop-Derived Traits and QTL in Sunflower (<i>Helianthus annuus</i>) Crop-Wild Hybrids under Water Stress. PLoS ONE, 2014, 9, e102717.	2.5	9
4734	Mapping and Introgression of QTL Involved in Fruit Shape Transgressive Segregation into "Piel de Sapo"™ Melon (<i>Cucumis melo</i> L.). PLoS ONE, 2014, 9, e104188.	2.5	58
4735	Genetic Analysis and QTL Detection for Resistance to White Tip Disease in Rice. PLoS ONE, 2014, 9, e106099.	2.5	4
4736	Candidate Gene Identification for a Lethal Chlorophyll-Deficient Mutant in Soybean. Agronomy, 2014, 4, 462-469.	3.0	12
4737	Genetic Dissection of QTL Associated with Grain Yield in Diverse Environments. Agronomy, 2014, 4, 556-578.	3.0	12
4738	Comparison of Pyrolysis Mass Spectrometry and Near Infrared Spectroscopy for Genetic Analysis of Lignocellulose Chemical Composition in Populus. Forests, 2014, 5, 466-481.	2.1	6
4739	Mapping an aphid resistance gene in soybean [<i>Glycine max</i> (L.) Merr.] P746. Genetics and Molecular Research, 2014, 13, 9152-9160.	0.2	6

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4740	Identification of a major quantitative trait locus for ear size induced by space flight in sweet corn. <i>Genetics and Molecular Research</i> , 2014, 13, 3069-3078.	0.2	6
4741	Mapping of a QTL for Field Resistance to Blast (<i>Pyricularia oryzae</i> Cavara) in Inngoppor-tinawon, a Rice (<i>Oryza sativa</i> L.) Landrace from the Philippines. <i>Japan Agricultural Research Quarterly</i> , 2014, 48, 425-431.	0.4	9
4742	Mapping Net Blotch Resistance in "Nominasi"™ and Clho 2291 Barley. <i>Crop Science</i> , 2014, 54, 2596-2602.	1.8	23
4743	Sixteen cytosolic glutamine synthetase genes identified in the <i>Brassica napus</i> L. genome are differentially regulated depending on nitrogen regimes and leaf senescence. <i>Journal of Experimental Botany</i> , 2014, 65, 3927-3947.	4.8	43
4744	An Integrated Genomic Approach for Rapid Delineation of Candidate Genes Regulating Agro-Morphological Traits in Chickpea. <i>DNA Research</i> , 2014, 21, 695-710.	3.4	70
4745	The cuticular wax inhibitor locus <i>lw2</i> in wild diploid wheat <i>Aegilops tauschii</i> : phenotypic survey, genetic analysis, and implications for the evolution of common wheat. <i>BMC Plant Biology</i> , 2014, 14, 246.	3.6	20
4746	Fine mapping of qHd1, a minor heading date QTL with pleiotropism for yield traits in rice (<i>Oryza sativa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	51
4747	A substitution mutation in <i>OsCCD7</i> cosegregates with dwarf and increased tillering phenotype in rice. <i>Journal of Genetics</i> , 2014, 93, 389-401.	0.7	60
4748	Genetic analysis of vegetative branching in sorghum. <i>Theoretical and Applied Genetics</i> , 2014, 127, 2387-2403.	3.6	35
4749	Molecular mapping of restorer-of-fertility 2 gene identified from a sugar beet (<i>Beta vulgaris</i> L. ssp.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.6	21
4750	BZcon1, a SANT/Myb-Type Gene Involved in the Conidiation of <i>Cochliobolus carbonum</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1445-1453.	1.8	7
4751	Quantitative Trait Locus Analysis for Yield Traits of Cassava (<i>Manihot esculenta</i> Crantz). <i>Applied Mechanics and Materials</i> , 2014, 651-653, 277-288.	0.2	0
4752	Identification of quantitative trait loci associated with boiled seed hardness in soybean. <i>Breeding Science</i> , 2014, 64, 362-370.	1.9	16
4753	Quantitative Trait Locus Mapping and Candidate Gene Analysis for Plant Architecture Traits Using Whole Genome Re-Sequencing in Rice. <i>Molecules and Cells</i> , 2014, 37, 149-160.	2.6	50
4754	Mapping three new interspecific hybrid sterile loci between <i>Oryza sativa</i> and <i>O. glaberrima</i> . <i>Breeding Science</i> , 2014, 63, 476-482.	1.9	32
4755	Genetic mapping, marker assisted selection and allelic relationships for the <i>Pu6</i> gene conferring rust resistance in sunflower. <i>Breeding Science</i> , 2014, 64, 206-212.	1.9	10
4756	Development of EST-SSR markers and construction of a linkage map in faba bean (<i>Vicia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	30
4757	Genetic control of immunity to <i>Turnip mosaic virus</i> (TuMV) pathotype 1 in <i>Brassica rapa</i> (Chinese cabbage). <i>Genome</i> , 2014, 57, 419-425.	2.0	17

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4758	Quantitative Trait Loci Mapping for Bacterial Blight Resistance in Rice Using Bulk Segregant Analysis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11847-11861.	4.1	29
4759	New Arabidopsis Advanced Intercross Recombinant Inbred Lines Reveal Female Control of Nonrandom Mating. <i>Plant Physiology</i> , 2014, 165, 175-185.	4.8	21
4760	A new mouse model of Canavan leukodystrophy displays hearing impairment due to central nervous system dysmyelination. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 649-57.	2.4	12
4761	Efficient and accurate clustering for large-scale genetic mapping. , 2014, , .		5
4762	QTLs for Seedling Growth of Direct Seeded Rice under Submerged and Low Temperature Conditions. <i>Plant Production Science</i> , 2014, 17, 41-46.	2.0	12
4763	Draft Genome Sequence of Eggplant (<i>Solanum melongena</i> L.): the Representative <i>Solanum</i> Species Indigenous to the Old World. <i>DNA Research</i> , 2014, 21, 649-660.	3.4	254
4764	Quantitative trait loci analysis of individual and total isoflavone contents in soybean seeds. <i>Journal of Genetics</i> , 2014, 93, 331-338.	0.7	14
4765	Genetic dissection of seed vigour under artificial ageing conditions using two joined maize recombinant inbred line populations. <i>Plant Breeding</i> , 2014, 133, 728-737.	1.9	7
4766	Molecular mapping of three male-sterile, female-fertile mutants and generation of a comprehensive map of all known male sterility genes in soybean. <i>Genome</i> , 2014, 57, 155-160.	2.0	20
4767	Molecular and functional characterization of wheat near-isogenic line "S29 Ra"™ having intensive anthocyanin pigmentation of the coleoptile, culm, leaves and auricles. <i>Plant Breeding</i> , 2014, 133, 454-458.	1.9	10
4768	Quantitative trait locus mapping of floral and related traits using an F ₂ population of <i>Aquilegia</i> . <i>Plant Breeding</i> , 2014, 133, 153-161.	1.9	11
4769	The Use of SNP Markers for Linkage Mapping in Diploid and Tetraploid Peanuts. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 89-96.	1.8	67
4770	Mapping QTLs for cold tolerance at germination and the early seedling stage in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262	1.3	31
4771	A gene-derived SNP-based high resolution linkage map of carrot including the location of QTL conditioning root and leaf anthocyanin pigmentation. <i>BMC Genomics</i> , 2014, 15, 1118.	2.8	64
4772	Co-localisation of the blackleg resistance genes Rlm2 and LepR3 on Brassica napus chromosome A10. <i>BMC Plant Biology</i> , 2014, 14, 387.	3.6	62
4773	The Genetic Architecture of Coordinately Evolving Male Wing Pigmentation and Courtship Behavior in <i>Drosophila elegans</i> and <i>Drosophila gunungcola</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2079-2093.	1.8	22
4774	Development and Application of Classical Genetics in <i>Toxoplasma gondii</i> . , 2014, , 551-576.		0
4775	Resolution of Genetic Map Expansion Caused by Excess Heterozygosity in Plant Recombinant Inbred Populations. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1963-1969.	1.8	24

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4776	QTL analysis of internode elongation in response to gibberellin in deepwater rice. <i>AoB PLANTS</i> , 2014, 6, plu028-plu028.	2.3	25
4777	The "one-step" Bean pod mottle virus (BPMV)-derived vector is a functional genomics tool for efficient overexpression of heterologous protein, virus-induced gene silencing and genetic mapping of BPMV R-gene in common bean (<i>Phaseolus vulgaris</i> L.). <i>BMC Plant Biology</i> , 2014, 14, 232.	3.6	25
4778	High-resolution mapping of the dull fruit skin gene D in cucumber (<i>Cucumis sativus</i> L.). <i>Molecular Breeding</i> , 2014, 33, 15-22.	2.1	37
4779	Mapping the low palmitate fap1 mutation and validation of its effects in soybean oil and agronomic traits in three soybean populations. <i>Theoretical and Applied Genetics</i> , 2014, 127, 97-111.	3.6	22
4780	Genetic analysis of host–pathogen incompatibility between <i>Lolium</i> isolates of <i>Pyricularia oryzae</i> and wheat. <i>Journal of General Plant Pathology</i> , 2014, 80, 59-65.	1.0	40
4781	Genetics and mapping of quantitative traits for nodule number, weight, and size in soybean (<i>Glycine</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	53
4782	Genetic mapping and QTL analysis for yield and agronomic traits with an F2:3 population derived from a waxy corn–sweet corn cross. <i>Genes and Genomics</i> , 2014, 36, 179-189.	1.4	17
4783	Linkage group correction using epistatic distorted markers in F2 and backcross populations. <i>Heredity</i> , 2014, 112, 479-488.	2.6	10
4784	Arthritis Research. <i>Methods in Molecular Biology</i> , 2014, , .	0.9	1
4785	Re-evaluation of the inheritance for root-knot nematode resistance in the Upland cotton germplasm line M-120 RNR revealed two epistatic QTLs conferring resistance. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1343-1351.	3.6	42
4786	Identification and genetic mapping of a recessive gene for resistance to stripe rust in wheat line LM168-1. <i>Molecular Breeding</i> , 2014, 33, 601-609.	2.1	17
4787	Fine mapping of the uniform immature fruit color gene u in cucumber (<i>Cucumis sativus</i> L.). <i>Euphytica</i> , 2014, 196, 341-348.	1.2	38
4788	Genetic and physical mapping of the QTLAR3 controlling blight resistance in chickpea (<i>Cicer arietinum</i>) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	27
4789	Genetic analysis and molecular mapping of crown rust resistance in common wheat. <i>Theoretical and Applied Genetics</i> , 2014, 127, 609-619.	3.6	9
4790	Fine mapping of LrSV2, a race-specific adult plant leaf rust resistance gene on wheat chromosome 3BS. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1133-1141.	3.6	15
4791	Genetic analysis and major QTL detection for maize kernel size and weight in multi-environments. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1019-1037.	3.6	121
4792	Genetic analysis of safflower domestication. <i>BMC Plant Biology</i> , 2014, 14, 43.	3.6	40
4793	Mapping of QTL associated with waterlogging tolerance and drought resistance during the seedling stage in oilseed rape (<i>Brassica napus</i>). <i>Euphytica</i> , 2014, 197, 341-353.	1.2	23

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4794	Fine mapping and metabolic and physiological characterization of the glume glaucousness inhibitor locus <i>lw3</i> derived from wild wheat. <i>Theoretical and Applied Genetics</i> , 2014, 127, 831-841.	3.6	30
4795	The complex resistance to cucumber mosaic cucumovirus (CMV) in the melon accession PI161375 is governed by one gene and at least two quantitative trait loci. <i>Molecular Breeding</i> , 2014, 34, 351-362.	2.1	31
4796	Identification of QTLs for salt tolerance at germination and seedling stage of <i>Sorghum bicolor</i> L. Moench. <i>Euphytica</i> , 2014, 196, 117-127.	1.2	32
4797	A dwarfing mutant caused by deactivation function of alpha subunit of the heterotrimeric G-protein in rice. <i>Euphytica</i> , 2014, 197, 145-159.	1.2	3
4798	Identification of quantitative trait loci involved in the response to cold stress in maize (<i>Zea mays</i> L.). <i>Molecular Breeding</i> , 2014, 33, 363-371.	2.1	60
4799	QTL mapping and development of candidate gene-derived DNA markers associated with seedling cold tolerance in rice (<i>Oryza sativa</i> L.). <i>Molecular Genetics and Genomics</i> , 2014, 289, 333-343.	2.1	49
4800	A first genetic map of <i>Acca sellowiana</i> based on ISSR, AFLP and SSR markers. <i>Scientia Horticulturae</i> , 2014, 169, 138-146.	3.6	6
4801	QTL analysis of frost damage in pea suggests different mechanisms involved in frost tolerance. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1319-1330.	3.6	51
4802	Mapping of Seed Shattering Loci Provides Insights into Origin of Weedy Rice and Rice Domestication. <i>Journal of Heredity</i> , 2014, 105, 276-287.	2.4	36
4803	Construction of an integrative linkage map and QTL mapping of grain yield-related traits using three related wheat RIL populations. <i>Theoretical and Applied Genetics</i> , 2014, 127, 659-675.	3.6	172
4804	Genome-wide marker development for the wheat D genome based on single nucleotide polymorphisms identified from transcripts in the wild wheat progenitor <i>Aegilops tauschii</i> . <i>Theoretical and Applied Genetics</i> , 2014, 127, 261-271.	3.6	43
4805	Molecular evidence that the genes for dioecism and monoecism in <i>Spinacia oleracea</i> L. are located at different loci in a chromosomal region. <i>Heredity</i> , 2014, 112, 317-324.	2.6	29
4806	Cytogenetic analysis of cytoplasmic male sterility in wheat line KTP116A and molecular mapping of two thermo-sensitive restoration genes. <i>Euphytica</i> , 2014, 196, 129-136.	1.2	5
4807	Inheritance and Mapping of <i>Mj-2</i> , a New Source of Root-knot Nematode (<i>Meloidogyne</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	31
4808	Identification of QTLs with additive, epistatic and QTL×development interaction effects for seed dormancy in rice. <i>Planta</i> , 2014, 239, 411-420.	3.2	35
4809	Mapping and candidate gene identification of loci induced by phytohormones in barley (<i>Hordeum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	3
4810	Intron loss in the chalcone-flavanone isomerase gene of rye. <i>Molecular Breeding</i> , 2014, 33, 953-959.	2.1	8
4811	Characterization and genetic mapping of a Photoperiod-sensitive dwarf 1 locus in rice (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	18

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4812	A putative candidate for the recessive gall midge resistance gene gm3 in rice identified and validated. Theoretical and Applied Genetics, 2014, 127, 113-124.	3.6	34
4813	Mapping of quantitative trait loci conferring resistance to bacterial wilt in tobacco (<i>Nicotiana glauca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 15	1.9	15
4814	Identification of a major <i>QTL</i> for adult plant resistance to coffee leaf rust (<i>Hemileia vastatrix</i>) in the natural Timor hybrid (<i>Coffea arabica</i> x <i>C. canephora</i>). Plant Breeding, 2014, 133, 121-129.	1.9	18
4815	<i>QTL</i> mapping of a partial resistance to the corn leafhopper-transmitted viruses in Lepidopteran-resistant maize line <i>Mp</i> 705. Plant Breeding, 2014, 133, 19-27.	1.9	5
4816	The genetic basis of durum wheat germination and seedling growth under osmotic stress. Biologia Plantarum, 2014, 58, 681-688.	1.9	17
4817	Molecular mapping of genes Yr64 and Yr65 for stripe rust resistance in hexaploid derivatives of durum wheat accessions PI 331260 and PI 480016. Theoretical and Applied Genetics, 2014, 127, 2267-2277.	3.6	93
4818	<i>FRIZZY PANICLE</i> Drives Supernumerary Spikelets in Bread Wheat. Plant Physiology, 2014, 167, 189-199.	4.8	131
4819	Identification of quantitative trait loci (<i>QTL</i> s) for seed protein concentration in soybean and analysis for additive effects and epistatic effects of <i>QTL</i> s under multiple environments. Plant Breeding, 2014, 133, 499-507.	1.9	39
4820	Molecular mapping of black rot resistance locus <i>Xcalbo</i> on chromosome 3 in <i>Indian cauliflower</i> (<i>Brassica oleracea</i> var. <i>botrytis</i> L.). Plant Breeding, 2014, 133, 268-274.	1.9	24
4821	Analyses of Tomato Fruit Brightness Mutants Uncover Both Cutin-Deficient and Cutin-Abundant Mutants and a New Hypomorphic Allele of <i>GDSL Lipase</i> . Plant Physiology, 2014, 164, 888-906.	4.8	81
4822	QTL analysis of soybean oil content under 17 environments. Canadian Journal of Plant Science, 2014, 94, 245-261.	0.9	6
4823	Quantitative trait loci from the host genetic background modulate the durability of a resistance gene: a rational basis for sustainable resistance breeding in plants. Heredity, 2014, 112, 579-587.	2.6	41
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4825	The peach volatilome modularity is reflected at the genetic and environmental response levels in a <i>QTL</i> mapping population. BMC Plant Biology, 2014, 14, 137.	3.6	29
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4828	Characterizing Uncertainty in High-Density Maps from Multiparental Populations. Genetics, 2014, 198, 117-128.	2.9	10
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4831	Fine mapping of Co-x, an anthracnose resistance gene to a highly virulent strain of Colletotrichum lindemuthianum in common bean. Theoretical and Applied Genetics, 2014, 127, 1653-1666.	3.6	59
4832	Fine mapping of a dominant thermo-sensitive genic male sterility gene (BntsMs) in rapeseed (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 T 1733-1740.	3.6	12
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4834	Identification of QTL for stalk sugar-related traits in a population of recombinant inbred lines of maize. Euphytica, 2014, 198, 79-89.	1.2	7
4835	High resolution map of eggplant (Solanum melongena) reveals extensive chromosome rearrangement in domesticated members of the Solanaceae. Euphytica, 2014, 198, 231-241.	1.2	24
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4837	Fine mapping of a gene that confers palmately lobed leaf (pll) in melon (Cucumis melo L.). Euphytica, 2014, 200, 337-347.	1.2	8
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4839	Transfer and mapping of a gene conferring later-growth-stage powdery mildew resistance in a tetraploid wheat accession. Molecular Breeding, 2014, 33, 669-677.	2.1	14
4840	Fine mapping of a minor-effect QTL, DTH12, controlling heading date in rice by up-regulation of florigen genes under long-day conditions. Molecular Breeding, 2014, 34, 311-322.	2.1	9
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4849	Development and mapping of SSR markers linked to resistance-gene homologue clusters in common bean. Crop Journal, 2014, 2, 183-194.	5.2	13
4850	QTL mapping for maize resistance and yield under infestation with <i>Sesamia nonagrioides</i> . Molecular Breeding, 2014, 34, 1331-1344.	2.1	25
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4852	Identification of quantitative trait locus for abscisic acid responsiveness on chromosome 5A and association with dehydration tolerance in common wheat seedlings. Journal of Plant Physiology, 2014, 171, 25-34.	3.5	24
4853	Molecular Mapping and Improvement of Leaf Rust Resistance in Wheat Breeding Lines. Phytopathology, 2014, 104, 865-870.	2.2	37
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4860	QTL analysis of genetic loci affecting domestication-related spike characters in common wheat. Genes and Genetic Systems, 2014, 89, 121-131.	0.7	12
4861	Genetic linkage map construction and QTL identification of juvenile growth traits in <i> Torreya grandis </i> . BMC Genetics, 2014, 15, S2.	2.7	17
4862	Identification and Characterization of the <i> SnTox6-Snn6 </i> Interaction in the <i> Parastagonospora nodorum </i> Wheat Pathosystem. Molecular Plant-Microbe Interactions, 2015, 28, 615-625.	2.6	85
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4864	Mapping of <i> SrTm4 </i> , a Recessive Stem Rust Resistance Gene from Diploid Wheat Effective to Ug99. Phytopathology, 2015, 105, 1347-1354.	2.2	27
4865	Fine mapping of <i> Hch1 </i> , the causal D-genome gene for hybrid chlorosis in interspecific crosses between tetraploid wheat and <i> Aegilops tauschii </i> . Genes and Genetic Systems, 2015, 90, 283-291.	0.7	4

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4879	Dynamic QTL mapping for plant height in Upland cotton (<i>Gossypium hirsutum</i>). Plant Breeding, 2015, 134, 703-712.	1.9	26
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4892	Accelerated Senescence and Enhanced Disease Resistance in Hybrid Chlorosis Lines Derived from Interspecific Crosses between Tetraploid Wheat and <i>Aegilops tauschii</i> . PLoS ONE, 2015, 10, e0121583.	2.5	20
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4897	Genetic Map Construction and Quantitative Trait Locus (QTL) Detection of Six Economic Traits Using an F2 Population of the Hybrid from <i>Saccharina longissima</i> and <i>Saccharina japonica</i> . PLoS ONE, 2015, 10, e0128588.	2.5	11
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4900	Partial Dominance, Overdominance and Epistasis as the Genetic Basis of Heterosis in Upland Cotton (<i>Gossypium hirsutum</i> L.). PLoS ONE, 2015, 10, e0143548.	2.5	51
4901	Suitability and use of two molecular markers to track race-specific resistance striga gesnerioides in cowpea (<i>Vigna unguiculata</i> (L.) Walp.). African Journal of Biotechnology, 2015, 14, 2179-2190.	0.6	5

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4903	Characterization and genetic mapping of <i>ect1</i> (<i>ect1-ym1</i>), a cutin deficient barley mutant with impaired leaf water retention capacity. <i>Breeding Science</i> , 2015, 65, 327-332.	1.9	13
4904	Detection of QTLs for white-back and basal-white grains caused by high temperature during ripening period in <i> japonica</i> rice. <i>Breeding Science</i> , 2015, 65, 216-225.	1.9	33
4905	Identification and Fine Mapping of a Mutation Conferring Salt Sensitivity in Rice (<i>Oryza sativa</i>) Tj ETQq1 1.0, 784314, 115 BT / Ove	1.8	11
4906	Quantitative trait locus mapping of deep rooting by linkage and association analysis in rice. <i>Journal of Experimental Botany</i> , 2015, 66, 4749-4757.	4.8	100
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4908	Genetic fine mapping and candidate gene analysis of the <i>Gossypium hirsutum</i> Ligon lintless-1 (<i>Li1</i>) mutant on chromosome 22(D). <i>Molecular Genetics and Genomics</i> , 2015, 290, 2199-2211.	2.1	12
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4910	Statistical Physics Methods Provide the Exact Solution to a Long-Standing Problem of Genetics. <i>Physical Review Letters</i> , 2015, 114, 238101.	7.8	5
4911	QTLs for Shoot Length and Chlorophyll Content of Rice Seedlings Grown under Low-Temperature Conditions, using a Cross between <i>Indica</i> and <i>Japonica</i> Cultivars. <i>Plant Production Science</i> , 2015, 18, 128-136.	2.0	11
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4914	Development and characterization of a co-dominant molecular marker via sequence analysis of a genomic region containing the Female (F) locus in cucumber (<i>Cucumis sativus</i> L.). <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	14
4915	QTL mapping of carrot resistance to leaf blight with connected populations: stability across years and consequences for breeding. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2177-2187.	3.6	26
4916	Identification and introgression of QTLs implicated in resistance to sorghum downy mildew (<i>Peronosclerospora sorghi</i> (Weston and Uppal) C. G. Shaw) in maize through marker-assisted selection. <i>Journal of Genetics</i> , 2015, 94, 741-748.	0.7	16
4917	Fine mapping of DTH3b, a minor heading date QTL potentially functioning upstream of Hd3a and RFT1 under long-day conditions in rice. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	5
4918	TaqSH1-D, wheat ortholog of rice seed shattering gene qSH1, maps to the interval of a rachis fragility QTL on chromosome 3DL of common wheat (<i>Triticum aestivum</i>). <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 979-984.	1.6	14
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4921	Fine mapping and characterization of Sr21, a temperature-sensitive diploid wheat resistance gene effective against the <i>Puccinia graminis</i> f. sp. <i>tritici</i> Ug99 race group. <i>Theoretical and Applied Genetics</i> , 2015, 128, 645-656.	3.6	56
4922	Increased lodging resistance in long-culm, low-lignin <i>gh2</i> rice for improved feed and bioenergy production. <i>Scientific Reports</i> , 2014, 4, 6567.	3.3	68
4923	Three novel alleles of FLOURY ENDOSPERM2 (FLO2) confer dull grains with low amylose content in rice. <i>Plant Science</i> , 2015, 233, 44-52.	3.6	41
4924	Development of transcriptome shotgun assembly-derived markers in bunching onion (<i>Allium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	2.1	27
4925	Characterization of Epistatic Interaction of QTLs LH8 and EH3 Controlling Heading Date in Rice. <i>Scientific Reports</i> , 2014, 4, 4263.	3.3	57
4926	Construction of a genetic map for pearl millet, <i>Pennisetum glaucum</i> (L.) R. Br., using a genotyping-by-sequencing (GBS) approach. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	39
4927	Genetic mapping of the nulliplex-branch gene (<i>gb_nb1</i>) in cotton using next-generation sequencing. <i>Theoretical and Applied Genetics</i> , 2015, 128, 539-547.	3.6	63
4928	Genetic and Biochemical Evaluation of Natural Rubber from Eastern Washington Prickly Lettuce (<i>Lactuca serriola</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 593-602.	5.2	19
4929	Fine mapping and pyramiding of brown planthopper resistance genes QBph3 and QBph4 in an introgression line from wild rice <i>O. officinalis</i> . <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	38
4930	qEL7.2 is a pleiotropic QTL for kernel number per row, ear length and ear weight in maize (<i>Zea mays</i> L.). <i>Euphytica</i> , 2015, 203, 429-436.	1.2	18
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4933	Single-nucleotide polymorphism identification and genotyping in <i>Camelina sativa</i> . <i>Molecular Breeding</i> , 2015, 35, 35.	2.1	36
4934	Genetic analysis for canopy architecture in an F2:3 population derived from two-type foundation parents across multi-environments. <i>Euphytica</i> , 2015, 205, 421-440.	1.2	24
4935	Molecular mapping of Asian soybean rust resistance in Chinese and Japanese soybean lines, Xiao Jing Huang, Himeshirazu, and Iyodaizu B. <i>Euphytica</i> , 2015, 205, 311-324.	1.2	21
4936	QTL analyses for anther length and dehiscence at flowering as traits for the tolerance of extreme temperatures in rice (<i>Oryza sativa</i> L.). <i>Euphytica</i> , 2015, 203, 629-642.	1.2	29
4937	Molecular mapping and validation of the microsatellite markers linked to the <i>Secale cereale</i> -derived leaf rust resistance gene Lr45 in wheat. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	22

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4938	Loss of function of OsMADS3 via the insertion of a novel retrotransposon leads to recessive male sterility in rice (<i>Oryza sativa</i>). <i>Plant Science</i> , 2015, 238, 188-197.	3.6	14
4939	A single base substitution in BADH/AMADH is responsible for fragrance in cucumber (<i>Cucumis sativus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	3.6	38
4940	Pedigree-based linkage map in two genetic groups of oil palm. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	8
4941	Quantitative trait loci analysis of lateral shoot growth in tomato. <i>Scientia Horticulturae</i> , 2015, 192, 117-124.	3.6	1
4942	Fine mapping of powdery mildew resistance genes PmTb7A.1 and PmTb7A.2 in <i>Triticum boeoticum</i> (Boiss.) using the shotgun sequence assembly of chromosome 7AL. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2099-2111.	3.6	11
4943	Chromosome-anchored QTL conferring aluminum tolerance in hexaploid oat. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	4
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4946	Confirming a major QTL and finding additional loci responsible for field resistance to brown spot (<i>Bipolaris oryzae) in rice. <i>Breeding Science</i> , 2015, 65, 170-175.	1.9	19
4947	Characterization and fine mapping of thermo-sensitive chlorophyll deficit mutant1 in rice (<i>Oryza sativa L.). <i>Breeding Science</i> , 2015, 65, 161-169.	1.9	31
4948	Validation of molecular markers for marker-assisted pyramiding of white rust resistance loci in Indian Mustard (<i>Brassica juncea L.). <i>Canadian Journal of Plant Science</i> , 2015, 95, 939-945.	0.9	14
4949	Genetic analysis and molecular mapping of QTLs for resistance to rice black-streaked dwarf disease in rice. <i>Scientific Reports</i> , 2015, 5, 10509.	3.3	23
4950	Genetic Linkage Maps and Homology Study of Backcross Families of German Faba Bean (<i>Vicia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	3
4952	Genetic analysis of rhizomatousness and its relationship with vegetative branching of recombinant inbred lines of <i>Sorghum bicolor Å— <i>S. propinquum. <i>American Journal of Botany</i> , 2015, 102, 718-724.	1.7	31
4953	Molecular mapping of five soybean genes involved in male-sterility, female-sterility. <i>Genome</i> , 2015, 58, 143-149.	2.0	10
4954	Mapping of the loci controlling the resistance to <i>Pyrenophora teres</i> f. <i>teres</i> and <i>Cochliobolus sativus</i> in two double haploid barley populations. <i>Russian Journal of Genetics: Applied Research</i> , 2015, 5, 242-253.	0.4	21
4955	Marker-Assisted Plant Breeding: Principles and Practices. , 2015, , .		112
4956	Genetic dissection of earliness by analysis of a recombinant chromosome substitution double haploid mapping population of bread wheat (<i>Triticum aestivum</i> L.) in different geographic regions. <i>Euphytica</i> , 2015, 206, 191-202.	1.2	3

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4957	Comparative genetic mapping revealed powdery mildew resistance gene MIWE4 derived from wild emmer is located in same genomic region of Pm36 and MI3D232 on chromosome 5BL. Journal of Integrative Agriculture, 2015, 14, 603-609.	3.5	11
4958	Genetic analysis and molecular mapping of a high threshold and low temperature-sensitive mutant in rice (<i>Oryza sativa</i> L.) at the seedling stage. Euphytica, 2015, 203, 71-82.	1.2	4
4959	Fine mapping of a major quantitative trait locus, qLG-9, that controls seed longevity in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	3.6	36
4960	CaAP2 transcription factor is a candidate gene for a flowering repressor and a candidate for controlling natural variation of flowering time in <i>Capsicum annuum</i> . Theoretical and Applied Genetics, 2015, 128, 1073-1082.	3.6	16
4961	The Co-4 locus on chromosome Pv08 contains a unique cluster of 18 COK-4 genes and is regulated by immune response in common bean. Theoretical and Applied Genetics, 2015, 128, 1193-1208.	3.6	40
4962	A near-isogenic line (NIL) collection in diploid strawberry and its use in the genetic analysis of morphologic, phenotypic and nutritional characters. Theoretical and Applied Genetics, 2015, 128, 1261-1275.	3.6	22
4963	QTL mapping for yield and yield-contributing traits in sorghum (<i>Sorghum bicolor</i> (L.) Moench) with genome-based SSR markers. Euphytica, 2015, 203, 17-31.	1.2	42
4964	Genetic mapping of resistance to <i>Diuraphis noxia</i> (Kurdjumov) biotype 2 in wheat (<i>Triticum aestivum</i> L.) accession CI2401. Euphytica, 2015, 203, 607-614.	1.2	15
4965	Precision QTL mapping of downy mildew resistance in hop (<i>Humulus lupulus</i> L.). Euphytica, 2015, 202, 487-498.	1.2	29
4966	Geographic and genetic identification of RppS, a novel locus conferring broad resistance to southern corn rust disease in China. Euphytica, 2015, 205, 17-23.	1.2	29
4967	Development of a platform for breeding by design of CMS lines based on an SSSL library in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	1.2	19
4968	Identification of stable QTLs controlling fiber traits properties in multi-environment using recombinant inbred lines in Upland cotton (<i>Gossypium hirsutum</i> L.). Euphytica, 2015, 205, 877-888.	1.2	79
4969	Mapping of quantitative trait loci for Melon yellow spot virus resistance in cucumber (<i>Cucumis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	1.2	12
4970	Mapping of a major gene for the slow ripening character in peach: co-location with the maturity date gene and development of a candidate gene-based diagnostic marker for its selection. Euphytica, 2015, 205, 627-636.	1.2	72
4971	Fine mapping of RBG2, a quantitative trait locus for resistance to <i>Burkholderia glumae</i> , on rice chromosome 1. Molecular Breeding, 2015, 35, 15.	2.1	12
4972	Molecular dissection of developmental behavior of tiller number and the relationship with effective panicle using indica-japonica introgression lines in rice. Molecular Breeding, 2015, 35, 1.	2.1	16
4973	Chromosome mapping of four novel mutants in bread wheat (<i>Triticum aestivum</i> L.). Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	4
4974	Identification of QTL underlying physiological and morphological traits of flag leaf in barley. BMC Genetics, 2015, 16, 29.	2.7	43

#	ARTICLE	IF	CITATIONS
4975	Analysis of Quantitative Trait Loci (QTL) for Grain Yield and Agronomic Traits in Wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 2030-2040.	1.8	19
4976	Resistance to wheat yellow mosaic virus in Madsen wheat is controlled by two major complementary QTLs. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1569-1578.	3.6	25
4977	Mapping resistant QTLs for rice sheath blight disease with a doubled haploid population. <i>Journal of Integrative Agriculture</i> , 2015, 14, 801-810.	3.5	21
4978	Genetics and molecular mapping of stem rust resistance in bread wheat line WR95. <i>Euphytica</i> , 2015, 205, 869-875.	1.2	5
4979	Genetic architecture of variation in heading date among Asian rice accessions. <i>BMC Plant Biology</i> , 2015, 15, 115.	3.6	43
4980	Quantitative trait loci associated with constitutive traits control water use in pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.]. <i>Plant Biology</i> , 2015, 17, 1073-1084.	3.8	22
4981	Development of <i>Gossypium anomalum</i> -derived microsatellite markers and their use for genome-wide identification of recombination between the <i>G. anomalum</i> and <i>G. hirsutum</i> genomes. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1531-1540.	3.6	13
4982	Quantitative trait locus analysis and fine mapping of the qPL6 locus for panicle length in rice. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1151-1161.	3.6	35
4983	qEMF3, a novel QTL for the early-morning flowering trait from wild rice, <i>Oryza officinalis</i> , to mitigate heat stress damage at flowering in rice, <i>O. sativa</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 1227-1236.	4.8	118
4984	qAC2, a novel QTL that interacts with Wx and controls the low amylose content in rice (<i>Oryza sativa</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 7	3.6	27
4985	Confirmation of delayed canopy wilting QTLs from multiple soybean mapping populations. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2047-2065.	3.6	38
4986	Genome-wide insertion-deletion (InDel) marker discovery and genotyping for genomics-assisted breeding applications in chickpea. <i>DNA Research</i> , 2015, 22, 377-386.	3.4	53
4987	A novel allele of monoecious (m) locus is responsible for elongated fruit shape and perfect flowers in cucumber (<i>Cucumis sativus</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 2483-2493.	3.6	67
4988	Dearth of polymorphism associated with a sustained response to selection for flowering time in maize. <i>BMC Evolutionary Biology</i> , 2015, 15, 103.	3.2	18
4989	GACD: Integrated Software for Genetic Analysis in Clonal F ₁ and Double Cross Populations. <i>Journal of Heredity</i> , 2015, 106, esv080.	2.4	19
4990	Fine mapping of a palea defective 1 (pd1), a locus associated with palea and stamen development in rice. <i>Plant Cell Reports</i> , 2015, 34, 2151-2159.	5.6	7
4991	Fine mapping of S37, a locus responsible for pollen and embryo sac sterility in hybrids between <i>Oryza sativa</i> L. and <i>O. glaberrima</i> Steud. <i>Plant Cell Reports</i> , 2015, 34, 1885-1897.	5.6	14
4992	Identification of QTLs and possible candidate genes conferring sheath blight resistance in rice (<i>Oryza</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 7	1.2	53

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4993	Enhancement of tocopherols in sweet corn by marker-assisted backcrossing of ZmVTE4. <i>Euphytica</i> , 2015, 206, 513-521.	1.2	40
4994	The Long (and Sometimes Endless) Road to Murine Lupus Genes. <i>Journal of Immunology</i> , 2015, 195, 4043-4046.	0.8	7
4995	Multiple Avirulence Loci and Allele-Specific Effector Recognition Control the <i>Pm3</i> Race-Specific Resistance of Wheat to Powdery Mildew. <i>Plant Cell</i> , 2015, 27, tpc.15.00171.	6.6	135
4996	Identification of <i>QTL</i> controlling high levels of partial resistance to <i>Fusarium solani</i> f. sp. <i>pisi</i> in pea. <i>Plant Breeding</i> , 2015, 134, 446-453.	1.9	30
4997	Linkage mapping, molecular cloning and functional analysis of soybean gene <i>Fg3</i> encoding flavonol 3-O-glucoside/galactoside (1- α -glucosyltransferase). <i>BMC Plant Biology</i> , 2015, 15, 126.	3.6	30
4998	Chiba Tendril-Less locus determines tendril organ identity in melon (<i>Cucumis melo</i> L.) and potentially encodes a tendril-specific TCP homolog. <i>Journal of Plant Research</i> , 2015, 128, 941-951.	2.4	25
4999	Physiological characterisation and fine mapping of a salt-tolerant mutant in rice (<i>Oryza sativa</i>). <i>Functional Plant Biology</i> , 2015, 42, 1026.	2.1	22
5000	Hybrid seedling inviability locus (<i>Hls1</i>) mapped on linkage group 4 of the Japanese flowering cherry, <i>Cerasus</i> — <i>yedoensis</i> ‘Somei-yoshino’™. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	6
5001	Identification and mapping stripe rust resistance gene <i>YrLM168a</i> using extreme individuals and recessive phenotype class in a complicate genetic background. <i>Molecular Genetics and Genomics</i> , 2015, 290, 2271-2278.	2.1	9
5002	A genetic linkage map with 178 SSR and 1 901 SNP markers constructed using a RIL population in wheat (<i>Triticum aestivum</i> L.). <i>Journal of Integrative Agriculture</i> , 2015, 14, 1697-1705.	3.5	5
5003	Multiple interval QTL mapping and searching for <i>PSTOL1</i> homologs associated with root morphology, biomass accumulation and phosphorus content in maize seedlings under low-P. <i>BMC Plant Biology</i> , 2015, 15, 172.	3.6	53
5004	Genetic analysis and chromosome mapping of a thermo-sensitive genic male sterile gene in wheat. <i>Euphytica</i> , 2015, 201, 321-327.	1.2	20
5006	Hybrid Breakdown Caused by Epistasis-Based Recessive Incompatibility in a Cross of Rice (<i>Oryza sativa</i>) Tj ETQq0 0.0 rgBT /Overlock 10	2.4	21
5007	Genetic mapping and validation of QTLs associated with resistance to <i>Calonectria</i> leaf blight caused by <i>Calonectria pteridis</i> in <i>Eucalyptus</i> . <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	10
5008	Mapping QTL for cotton fiber quality traits using simple sequence repeat markers, conserved intron-scanning primers, and transcript-derived fragments. <i>Euphytica</i> , 2015, 201, 215-230.	1.2	40
5009	Genetic mapping of QTL for maize weevil resistance in a RIL population of tropical maize. <i>Theoretical and Applied Genetics</i> , 2015, 128, 411-419.	3.6	32
5010	Chromosomal locations of a gene underlying heat-accelerated brown spot formation and its suppressor genes in rice. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1085-1094.	2.1	1
5011	Evaluation of spontaneous generation of allelic variation in soybean in response to sexual hybridization and stress. <i>Canadian Journal of Plant Science</i> , 2015, 95, 405-415.	0.9	5

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5012	Comparative Relationships and Chromosome Evolution in Switchgrass (<i>Panicum virgatum</i>) and Its Genomic Model, Foxtail Millet (<i>Setaria italica</i>). <i>Bioenergy Research</i> , 2015, 8, 137-151.	3.9	29
5013	QTL mapping for important horticultural traits in pepper (<i>Capsicum annuum</i> L.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 154-160.	1.7	21
5014	Genetic Linkage Map of Anatolian Durum Wheat Derived from a Cross of Kunduru-1149 × Cham1. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 209-220.	1.8	22
5015	Development of IRAP- and REMAP-derived SCAR markers for marker-assisted selection of the stripe rust resistance gene Yr15 derived from wild emmer wheat. <i>Theoretical and Applied Genetics</i> , 2015, 128, 211-219.	3.6	35
5016	Discovery and mapping of Brassica juncea Sdt 1 gene associated with determinate plant growth habit. <i>Theoretical and Applied Genetics</i> , 2015, 128, 235-245.	3.6	18
5017	Molecular mapping of Asian soybean rust resistance in soybean landraces <sc>PI</sc> 594767A, <sc>PI</sc> 587905 and <sc>PI</sc> 416764. <i>Plant Pathology</i> , 2015, 64, 147-156.	2.4	45
5018	Association of SNP markers with agronomic and quality traits of field pea in Italy. <i>Czech Journal of Genetics and Plant Breeding</i> , 2016, 52, 83-93.	0.8	15
5019	Bioinformatics Tools and Genomic Resources Available in Understanding the Structure and Function of <i>Gossypium</i> . , 2016, , .		4
5020	Influence of the Semi-Dwarf Growth Type on Seed Yield and Agronomic Parameters at Low and High Nitrogen Fertilization in Winter Oilseed Rape. <i>Crop Science</i> , 2016, 56, 1573-1585.	1.8	15
5021	Mapping a QTL conferring resistance to Fusarium head blight on chromosome 1B in winter wheat (<i>Triticum aestivum</i> L.). <i>Breeding Science</i> , 2016, 66, 668-675.	1.9	5
5022	Development of IP and SCAR markers linked to the yellow seed color gene in <i>Brassica juncea</i> L.. <i>Breeding Science</i> , 2016, 66, 175-180.	1.9	10
5023	Mapping of a major QTL associated with protein content on chromosome 2B in hard red winter wheat (<i>Triticum aestivum</i> L.). <i>Breeding Science</i> , 2016, 66, 471-480.	1.9	36
5024	Mapping QTLs for Fertility Restoration of Different Cytoplasmic Male Sterility Types in Rice Using Two<i> Oryza sativa × O. rufipogon</i> Backcross Inbred Line Populations. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	7
5025	Microsomal Omega-3 Fatty Acid Desaturase Genes in Low Linolenic Acid Soybean Line RG10 and Validation of Major Linolenic Acid QTL. <i>Frontiers in Genetics</i> , 2016, 7, 38.	2.3	13
5026	Confirmation of Single-Locus Sex Determination and Female Heterogamety in Willow Based on Linkage Analysis. <i>PLoS ONE</i> , 2016, 11, e0147671.	2.5	24
5027	Identification of Dw1, a Regulator of Sorghum Stem Internode Length. <i>PLoS ONE</i> , 2016, 11, e0151271.	2.5	109
5028	Mapping of a Novel Race Specific Resistance Gene to Phytophthora Root Rot of Pepper (<i>Capsicum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sequencing Strategy. <i>PLoS ONE</i> , 2016, 11, e0151401.	2.5	49
5029	Improvement of Rice Biomass Yield through QTL-Based Selection. <i>PLoS ONE</i> , 2016, 11, e0151830.	2.5	25

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5030	Genomics-assisted breeding in fruit trees. <i>Breeding Science</i> , 2016, 66, 100-115.	1.9	101
5031	Identification of a Candidate Gene for Panicle Length in Rice (<i>Oryza sativa</i> L.) Via Association and Linkage Analysis. <i>Frontiers in Plant Science</i> , 2016, 7, 596.	3.6	71
5032	Plant Genetic Background Increasing the Efficiency and Durability of Major Resistance Genes to Root-knot Nematodes Can Be Resolved into a Few Resistance QTLs. <i>Frontiers in Plant Science</i> , 2016, 7, 632.	3.6	21
5033	Gene Mapping of a Mutant Mungbean (<i>Vigna radiata</i> L.) Using New Molecular Markers Suggests a Gene Encoding a YUC4-like Protein Regulates the Chasmogamous Flower Trait. <i>Frontiers in Plant Science</i> , 2016, 7, 830.	3.6	21
5034	Genetic Analysis in Maize Foundation Parents with Mapping Population and Testcross Population: Ye478 Carried More Favorable Alleles and Using QTL Information Could Improve Foundation Parents. <i>Frontiers in Plant Science</i> , 2016, 7, 1417.	3.6	17
5035	Mapping Quantitative Trait Loci Controlling High Iron and Zinc Content in Self and Open Pollinated Grains of Pearl Millet [<i>Pennisetum glaucum</i> (L.) R. Br.]. <i>Frontiers in Plant Science</i> , 2016, 7, 1636.	3.6	77
5036	Nitric Oxide Overproduction in Tomato shr Mutant Shifts Metabolic Profiles and Suppresses Fruit Growth and Ripening. <i>Frontiers in Plant Science</i> , 2016, 7, 1714.	3.6	57
5037	Identification of Two Duplicated Loci Controlling a Disease-like Rugose Leaf Phenotype in Soybean. <i>Crop Science</i> , 2016, 56, 1611-1618.	1.8	4
5038	Novel Sources of Partial Resistance against <i>Phytophthora sojae</i> in Soybean PI 399036. <i>Crop Science</i> , 2016, 56, 2322-2335.	1.8	23
5039	Quantitative trait locus mapping of soybean maturity gene <i>E5</i> . <i>Breeding Science</i> , 2016, 66, 407-415.	1.9	56
5040	Fine mapping the QTL <i>qFSa-23</i> , using a CSIL. <i>Plant Breeding</i> , 2016, 135, 492-498.	1.9	0
5041	The Genetic Linkage Map of the Medicinal Mushroom <i>Agaricus subrufescens</i> Reveals Highly Conserved Macrosynteny with the Congeneric Species <i>Agaricus bisporus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1217-1226.	1.8	13
5042	Morphological characterization and molecular mapping of an irradiation-induced <i>Speckled</i> mutant in the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2016, 25, 93-104.	2.0	7
5043	Genetic Analysis and Molecular Mapping of a Stripe Rust Resistance Gene in Chinese Wheat Differential Guinong 22. <i>Journal of Phytopathology</i> , 2016, 164, 476-484.	1.0	9
5044	A high-density SNP genotyping array for <i>Brassica napus</i> and its ancestral diploid species based on optimised selection of single-locus markers in the allotetraploid genome. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1887-1899.	3.6	205
5045	Narrowing down the single homoeologous <i>FaPFRU</i> locus controlling flowering in cultivated octoploid strawberry using a selective mapping strategy. <i>Plant Biotechnology Journal</i> , 2016, 14, 2176-2189.	8.3	48
5046	Joint genetic and network analyses identify loci associated with root growth under NaCl stress in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 918-934.	5.7	53
5047	Dissection of the qTGW1.1 region into two tightly-linked minor QTLs having stable effects for grain weight in rice. <i>BMC Genetics</i> , 2016, 17, 98.	2.7	34

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5048	A Z-linked sterility locus causes sexual abstinence in hybrid females and facilitates speciation in <i>Spodoptera frugiperda</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1418-1427.	2.3	37
5049	Genome-wide recombination dynamics are associated with phenotypic variation in maize. <i>New Phytologist</i> , 2016, 210, 1083-1094.	7.3	88
5050	Mapping quantitative trait loci (QTLs) underlying seed vitamin E content in soybean with main, epistatic and QTL-environment effects. <i>Plant Breeding</i> , 2016, 135, 208-214.	1.9	10
5051	Quantitative trait loci (QTL) for reducing aflatoxin accumulation in corn. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	12
5052	Main Effect QTL with Dominance Determines Heterosis for Dynamic Plant Height in Upland Cotton. G3: Genes, Genomes, Genetics, 2016, 6, 3373-3379.	1.8	11
5053	Effects of Hd2 in the presence of the photoperiod-insensitive functional allele of Hd1 in rice. <i>Biology Open</i> , 2016, 5, 1719-1726.	1.2	12
5054	Genetic dissection of the developmental behavior of plant height in rice under different water supply conditions. <i>Journal of Integrative Agriculture</i> , 2016, 15, 2688-2702.	3.5	11
5055	Linkage map construction and QTL mapping for cold tolerance in <i>Oryza rufipogon</i> Griff. at early seedling stage. <i>Journal of Integrative Agriculture</i> , 2016, 15, 2703-2711.	3.5	9
5056	Differentially expressed genes in the locus associated with relative kidney weight and resting blood pressure in hypertensive rats of the ISIAH strain. <i>Molecular Biology</i> , 2016, 50, 831-838.	1.3	1
5057	The Sorghum Gene for Leaf Color Changes upon Wounding (<i>P</i>) Encodes a Flavanone 4-Reductase in the 3-Deoxyanthocyanidin Biosynthesis Pathway. G3: Genes, Genomes, Genetics, 2016, 6, 1439-1447.	1.8	36
5058	Homeobox Is Pivotal for OsWUS Controlling Tiller Development and Female Fertility in Rice. G3: Genes, Genomes, Genetics, 2016, 6, 2013-2021.	1.8	25
5059	Genome-wide generation and use of informative intron-spanning and intron-length polymorphism markers for high-throughput genetic analysis in rice. <i>Scientific Reports</i> , 2016, 6, 23765.	3.3	19
5060	Genetic mapping and confirmation of quantitative trait loci for grain chalkiness in rice. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	17
5061	Molecular mapping and characterization of the silkworm apodal mutant. <i>Scientific Reports</i> , 2016, 6, 18956.	3.3	4
5062	The B-, G- and S-genomic Chi genes in family Triticeae. <i>Biologia Plantarum</i> , 2016, 60, 279-284.	1.9	3
5063	Molecular basis of the high-palmitic acid trait in sunflower seed oil. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	9
5064	Genetic analysis and molecular mapping of a stripe rust resistance gene in wheat <i>Triticum aestivum</i> translocation line M8926-2. <i>Crop Protection</i> , 2016, 86, 17-23.	2.1	8
5065	Inheritance and Molecular Mapping of an All-Stage Stripe Rust Resistance Gene Derived from the Chinese Common Wheat Landrace <i>Xizongtuomai</i> . <i>Journal of Heredity</i> , 2016, 107, 463-470.	2.4	16

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5066	Molecular mapping of stripe rust resistance gene YrHu derived from <i>Psathyrostachys huashanica</i> . <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	23
5067	Identification and validation of QTLs controlling multiple traits in sorghum. <i>Crop and Pasture Science</i> , 2016, 67, 193.	1.5	13
5068	Mapping of quantitative trait loci for bolting time in bunching onion (<i>Allium fistulosum</i> L.). <i>Euphytica</i> , 2016, 209, 537-546.	1.2	7
5069	Genetic analysis and molecular mapping of seedling survival drought tolerance gene in lentil (<i>Lens</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	18
5070	Multiple QTL Determine Dorsal Abdominal Scale Patterns in the Mosquito <i>Aedes aegypti</i> . <i>Journal of Heredity</i> , 2016, 107, 438-444.	2.4	4
5071	Detection and validation of one stable fiber strength QTL on c9 in tetraploid cotton. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1625-1638.	2.1	19
5072	Fine mapping of the dialytic gene that controls multicellular trichome formation and stamen development in tomato. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1531-1539.	3.6	14
5073	Mapping of three QTLs for seed setting and analysis on the candidate gene for qSS-1 in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	1
5074	Mapping genes for resistance to bacterial blight (<i>Pseudomonas syringae</i> pv. <i>pisi</i>) in pea and identification of genes involved in resistance by DeepsuperSAGE transcriptome profiling. <i>Euphytica</i> , 2016, 210, 375-392.	1.2	4
5075	Genetic Analysis and QTL Detection on Fiber Traits Using Two Recombinant Inbred Lines and Their Backcross Populations in Upland Cotton. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2717-2724.	1.8	45
5076	Mapping QTLs for stomatal density and size under drought stress in wheat (<i>Triticum aestivum</i> L.). <i>Journal of Integrative Agriculture</i> , 2016, 15, 1955-1967.	3.5	26
5077	Genetic mapping of male pheromone response in the European corn borer identifies candidate genes regulating neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6401-E6408.	7.1	20
5078	Soybean proteins GmTic110 and GmPsbP are crucial for chloroplast development and function. <i>Plant Science</i> , 2016, 252, 76-87.	3.6	16
5079	Identification and fine mapping of <i>lemma-distortion1</i> , a single recessive gene playing an essential role in the development of lemma in rice. <i>Journal of Agricultural Science</i> , 2016, 154, 989-1001.	1.3	2
5080	A Genetic Map Between <i>Gossypium hirsutum</i> and the Brazilian Endemic <i>G. mustelinum</i> and Its Application to QTL Mapping. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1673-1685.	1.8	19
5081	Quantitative trait loci (QTL) controlling plant architecture traits in a <i>Solanum lycopersicum</i> × <i>S. pimpinellifolium</i> cross. <i>Euphytica</i> , 2016, 211, 353-367.	1.2	9
5082	Cloning and characterization of soybean gene Fg1 encoding flavonol 3-O-glucoside/galactoside (1â†'6) glucosyltransferase. <i>Plant Molecular Biology</i> , 2016, 92, 445-456.	3.9	27
5083	Fine mapping and genetic association analysis of Net2, the causative D-genome locus of low temperature-induced hybrid necrosis in interspecific crosses between tetraploid wheat and <i>Aegilops tauschii</i> . <i>Genetica</i> , 2016, 144, 523-533.	1.1	9

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5084	Molecular Mapping of High Resistance to Bacterial Leaf Spot in Lettuce PI 358001-1. <i>Phytopathology</i> , 2016, 106, 1319-1325.	2.2	9
5085	Phenotypic variation analysis and QTL mapping for cotton (<i>Gossypium hirsutum</i> L.) fiber quality grown in different cotton-producing regions. <i>Euphytica</i> , 2016, 211, 169-183.	1.2	26
5086	Mapping of male sterility gene <i>ms10</i> in chilli pepper (<i>Capsicum annum</i> L.). <i>Plant Breeding</i> , 2016, 135, 531-535.	1.9	13
5087	The locus for resistance to Asian soybean rust in PI 587855. <i>Plant Breeding</i> , 2016, 135, 621-626.	1.9	22
5088	Isolation and Characterization of an Aluminum-resistant Mutant in Rice. <i>Rice</i> , 2016, 9, 60.	4.0	15
5089	Marker development using SLAF-seq and whole-genome shotgun strategy to fine-map the semi-dwarf gene <i>ari-e</i> in barley. <i>BMC Genomics</i> , 2016, 17, 911.	2.8	27
5090	SNP-based high density genetic map and mapping of <i>btwd1</i> dwarfing gene in barley. <i>Scientific Reports</i> , 2016, 6, 31741.	3.3	29
5091	Genetic analysis of Upland cotton dynamic heterosis for boll number per plant at multiple developmental stages. <i>Scientific Reports</i> , 2016, 6, 35515.	3.3	20
5092	Mapping QTLs for hybrid sterility in three AA genome wild species of <i>Oryza</i> . <i>Breeding Science</i> , 2016, 66, 367-371.	1.9	11
5093	Sorghum <i>Dw1</i> , an agronomically important gene for lodging resistance, encodes a novel protein involved in cell proliferation. <i>Scientific Reports</i> , 2016, 6, 28366.	3.3	81
5094	Advanced Backcross Quantitative Trait Locus Analysis of Fiber Elongation in a Cross between <i>Gossypium hirsutum</i> and <i>G. mustelinum</i> . <i>Crop Science</i> , 2016, 56, 1760-1768.	1.8	12
5095	Tightly clustered markers linked to an apospory-related gene region and quantitative trait loci mapping for agronomic traits in <i>Brachiaria</i> hybrids. <i>Grassland Science</i> , 2016, 62, 69-80.	1.1	45
5096	Genetic and Evolutionary Analysis of Purple Leaf Sheath in Rice. <i>Rice</i> , 2016, 9, 8.	4.0	54
5097	Spore behaviors reveal a category of mating-competent infertile heterokaryons in the offspring of the medicinal fungus <i>Agaricus subrufescens</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 781-796.	3.6	9
5098	Identification of major QTLs and epistatic interactions for seed protein concentration in soybean under multiple environments based on a high-density map. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	19
5099	A major QTL and a candidate gene for heading date in an early maturing rice mutant induced by gamma ray irradiation. <i>Genes and Genomics</i> , 2016, 38, 747-756.	1.4	2
5100	Characterization and fine mapping of <i>osh15(t)</i> , a novel dwarf mutant gene in rice (<i>Oryza sativa</i> L.). <i>Genes and Genomics</i> , 2016, 38, 849-856.	1.4	3
5101	Genetic mapping and QTL analysis of agronomic traits in Indian <i>Mucuna pruriens</i> using an intraspecific F2 population. <i>Journal of Genetics</i> , 2016, 95, 35-44.	0.7	3

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5104	Development of new SSR markers for homoeologous WFZP gene loci based on the study of the structure and location of microsatellites in gene-rich regions of chromosomes 2AS, 2BS, and 2DS in bread wheat. <i>Russian Journal of Genetics: Applied Research</i> , 2016, 6, 330-337.	0.4	3
5105	Major Chromosomal Rearrangements Distinguish Willow and Poplar After the Ancestral Salicoid Genome Duplication. <i>Genome Biology and Evolution</i> , 2016, 8, 1868-1875.	2.5	30
5106	Substituting nuclear genome of <i>Brassica juncea</i> (L.) Czern & Coss. In cytoplasmic background of <i>Brassica fruticulosa</i> results in cytoplasmic male sterility. <i>Euphytica</i> , 2016, 209, 31-40.	1.2	16
5107	Hydroxycinnamate Synthesis and Association with Mediterranean Corn Borer Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 539-551.	5.2	19
5108	Partial Dominance, Overdominance, Epistasis and QTL by Environment Interactions Contribute to Heterosis in Two Upland Cotton Hybrids. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 499-507.	1.8	39
5109	Identification of a major Quantitative Trait Locus determining resistance to the organophosphate temephos in the dengue vector mosquito <i>Aedes aegypti</i> . <i>Genomics</i> , 2016, 107, 40-48.	2.9	17
5110	Identification of haplotypes at the Rsv4 genomic region in soybean associated with durable resistance to soybean mosaic virus. <i>Theoretical and Applied Genetics</i> , 2016, 129, 453-468.	3.6	37
5111	Identification of QTLs controlling low-temperature germination of the East European rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.2	31
5112	Analytical and Decision Support Tools for Genomics-Assisted Breeding. <i>Trends in Plant Science</i> , 2016, 21, 354-363.	8.8	70
5113	Molecular mapping of a rust resistance gene R 14 in cultivated sunflower line PH 3. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	21
5114	Cell length instead of cell number becomes the predominant factor contributing to hypocotyl length genotypic differences under abiotic stress in <i>Medicago truncatula</i> . <i>Physiologia Plantarum</i> , 2016, 156, 108-124.	5.2	10
5115	The genome sequences of <i>Arachis duranensis</i> and <i>Arachis ipaensis</i> , the diploid ancestors of cultivated peanut. <i>Nature Genetics</i> , 2016, 48, 438-446.	21.4	761
5116	Exploring almond genetic variability useful for peach improvement: mapping major genes and QTLs in two interspecific almond—peach populations. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	56
5117	Quantitative Trait Loci Mapping in Plants: Concepts and Approaches. <i>Sustainable Development and Biodiversity</i> , 2016, , 31-59.	1.7	22
5118	Quantitative trait loci analysis of the time of floral initiation in tomato. <i>Scientia Horticulturae</i> , 2016, 201, 199-210.	3.6	4
5119	Natural variation in flavonol accumulation in <i>Arabidopsis</i> is determined by the flavonol glucosyltransferase BGLU6. <i>Journal of Experimental Botany</i> , 2016, 67, 1505-1517.	4.8	67
5120	Candidate gene prediction for a petal degeneration mutant, pdm, of the Chinese cabbage (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	2.1	31

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5123	A genetic linkage map of coffee (<i>Coffea arabica</i> L.) and QTL for yield, plant height, and bean size. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	1.6	37
5124	Genetic Mapping of Resistance to <i>Meloidogyne arenaria</i> in <i>Arachis stenosperma</i> : A New Source of Nematode Resistance for Peanut. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 377-390.	1.8	46
5125	Detection of QTL for exudation rate at ripening stage in rice and its contribution to hydraulic conductance. <i>Plant Science</i> , 2016, 242, 270-277.	3.6	4
5126	Genetic mapping and molecular marker development for the gene Pre2 controlling purple grains in barley. <i>Euphytica</i> , 2016, 208, 215-223.	1.2	9
5127	Seedling root QTLs analysis on dynamic development and upon nitrogen deficiency stress in Upland cotton. <i>Euphytica</i> , 2016, 207, 645-663.	1.2	16
5128	Toward a better understanding of the genomic region harboring Fusarium head blight resistance QTL Qfhs.ndsu-3AS in durum wheat. <i>Theoretical and Applied Genetics</i> , 2016, 129, 31-43.	3.6	24
5129	Mapping quantitative trait loci for root development under hypoxia conditions in soybean (<i>Glycine</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	38
5130	Validation of qGS10, a quantitative trait locus for grain size on the long arm of chromosome 10 in rice (<i>Oryza sativa</i> L.). <i>Journal of Integrative Agriculture</i> , 2017, 16, 16-26.	3.5	17
5131	Novel <i>Wx</i> alleles induced by chemical mutagens in rice, <i>Oryza sativa</i> L.. <i>Plant Breeding</i> , 2017, 136, 206-213.	1.9	5
5132	Molecular mapping of a stripe rust resistance gene in Chinese wheat landrace ‘Hejiangyiza’ using SSR, RGAP, TRAP, and SRAP markers. <i>Crop Protection</i> , 2017, 94, 178-184.	2.1	7
5133	Mapping and application of the twin-grain1 gene in rice. <i>Planta</i> , 2017, 245, 707-716.	3.2	3
5134	The genetic map comparator: a user-friendly application to display and compare genetic maps. <i>Bioinformatics</i> , 2017, 33, 1387-1388.	4.1	17
5135	Identification of the <i>QTL</i> underlying the vitamin E content of soybean seeds. <i>Plant Breeding</i> , 2017, 136, 147-154.	1.9	5
5136	Identification of QTL underlying soybean agglutinin content in soybean seeds and analysis for epistatic effects among multiple genetic backgrounds and environments. <i>Canadian Journal of Plant Science</i> , 2017, , .	0.9	1
5137	Gene coding for an elongation factor is involved in resistance against powdery mildew in common bean. <i>Theoretical and Applied Genetics</i> , 2017, 130, 849-860.	3.6	10
5138	QTL mapping of bread wheat (<i>Triticum aestivum</i> L.) grown under controlled conditions of an agroecobiological testing ground. <i>Russian Journal of Plant Physiology</i> , 2017, 64, 48-58.	1.1	6

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5140	Isolation and characterization of Aconitate hydratase 4 (Aco4) from soybean. <i>Canadian Journal of Plant Science</i> , 2017, , .	0.9	1
5141	A comparison of different algorithms for phasing haplotypes using Holstein cattle genotypes and pedigree data. <i>Journal of Dairy Science</i> , 2017, 100, 2837-2849.	3.4	20
5143	Dissection of the genetic architecture for soybean seed weight across multiple environments. <i>Crop and Pasture Science</i> , 2017, 68, 358.	1.5	14
5144	A new soybean rust resistance allele from PI 423972 at the Rpp4 locus. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	9
5145	Molecular mapping of the genomic region conferring resistance to soybean stem canker in Hutcheson soybean. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	2
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5147	Identification of quantitative trait loci underlying seed protein content of soybean including main, epistatic, and QTL Å— environment effects in different regions of Northeast China. <i>Genome</i> , 2017, 60, 649-655.	2.0	15
5148	Understanding the inheritance of mungbean yellow mosaic virus (MYMV) resistance in mungbean (<i>Vigna radiata</i> L. Wilczek). <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	15
5149	Genetic analysis of the slow-melting flesh character in peach. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	31
5150	Identification of quantitative trait loci for resistance to rice black-streaked dwarf virus disease and small brown planthopper in rice. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	18
5151	Genetic analysis and molecular mapping of stripe rust resistance genes in Chinese native wheat (<i>Triticum aestivum</i>) Lankao 5. <i>Australasian Plant Pathology</i> , 2017, 46, 213-221.	1.0	4
5152	Identification of quantitative trait loci underlying lutein content in soybean seeds across multiple environments. <i>Journal of Agricultural Science</i> , 2017, 155, 1263-1271.	1.3	5
5153	Identification and marker-assisted transfer of a new powdery mildew resistance gene at the Pm4 locus in common wheat. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	17
5154	Duplication and Loss of Function of Genes Encoding RNA Polymerase III Subunit C4 Causes Hybrid Incompatibility in Rice. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2565-2575.	1.8	36
5155	Fine mapping and candidate gene analysis of qFL-chr1, a fiber length QTL in cotton. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1309-1319.	3.6	33
5156	Fine mapping of powdery mildew resistance gene PmTm4 in wheat using comparative genomics. <i>Journal of Integrative Agriculture</i> , 2017, 16, 540-550.	3.5	17
5157	Genome-wide association studies with proteomics data reveal genes important for synthesis, transport and packaging of globulins in legume seeds. <i>New Phytologist</i> , 2017, 214, 1597-1613.	7.3	38

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5159	Dissection of genetic architecture for oil content in soybean seed using two backcross populations. Plant Breeding, 2017, 136, 365-371.	1.9	1
5160	Linkage map construction and QTL identification of P-deficiency tolerance in <i>Oryza rufipogon</i> Griff. at early seedling stage. Euphytica, 2017, 213, 1.	1.2	8
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5167	Development of RAPD and ISSR derived SCAR markers linked to Xca1Bo gene conferring resistance to black rot disease in cauliflower (<i>Brassica oleracea</i> var. botrytis L.). Euphytica, 2017, 213, 1.	1.2	13
5168	Genetic dissection of grain traits in Yamadanishiki, an excellent sake-brewing rice cultivar. Theoretical and Applied Genetics, 2017, 130, 2567-2585.	3.6	13
5169	Genetic Maps and Whole Genome Sequences of Radish. Compendium of Plant Genomes, 2017, , 31-42.	0.5	7
5170	Identification and mapping of a new powdery mildew resistance allele in the Chinese wheat landrace Hongyoumai. Molecular Breeding, 2017, 37, 1.	2.1	13
5171	Breeding Avenues in Fruit Crops for Imparting Resistance Against Insect Pests. , 2017, , 289-322.		0
5172	Cytogenetic analysis and mapping of leaf rust resistance in <i>Aegilops speltoides</i> Tausch derived bread wheat line Selection2427 carrying putative gametocidal gene(s). Genome, 2017, 60, 1076-1085.	2.0	7
5173	Applications of NGS Data. , 2017, , 195-229.		1
5174	Expression of brown-midrib in a spontaneous sorghum mutant is linked to a 5â€²-UTR deletion in lignin biosynthesis gene SbCAD2. Scientific Reports, 2017, 7, 11664.	3.3	11
5175	Dissection of the genetic architecture for tassel branch number by QTL analysis in two related populations in maize. Journal of Integrative Agriculture, 2017, 16, 1432-1442.	3.5	14

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5177	Identification of QTLs for rice flower opening time in two environments. <i>Euphytica</i> , 2017, 213, 1.	1.2	4
5178	Identification and molecular mapping of <i>indica</i> high-tillering dwarf mutant <i>htd4</i> , a mild phenotype allelic mutant of <i>D14</i> in rice (<i>Oryza sativa</i> L.). <i>Plant Biology</i> , 2017, 19, 851-858.	3.8	8
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5181	Extreme Suppression of Lateral Floret Development by a Single Amino Acid Change in the VRS1 Transcription Factor. <i>Plant Physiology</i> , 2017, 175, 1720-1731.	4.8	49
5182	SSR-enriched genetic linkage maps of bermudagrass (<i>Cynodon dactylon</i> — <i>transvaalensis</i>), and their comparison with allied plant genomes. <i>Theoretical and Applied Genetics</i> , 2017, 130, 819-839.	3.6	12
5183	Identification and validation of major QTLs and epistatic interactions for seed oil content in soybeans under multiple environments based on a high-density map. <i>Euphytica</i> , 2017, 213, 1.	1.2	14
5184	Genetics and mapping of a new leaf rust resistance gene in <i>Triticum aestivum</i> L. — <i>Triticum timopheevii</i> Zhuk. derivative — Selection G12™. <i>Journal of Genetics</i> , 2017, 96, 291-297.	0.7	16
5185	PERGOLA: fast and deterministic linkage mapping of polyploids. <i>BMC Bioinformatics</i> , 2017, 18, 12.	2.6	32
5186	Construction of high-resolution recombination maps in Asian seabass. <i>BMC Genomics</i> , 2017, 18, 63.	2.8	26
5187	A QTL with Major Effect on Reducing Stripe Rust Severity Detected From a Chinese Wheat Landrace. <i>Plant Disease</i> , 2017, 101, 1533-1539.	1.4	11
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5189	Genotyping-by-sequencing approaches to characterize crop genomes: choosing the right tool for the right application. <i>Plant Biotechnology Journal</i> , 2017, 15, 149-161.	8.3	240
5190	Molecular mapping of a quantitative trait locus <i>STV11</i> ^{<i>Z</i>} harbouring rice stripe virus resistance gene, <i>Stv6</i> . <i>Plant Breeding</i> , 2017, 136, 61-66.	1.9	5
5191	Fine Mapping of a New Race-Specific Blast Resistance Gene, <i>Pi-hk2</i> , in <i>Japonica</i> Heikezijing from Taihu Region of China. <i>Phytopathology</i> , 2017, 107, 84-91.	2.2	4
5192	Mapping QTL for stay-green and agronomic traits in wheat under diverse water regimes. <i>Euphytica</i> , 2017, 213, 1.	1.2	83
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5195	Identification and characterization of regulatory network components for anthocyanin synthesis in barley aleurone. BMC Plant Biology, 2017, 17, 184.	3.6	39
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5198	Quantitative trait loci analysis of grain appearance in <i>Oryza sativa</i> L. “Emi-no-kizuna”™. Breeding Science, 2017, 67, 421-426.	1.9	2
5199	Improvement of seed shattering and dormancy in <i>Oryza sativa</i> L. “Hokuriku 193”™ based on genetic information. Breeding Science, 2017, 67, 173-180.	1.9	1
5200	Genetic analysis and fine mapping of the RK4 gene for round kernel in rice (<i>Oryza sativa</i> L.). Czech Journal of Genetics and Plant Breeding, 2017, 53, 153-158.	0.8	1
5201	QTL Mapping for Yield and Resistance against Mediterranean Corn Borer in Maize. Frontiers in Plant Science, 2017, 8, 698.	3.6	20
5202	Fine Mapping of QTLs for Ascochyta Blight Resistance in Pea Using Heterogeneous Inbred Families. Frontiers in Plant Science, 2017, 8, 765.	3.6	35
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5211	Identification of quantitative trait loci underlying seed oil content of soybean including main, epistatic and QTLA—environment effects in different regions of Northeast China. Crop and Pasture Science, 2017, 68, 625.	1.5	7
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5214	Genetics and Molecular Mapping of Heat Tolerance for Seedling Survival and Pod Set in Lentil. <i>Crop Science</i> , 2017, 57, 3059-3067.	1.8	31
5215	A Novel Phytophthora sojae Resistance Rps12 Gene Mapped to a Genomic Region That Contains Several Rps Genes. <i>PLoS ONE</i> , 2017, 12, e0169950.	2.5	68
5216	Mapping and Genetic Structure Analysis of the Anthracnose Resistance Locus Co-1HY in the Common Bean (<i>Phaseolus vulgaris</i> L.). <i>PLoS ONE</i> , 2017, 12, e0169954.	2.5	36
5217	Fine Mapping and Candidate Gene Analysis of the Tiller Suppression Gene ts1 in Rice. <i>PLoS ONE</i> , 2017, 12, e0170574.	2.5	7
5218	Molecular mapping of the grain iron and zinc concentration, protein content and thousand kernel weight in wheat (<i>Triticum aestivum</i> L.). <i>PLoS ONE</i> , 2017, 12, e0174972.	2.5	91
5219	New statistical methods for estimation of recombination fractions in F2 population. <i>BMC Bioinformatics</i> , 2017, 18, 404.	2.6	1
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5221	Panicle blast 1 (Pb1) resistance is dependent on at least four QTLs in the rice genome. <i>Rice</i> , 2017, 10, 36.	4.0	19
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5225	Genetic and Chemical Analysis of Deep Purple Flower in Soybean. <i>Crop Science</i> , 2017, 57, 1893-1898.	1.8	2
5226	Identification of quantitative trait loci underlying fatty acid content of soybean (<i>Glycine max</i>), including main, epistatic and QTLA—environment effects across multiple environments. <i>Crop and Pasture Science</i> , 2017, 68, 842.	1.5	2
5227	Fine mapping of <i>qSKC-1</i> , a major quantitative trait locus for shoot K ⁺ concentration, in rice seedlings grown under salt stress. <i>Breeding Science</i> , 2017, 67, 286-295.	1.9	11
5228	QTL mapping to anthracnose leaf blight resistance in tropical maize. <i>Crop Breeding and Applied Biotechnology</i> , 2017, 17, 390-398.	0.4	2
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5232	Rapid identification of a stripe rust resistant gene in a space-induced wheat mutant using specific locus amplified fragment (SLAF) sequencing. <i>Scientific Reports</i> , 2018, 8, 3086.	3.3	54
5233	Adult plant leaf rust resistance derived from the wheat landrace cultivar Americano 44d is conditioned by interaction of three QTL. <i>Euphytica</i> , 2018, 214, 1.	1.2	10
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5235	Characterization of a new Pm2 allele associated with broad-spectrum powdery mildew resistance in wheat line Subtil. <i>Scientific Reports</i> , 2018, 8, 475.	3.3	14
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5237	Genetic mapping of a lobed-leaf gene associated with salt tolerance in <i>Brassica napus</i> L.. <i>Plant Science</i> , 2018, 269, 75-84.	3.6	9
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5240	Current Status and Future Prospects of Next-Generation Data Management and Analytical Decision Support Tools for Enhancing Genetic Gains in Crops. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2018, 164, 277-292.	1.1	4
5241	Inheritance and gene mapping of the white flower trait in <i>Brassica juncea</i> . <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	9
5242	Identification of quantitative trait loci underlying seed shape in soybean across multiple environments. <i>Journal of Agricultural Science</i> , 2018, 156, 3-12.	1.3	5
5243	QTL Identification and Mapping in Soft Spring Wheat (<i>Triticum aestivum</i> L.) under Controlled Agroecological and Biological Testing Area Conditions with and without Nitrogen Fertilizer. <i>Russian Journal of Plant Physiology</i> , 2018, 65, 123-135.	1.1	4
5244	Large effect quantitative trait loci for salicinoid phenolic glycosides in <i>Populus</i> : Implications for gene discovery. <i>Ecology and Evolution</i> , 2018, 8, 3726-3737.	1.9	6
5245	Chromosome-level assembly, genetic and physical mapping of <i>Phalaenopsis aphrodite</i> genome provides new insights into species adaptation and resources for orchid breeding. <i>Plant Biotechnology Journal</i> , 2018, 16, 2027-2041.	8.3	73
5246	Identification of a novel QTL for the number of spikelets per panicle using a cross between indica and japonica high yielding rice cultivars in Japan. <i>Plant Breeding</i> , 2018, 137, 109-117.	1.9	9
5247	Mapping of new quantitative trait loci for sudden death syndrome and soybean cyst nematode resistance in two soybean populations. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1047-1062.	3.6	13
5248	Integrating genetic analysis and crop modeling: A major QTL can finely adjust photoperiod-sensitive sorghum flowering. <i>Field Crops Research</i> , 2018, 221, 7-18.	5.1	11

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5249	Identification and Validation of a New Source of Low Grain Cadmium Accumulation in Durum Wheat. G3: Genes, Genomes, Genetics, 2018, 8, 923-932.	1.8	19
5250	A major locus for resistance to Botryosphaeria dothidea in Prunus. Tree Genetics and Genomes, 2018, 14, 1.	1.6	15
5251	Haplotype-based allele mining in the Japan-MAGIC rice population. Scientific Reports, 2018, 8, 4379.	3.3	23
5252	Minor-effect QTL for heading date detected in crosses between indica rice cultivar Teqing and near isogenic lines of IR24. Crop Journal, 2018, 6, 291-298.	5.2	11
5253	Fine mapping of the root-knot nematode resistance gene Me1 in pepper (Capsicum annuum L.) and development of markers tightly linked to Me1. Molecular Breeding, 2018, 38, 1.	2.1	24
5254	Genome-wide analysis of allele frequency change in sunflower crop-wild hybrid populations evolving under natural conditions. Molecular Ecology, 2018, 27, 233-247.	3.9	18
5255	Adult Plant Leaf Rust Resistance Derived from Toropi Wheat is Conditioned by <i>Lr78</i> and Three Minor QTL. Phytopathology, 2018, 108, 246-253.	2.2	58
5256	QTL mapping of downy and powdery mildew resistances in PI 197088 cucumber with genotyping-by-sequencing in RIL population. Theoretical and Applied Genetics, 2018, 131, 597-611.	3.6	86
5257	Gene mapping and transcriptome profiling of a practical photo-thermo-sensitive rice male sterile line with seedling-specific green-reversible albino leaf. Plant Science, 2018, 266, 37-45.	3.6	15
5258	Natural variation in photoperiodic flowering pathway and identification of photoperiod-insensitive accessions in wild wheat, <i>Aegilops tauschii</i> . Euphytica, 2018, 214, 1.	1.2	5
5259	Identification and mapping of <i>ts</i> (tender spines), a gene involved in soft spine development in <i>Cucumis sativus</i> . Theoretical and Applied Genetics, 2018, 131, 1-12.	3.6	38
5260	Genetic mapping reveals a dominant awn-inhibiting gene related to differentiation of the variety <i>anathera</i> in the wild diploid wheat <i>Aegilops tauschii</i> . Genetica, 2018, 146, 75-84.	1.1	16
5261	Molecular mapping of quantitative trait loci for agronomical traits in soybean under Asian soybean rust infection. Crop Breeding and Applied Biotechnology, 2018, 18, 390-398.	0.4	3
5262	Quantitative trait loci associated with short inter-node length in soybean. Breeding Science, 2018, 68, 554-560.	1.9	13
5263	Selection of Transcripts Affecting Initial Growth Rate of Rice Backcrossed Inbred Lines Using RNA Sequencing Data. Frontiers in Plant Science, 2018, 9, 1880.	3.6	2
5264	gmRAD: an integrated SNP calling pipeline for genetic mapping with RADseq across a hybrid population. Briefings in Bioinformatics, 2018, , .	6.5	4
5265	Chromosomal location and mapping of quantitative trait locus determining technological parameters of grain and flour in strong-flour bread wheat cultivar saratovskaya 29. Cereal Research Communications, 2018, 46, 628-638.	1.6	5
5266	Expressional and positional candidate genes for resistance to <i>Peyronellaea pinodes</i> in pea. Euphytica, 2018, 214, 1.	1.2	3

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5267	A genetic system on chromosome arm 1BL of wild emmer causes distorted segregation in common wheat. <i>Journal of Genetics</i> , 2018, 97, 1421-1431.	0.7	1
5268	Mapping five novel interspecific hybrid sterility loci between <i>Oryza sativa</i> and <i>Oryza meridionalis</i> . <i>Breeding Science</i> , 2018, 68, 516-523.	1.9	9
5269	Quantitative trait locus mapping for seed artificial aging traits using an F 2:3 population and a recombinant inbred line population crossed from two highly related maize inbreds. <i>Plant Breeding</i> , 2018, 138, 29.	1.9	15
5270	RNA Sequencing-Based Bulk Segregant Analysis Facilitates Efficient D-genome Marker Development for a Specific Chromosomal Region of Synthetic Hexaploid Wheat. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3749.	4.1	11
5271	QTL mapping for resistance to Cucurbit chlorotic yellows virus in melon (<i>Cucumis melo</i> L.). <i>Euphytica</i> , 2018, 214, 1.	1.2	7
5272	Cytological characterization and molecular mapping of a novel recessive genic male sterility in sesame (<i>Sesamum indicum</i> L.). <i>PLoS ONE</i> , 2018, 13, e0204034.	2.5	8
5273	Genetics and mapping of the novel leaf-colour mutant gene. <i>Crop and Pasture Science</i> , 2018, 69, 955-965.	1.5	6
5274	Mapping of quantitative trait loci associated with rice black-streaked dwarf virus disease and its insect vector in rice (<i>Oryza sativa</i> L.). <i>Plant Breeding</i> , 2018, 137, 698-705.	1.9	11
5275	Identification of genomic regions regulating ammonium-dependent inhibition of primary root length in <i>Arabidopsis thaliana</i> . <i>Soil Science and Plant Nutrition</i> , 2018, 64, 746-751.	1.9	5
5276	Adult Plant Leaf Rust Resistance Derived from the Soft Red Winter Wheat Cultivar "Caldwell" Maps to Chromosome 3BS. <i>Crop Science</i> , 2018, 58, 152-158.	1.8	34
5277	Identification and Mapping of Late Blight Resistance Quantitative Trait Loci in Tomato Accession PI 163245. <i>Plant Genome</i> , 2018, 11, 180007.	2.8	11
5278	Abiotic Stress Tolerance in Rice (<i>Oryza sativa</i> L.): A Genomics Perspective of Salinity Tolerance. , 0, , .		3
5279	Er3 gene, conferring resistance to powdery mildew in pea, is located in pea LGIV. <i>Euphytica</i> , 2018, 214, 1.	1.2	21
5280	A follow-up study for biomass yield QTLs in rice. <i>PLoS ONE</i> , 2018, 13, e0206054.	2.5	5
5281	Heat Stress Tolerance in Rice (<i>Oryza sativa</i> L.): Identification of Quantitative Trait Loci and Candidate Genes for Seedling Growth Under Heat Stress. <i>Frontiers in Plant Science</i> , 2018, 9, 1578.	3.6	98
5282	Soybean Breeding on Seed Composition Trait. , 2018, , .		0
5283	Plant Genetics and Molecular Biology. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2018, , .	1.1	6
5284	Molecular mapping of aluminium resistance loci based on root re-growth and Al-induced fluorescent signals (callose accumulation) in lentil (<i>Lens culinaris</i> Medikus). <i>Molecular Biology Reports</i> , 2018, 45, 2103-2113.	2.3	7

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5285	Subtropical adaptation of a temperate plant (<i>Brassica oleracea</i> var. <i>italica</i>) utilizes non-vernalization-responsive QTLs. <i>Scientific Reports</i> , 2018, 8, 13609.	3.3	28
5286	Locating QTLs controlling overwintering seedling rate in perennial glutinous rice 89-1 (<i>Oryza sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	6
5287	Mapping of quantitative trait loci related to primary rice root growth as a response to inoculation with <i>Azospirillum</i> sp. strain B510. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-6.	1.4	3
5288	QTL mapping for some grain traits in bread wheat (<i>Triticum aestivum</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 909-920.	3.1	39
5289	QTL Analysis for Grain Iron and Zinc Concentrations in Two <i>O. nivara</i> Derived Backcross Populations. <i>Rice Science</i> , 2018, 25, 197-207.	3.9	66
5290	Inheritance and Molecular Mapping of Tight-placenta Gene and Seed Traits in Chinese Hami Melon "Queen"™. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 788-794.	1.0	3
5291	Identification and dissection of single seed weight QTLs by analysis of seed yield components in soybean. <i>Breeding Science</i> , 2018, 68, 177-187.	1.9	12
5292	Identification and characterization of Rht25, a locus on chromosome arm 6AS affecting wheat plant height, heading time, and spike development. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2021-2035.	3.6	94
5293	A novel QTL qSPP2.2 controlling spikelet per panicle identified from <i>Oryza longistaminata</i> (A. Chev. et) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	9
5294	Common Bean Subtelomeres Are Hot Spots of Recombination and Favor Resistance Gene Evolution. <i>Frontiers in Plant Science</i> , 2018, 9, 1185.	3.6	54
5295	On the Origin of the Non-brittle Rachis Trait of Domesticated Einkorn Wheat. <i>Frontiers in Plant Science</i> , 2017, 8, 2031.	3.6	58
5296	Genome-Based Prediction of Time to Curd Induction in Cauliflower. <i>Frontiers in Plant Science</i> , 2018, 9, 78.	3.6	15
5297	AtHMA4 Drives Natural Variation in Leaf Zn Concentration of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 270.	3.6	20
5298	QTLs underlying the genetic interrelationship between efficient compatibility of <i>Bradyrhizobium</i> strains with soybean and genistein secretion by soybean roots. <i>PLoS ONE</i> , 2018, 13, e0194671.	2.5	14
5299	UGbS-Flex, a novel bioinformatics pipeline for imputation-free SNP discovery in polyploids without a reference genome: finger millet as a case study. <i>BMC Plant Biology</i> , 2018, 18, 117.	3.6	54
5300	Inheritance and Genetic Mapping of the Reduced Height (Rht18) Gene in Wheat. <i>Plants</i> , 2018, 7, 58.	3.5	13
5301	Genetic dissection of pre-harvest sprouting resistance in an upland rice cultivar. <i>Breeding Science</i> , 2018, 68, 200-209.	1.9	15
5302	SNP genotyping reveals major QTLs for plant architectural traits between A-genome peanut wild species. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1477-1491.	2.1	7

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5303	Mapping Grain Iron and Zinc Content Quantitative Trait Loci in an Iniadi-Derived Immortal Population of Pearl Millet. <i>Genes</i> , 2018, 9, 248.	2.4	61
5304	A novel QTL associated with rice canopy temperature difference affects stomatal conductance and leaf photosynthesis. <i>Breeding Science</i> , 2018, 68, 305-315.	1.9	23
5305	Genotyping Tools for the Octoploid Strawberry. <i>Compendium of Plant Genomes</i> , 2018, , 115-127.	0.5	0
5306	An EMS-induced new sequence variant, TEMS5032, in the coding region of SRS3 gene leads to shorter grain length in rice (<i>Oryza sativa</i> L.). <i>Journal of Applied Genetics</i> , 2018, 59, 377-389.	1.9	1
5307	Genetic Mapping of Quantitative Trait Loci for Grain Yield under Drought in Rice under Controlled Greenhouse Conditions. <i>Frontiers in Chemistry</i> , 2017, 5, 129.	3.6	43
5308	Low pyrrolizidine alkaloid levels in perennial ryegrass is associated with the absence of a homospermidine synthase gene. <i>BMC Plant Biology</i> , 2018, 18, 56.	3.6	6
5309	Validation and Fine Mapping a Multifunction Region <i>qPCG10</i> / <i>qDC10</i> Conferring Chalkiness and Grain Shape of Rice. <i>Crop Science</i> , 2018, 58, 639-649.	1.8	4
5310	Marker-assisted backcrossing of <i>lcyE</i> for enhancement of <i>proA</i> in sweet corn. <i>Euphytica</i> , 2018, 214, 1.	1.2	26
5311	The Genetics of a Behavioral Speciation Phenotype in an Island System. <i>Genes</i> , 2018, 9, 346.	2.4	16
5312	Genomic Approaches for Micronutrients Biofortification of Rice. , 2018, , 245-260.		5
5313	Genetics and molecular mapping of a novel purple blotch-resistant gene <i>ApR1</i> in onion (<i>Allium cepa</i> L.) using STS and SSR markers. <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	11
5314	The Genomic Architecture of a Rapid Island Radiation: Recombination Rate Variation, Chromosome Structure, and Genome Assembly of the Hawaiian Cricket <i>Laupala</i> . <i>Genetics</i> , 2018, 209, 1329-1344.	2.9	32
5315	A Backcross Line of Thatcher Wheat with Adult Plant Leaf Rust Resistance Derived from Duster Wheat has <i>Lr46</i> and <i>Lr77</i> . <i>Phytopathology</i> , 2019, 109, 127-132.	2.2	10
5316	Gene Mapping. , 2019, , 242-250.		3
5317	QTL mapping of photosynthetic-related traits in rice under salt and alkali stresses. <i>Euphytica</i> , 2019, 215, 1.	1.2	13
5318	Genetic mapping of the <i>Ph</i> gene conferring disease resistance to black shank in tobacco. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	7
5319	Developmental Pleiotropy Shaped the Roots of the Domesticated Common Bean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1	4.8	32
5320	Next generation long-culm rice with superior lodging resistance and high grain yield, Monster Rice 1. <i>PLoS ONE</i> , 2019, 14, e0221424.	2.5	26

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5321	Genetic studies for breeding of rice cultivars with superior grain appearance and lodging resistance from the rice cultivar “Emi-no-kizuna”™. <i>Plant Production Science</i> , 2019, 22, 546-553.	2.0	0
5322	Late flowering in F1 hybrid rice brought about by the complementary effect of quantitative trait loci. <i>Genetica</i> , 2019, 147, 351-358.	1.1	2
5323	QTL Mapping of Diffuse Reflectance Indices of Leaves in Hexaploid Bread Wheat (<i>Triticum aestivum</i> L.). <i>Russian Journal of Plant Physiology</i> , 2019, 66, 77-86.	1.1	5
5324	Identification of favorable alleles for rice seedling anoxic tolerance using natural and bi-parental populations. <i>Euphytica</i> , 2019, 215, 1.	1.2	2
5325	Thatcher wheat line RL6149 carries Lr64 and a second leaf rust resistance gene on chromosome 1DS. <i>Theoretical and Applied Genetics</i> , 2019, 132, 2809-2814.	3.6	36
5326	Fine mapping and identification of the rice blast-resistance locus Pi-kf2(t) as a new member of the Pi2/Pi9 multigene family. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	3
5327	Two types of mutations in the HEUKCHEEM gene functioning in cucumber spine color development can be used as signatures for cucumber domestication. <i>Planta</i> , 2019, 250, 1491-1504.	3.2	7
5328	Inheritance and molecular mapping of restorer-of-fertility (Rf) gene in A ₂ hybrid system in pigeonpea (<i>Cajanus cajan</i>). <i>Plant Breeding</i> , 2019, 138, 741-747.	1.9	9
5329	Molecular mapping of a novel male-sterile gene msNJ in soybean [<i>Glycine max</i> (L.) Merr.]. <i>Plant Reproduction</i> , 2019, 32, 371-380.	2.2	18
5330	Evaluation of the resistance effect of QTLs derived from wild soybean (<i>Glycine soja</i>) to common cutworm (<i>Spodoptera litura</i> ; Fabricius). <i>Breeding Science</i> , 2019, 69, 529-535.	1.9	8
5331	Surveillance of panicle positions by unmanned aerial vehicle to reveal morphological features of rice. <i>PLoS ONE</i> , 2019, 14, e0224386.	2.5	6
5332	Morphological, cytological, and genetic analyses of the “sango” mutant with the defects in basidiocarp development in edible mushroom <i>Pleurotus pulmonarius</i> . <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	0
5333	Fine mapping of a locus presumably involved in hybrid inviability (<i>Hls-1</i>) between flowering cherry cultivar <i>Cerasus</i> — <i>yedoensis</i> “Somei-yoshino”™ and its wild relative <i>C. spachiana</i> . <i>Breeding Science</i> , 2019, 69, 658-664.	1.9	3
5334	Identification of a New Powdery Mildew Resistance Gene <i>pmDHT</i> at or Closely Linked to the <i>Pm5</i> Locus in the Chinese Wheat Landrace Dahongtou. <i>Plant Disease</i> , 2019, 103, 2645-2651.	1.4	28
5335	Mutation in a PHD-finger protein MS4 causes male sterility in soybean. <i>BMC Plant Biology</i> , 2019, 19, 378.	3.6	19
5336	Mapping of QTL for aluminum tolerance in tropical maize. <i>Crop Breeding and Applied Biotechnology</i> , 2019, 19, 86-94.	0.4	4
5337	Research Article Identification of SSR markers linked to partial resistance to soybean rust in Brazil from crosses using the resistant genotype IAC 100. <i>Genetics and Molecular Research</i> , 2019, 18, .	0.2	1
5338	Molecular mapping of stripe rust resistance gene YrH9017 in wheat- <i>Psathyrostachys huashanica</i> introgression line H9017-14-16-5-3. <i>Journal of Integrative Agriculture</i> , 2019, 18, 108-114.	3.5	29

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5339	Characterization and fine mapping of <i>nonstop glumes 2</i> (<i>nsg2</i>) mutant in rice (<i>Oryza</i>) Tj ETQq0 0.0rgBT /Oyerlock 10	1.0	1
5340	The Relationship between Farm Size and Productivity in Agriculture: Evidence from Maize Production in Northern China. <i>American Journal of Agricultural Economics</i> , 2019, 101, 790-806.	4.3	94
5341	Correcting Pervasive Errors in Genotypic Datasets to Develop Genetic Maps. <i>Agronomy</i> , 2019, 9, 196.	3.0	1
5342	Genome-wide polymorphisms from RNA sequencing assembly of leaf transcripts facilitate phylogenetic analysis and molecular marker development in wild einkorn wheat. <i>Molecular Genetics and Genomics</i> , 2019, 294, 1327-1341.	2.1	12
5343	Characterization of Pm65, a new powdery mildew resistance gene on chromosome 2AL of a facultative wheat cultivar. <i>Theoretical and Applied Genetics</i> , 2019, 132, 2625-2632.	3.6	43
5344	The tomato WV gene encoding a thioredoxin protein is essential for chloroplast development at low temperature and high light intensity. <i>BMC Plant Biology</i> , 2019, 19, 265.	3.6	8
5345	QTL analysis of delayed maize flowering in response to low phosphate across multi-environments. <i>Euphytica</i> , 2019, 215, 1.	1.2	5
5346	Genomic Designing of Climate-Smart Pulse Crops. , 2019, , .		5
5347	Grass Pea: Remodeling an Ancient Insurance Crop for Climate Resilience. , 2019, , 425-469.		11
5348	Construction of Genetic Linkage Maps in Multiparental Populations. <i>Genetics</i> , 2019, 212, 1031-1044.	2.9	11
5349	Cloning of a COBL gene determining brittleness in diploid wheat using a MapRseq approach. <i>Plant Science</i> , 2019, 285, 141-150.	3.6	12
5350	Characterization and Rapid Gene-Mapping of Leaf Lesion Mimic Phenotype of spl-1 Mutant in Soybean (<i>Glycine max</i> (L.) Merr.). <i>International Journal of Molecular Sciences</i> , 2019, 20, 2193.	4.1	23
5351	Integration of lodging resistance QTL in soybean. <i>Scientific Reports</i> , 2019, 9, 6540.	3.3	10
5352	Mutation in <i>EMB1923</i> gene promoter is associated with chlorophyll deficiency in Chinese cabbage (<i>Brassica campestris</i> ssp. <i>pekinensis</i>). <i>Physiologia Plantarum</i> , 2019, 166, 909-920.	5.2	21
5353	Twenty-four alleles at twelve quantitative trait loci act additively to control tiller angle in cultivated rice. <i>Plant Growth Regulation</i> , 2019, 88, 195-203.	3.4	4
5354	Detection of QTL for panicle architecture in F_2 population of rice. <i>Journal of Genetics</i> , 2019, 98, 1.	0.7	4
5355	Identification and application of major quantitative trait loci for panicle length in rice (<i>Oryza sativa</i>) through single-segment substitution lines. <i>Plant Breeding</i> , 2019, 138, 299-308.	1.9	9
5356	Genetic Evaluation of Exotic Chromatins from Two Obsolete Interspecific Introgression Lines of Upland Cotton for Fiber Quality Improvement. <i>Crop Science</i> , 2019, 59, 1073-1084.	1.8	8

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5357	Characterization and Gene Mapping of non-open hull 1 (noh1) Mutant in Rice (<i>Oryza sativa</i> L.). <i>Agronomy</i> , 2019, 9, 56.	3.0	4
5358	Maturity2, a novel regulator of flowering time in <i>Sorghum bicolor</i> , increases expression of SbPRR37 and SbCO in long days delaying flowering. <i>PLoS ONE</i> , 2019, 14, e0212154.	2.5	33
5359	The highly divergent Jekyll genes, required for sexual reproduction, are lineage specific for the related grass tribes Triticeae and Bromelae. <i>Plant Journal</i> , 2019, 98, 961-974.	5.7	7
5360	Genetic diversity between two Egyptian clover varieties and QTL analysis for some agro-morphological traits. <i>Molecular Biology Reports</i> , 2019, 46, 897-908.	2.3	3
5361	Deciphering the Genetics of Major End-Use Quality Traits in Wheat. G3: Genes, Genomes, Genetics, 2019, 9, 1405-1427.	1.8	11
5362	Construction of genetic linkage map and identification of QTLs related to agronomic traits in DH population of maize (<i>Zea mays</i> L.) using SSR markers. <i>Genes and Genomics</i> , 2019, 41, 667-678.	1.4	20
5363	Quality Breeding in Field Crops. , 2019, , .		4
5364	Genetic analysis of a unique "super soft"™ kernel texture phenotype in soft white spring wheat. <i>Journal of Cereal Science</i> , 2019, 85, 162-167.	3.7	15
5365	Mapping quantitative trait loci conferring resistance to Marssonina leaf spot disease in <i>Populus deltoides</i> . <i>Trees - Structure and Function</i> , 2019, 33, 697-706.	1.9	19
5366	Updating the Genome of the Elite Rice Variety Kongyu131 to Expand Its Ecological Adaptation Region. <i>Frontiers in Plant Science</i> , 2019, 10, 288.	3.6	9
5367	A missense mutation of STERILE APETALA leads to female sterility in Chinese cabbage (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34	2.2	5
5368	Unique fertility restoration suppressor genes for male-sterile CMS ANN2 and CMS ANN3 cytoplasm in sunflower (<i>Helianthus annuus</i> L.). <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	3
5369	Exploring sources of resistance to brown rot in an interspecific almond Ã— peach population. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4105-4113.	3.5	22
5370	Conventional and Molecular Breeding Approaches for Biofortification of Pearl Millet. , 2019, , 85-107.		5
5371	Sunflower and Climate Change: Possibilities of Adaptation Through Breeding and Genomic Selection. , 2019, , 173-238.		14
5372	Linkage Analysis and Haplotype Phasing in Experimental Autopolyploid Populations with High Ploidy Level Using Hidden Markov Models. G3: Genes, Genomes, Genetics, 2019, 9, 3297-3314.	1.8	75
5373	Quantitative trait loci (QTL) mapping for intermittent drought tolerance in BRB 191 SEQ 1027 Andean Intra-gene cross recombinant inbred line population of common bean (<i>Phaseolus vulgaris</i> L.).. <i>African Journal of Biotechnology</i> , 2019, 18, 452-461.	0.6	7
5374	High-resolution mapping of <i>GRH6</i>, a gene from <i>Oryza nivara</i> (Sharma) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	7

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5375	Four resistance alleles derived from <i>Oryza longistaminata</i> (A. Chev. & Roehrich) against green rice leafhopper, <i>Nephotettix cincticeps</i> (Uhler) identified using novel introgression lines. <i>Breeding Science</i> , 2019, 69, 573-584.	1.9	7
5376	Favorable Alleles of GRAIN-FILLING RATE1 Increase the Grain-Filling Rate and Yield of Rice. <i>Plant Physiology</i> , 2019, 181, 1207-1222.	4.8	30
5377	Identification of quantitative trait loci for panicle structure and grain filling using a cross between <i>indica</i> and <i>japonica</i> -type high-yielding rice cultivars. <i>Plant Production Science</i> , 2019, 22, 443-455.	2.0	5
5378	Genetic Analysis and Gene Mapping for a Short-Petiole Mutant in Soybean (<i>Glycine max</i> (L.) Merr.). <i>Agronomy</i> , 2019, 9, 709.	3.0	5
5379	Parallel genomic architecture underlies repeated sexual signal divergence in Hawaiian <i>Laupala</i> crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191479.	2.6	15
5380	Characterization and Fine Mapping of a Leaf Wilt Mutant, <i>m3</i> , Induced by Heavy Ion Irradiation of Rice. <i>Crop Science</i> , 2019, 59, 2679-2688.	1.8	5
5381	<i>De novo</i> construction of polyploid linkage maps using discrete graphical models. <i>Bioinformatics</i> , 2019, 35, 1083-1093.	4.1	11
5382	Mapping of dwarfing gene Rht14 in durum wheat and its effect on seedling vigor, internode length and plant height. <i>Crop Journal</i> , 2019, 7, 187-197.	5.2	18
5383	Construction of introgression lines of <i>Oryza rufipogon</i> and evaluation of important agronomic traits. <i>Theoretical and Applied Genetics</i> , 2019, 132, 543-553.	3.6	6
5384	Construction and evaluation of introgression lines and fine mapping of ehd8 from Jinghong common wild rice (<i>Oryza rufipogon</i>). <i>Plant Breeding</i> , 2019, 138, 163-173.	1.9	3
5385	A Megabase-Scale Deletion is Associated with Phenotypic Variation of Multiple Traits in Maize. <i>Genetics</i> , 2019, 211, 305-316.	2.9	6
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5389	Genetics and molecular mapping of gynocious (<i>F</i>) locus in cucumber (<i>Cucumis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td	1.9	15
5390	A palmitoyltransferase <i>Approximated</i> gene <i>Bm</i> regulates wing development in <i>Bombyx mori</i> . <i>Insect Science</i> , 2020, 27, 2-13.	3.0	15
5391	Inheritance of faba bean resistance to Broomrape, genetic diversity and QTL mapping analysis. <i>Molecular Biology Reports</i> , 2020, 47, 11-32.	2.3	8
5392	Molecular mapping of nuclear male-sterility gene <i>ms-1</i> in muskmelon (<i>Cucumis melo</i> L.). <i>Journal of Horticultural Science and Biotechnology</i> , 2020, 95, 162-168.	1.9	5

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5396	Characterization of the <i>Q.Ymym</i> region on wheat chromosome 2D associated with wheat yellow mosaic virus resistance. <i>Plant Breeding</i> , 2020, 139, 93-106.	1.9	3
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5405	Resynthesis: Marker-Based Partial Reconstruction of Elite Genotypes in Clonally-Reproducing Plant Species. <i>Frontiers in Plant Science</i> , 2020, 11, 1205.	3.6	5
5406	Identification of <i>qLG2</i> , <i>qLG8</i> , and <i>qWG2</i> as novel quantitative trait loci for grain shape and the allelic analysis in cultivated rice. <i>Planta</i> , 2020, 252, 18.	3.2	2
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5408	A Retrotransposon Insertion in <i>GhMML3_D12</i> Is Likely Responsible for the Lintless Locus <i>li3</i> of Tetraploid Cotton. <i>Frontiers in Plant Science</i> , 2020, 11, 593679.	3.6	6
5409	The loss of function of <i>HEL</i> , which encodes a cellulose synthase interactive protein, causes helical and vine-like growth of tomato. <i>Horticulture Research</i> , 2020, 7, 180.	6.3	6
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5413	Identification and Fine Mapping of Pi69(t), a New Gene Conferring Broad-Spectrum Resistance Against <i>Magnaporthe oryzae</i> From <i>Oryza glaberrima</i> Steud. <i>Frontiers in Plant Science</i> , 2020, 11, 1190.	3.6	12
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5422	Genetic analysis of anther culture response and identification of QTLs associated with response traits in wheat (<i>Triticum aestivum</i> L.). <i>Molecular Biology Reports</i> , 2020, 47, 9289-9300.	2.3	9
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5424	Cloning of long sterile lemma (lsl2), a single recessive gene that regulates spike germination in rice (<i>Oryza sativa</i> L.). <i>BMC Plant Biology</i> , 2020, 20, 561.	3.6	3
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5429	Mapping QTL conferring speckled snow mold resistance in winter wheat (<i>Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.9	4

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5431	A novel leaf rust resistance gene introgressed from <i>Aegilops markgrafii</i> maps on chromosome arm 2AS of wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2685-2694.	3.6	19
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