Thomas Wicker

List of Publications by Year in descending order

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117 papers

23,500 citations

59 h-index 20307 116 g-index

127 all docs

127 docs citations

times ranked

127

18451 citing authors

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Transposable Element Populations Shed Light on the Evolutionary History of Wheat and the Complex Coâ€Evolution of Autonomous and Nonâ€Autonomous Retrotransposons. Genetics & Genomics Next, 2022, 3, . | 0.8 | 12 |
| 2 | De Novo Genome Assembly of the Japanese Wheat Cultivar Norin 61 Highlights Functional Variation in Flowering Time and Fusarium-Resistant Genes in East Asian Genotypes. Plant and Cell Physiology, 2021, 62, 8-27. | 1.5 | 16 |
| 3 | A membrane-bound ankyrin repeat protein confers race-specific leaf rust disease resistance in wheat. Nature Communications, 2021, 12, 956. | 5.8 | 63 |
| 4 | Chromosome-scale genome assembly provides insights into rye biology, evolution and agronomic potential. Nature Genetics, 2021, 53, 564-573. | 9.4 | 138 |
| 5 | Defects in Cell Wall Differentiation of the Arabidopsis Mutant rol 1-2 Is Dependent on Cyclin-Dependent Kinase CDK8. Cells, 2021, 10, 685. | 1.8 | 3 |
| 6 | Alleles of a wallâ€associated kinase gene account for three of the major northern corn leaf blight resistance loci in maize. Plant Journal, 2021, 106, 526-535. | 2.8 | 23 |
| 7 | Long-read sequence assembly: a technical evaluation in barley. Plant Cell, 2021, 33, 1888-1906. | 3.1 | 180 |
| 8 | Wheat Pm4 resistance to powdery mildew is controlled by alternative splice variants encoding chimeric proteins. Nature Plants, 2021, 7, 327-341. | 4.7 | 85 |
| 9 | Comparative Transcriptome Analysis of Wheat Lines in the Field Reveals Multiple Essential Biochemical Pathways Suppressed by Obligate Pathogens. Frontiers in Plant Science, 2021, 12, 720462. | 1.7 | 14 |
| 10 | A population-level invasion by transposable elements triggers genome expansion in a fungal pathogen. ELife, 2021, 10, . | 2.8 | 49 |
| 11 | Domestication of High-Copy Transposons Underlays the Wheat Small RNA Response to an Obligate Pathogen. Molecular Biology and Evolution, 2020, 37, 839-848. | 3.5 | 21 |
| 12 | Multiple wheat genomes reveal global variation in modern breeding. Nature, 2020, 588, 277-283. | 13.7 | 513 |
| 13 | Fonio millet genome unlocks African orphan crop diversity for agriculture in a changing climate. Nature Communications, 2020, 11 , 4488 . | 5.8 | 63 |
| 14 | Cross-Kingdom RNAi of Pathogen Effectors Leads to Quantitative Adult Plant Resistance in Wheat. Frontiers in Plant Science, 2020, 11, 253. | 1.7 | 24 |
| 15 | The AvrPm3-Pm3 effector-NLR interactions control both race-specific resistance and host-specificity of cereal mildews on wheat. Nature Communications, 2019, 10, 2292. | 5.8 | 103 |
| 16 | The highly divergent Jekyll genes, required for sexual reproduction, are lineage specific for the related grass tribes Triticeae and Bromeae. Plant Journal, 2019, 98, 961-974. | 2.8 | 7 |
| 17 | The evolution of functional complexity within the \hat{l}^2 -amylase gene family in land plants. BMC Evolutionary Biology, 2019, 19, 66. | 3.2 | 47 |
| 18 | Mutations in the Arabidopsis ROL17/isopropylmalate synthase 1 locus alter amino acid content, modify the TOR network, and suppress the root hair cell development mutant lrx1. Journal of Experimental Botany, 2019, 70, 2313-2323. | 2.4 | 43 |

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|----------------------|---|--------------------------|---------------------------|
| 19 | Updated Genome Assembly and Annotation for <i>Metrosideros polymorpha</i> , an Emerging Model Tree Species of Ecological Divergence. G3: Genes, Genomes, Genetics, 2019, 9, 3513-3520. | 0.8 | 4 |
| 20 | TRITEX: chromosome-scale sequence assembly of Triticeae genomes with open-source tools. Genome Biology, 2019, 20, 284. | 3.8 | 179 |
| 21 | A chromosomeâ€scale genome assembly reveals a highly dynamic effector repertoire of wheat powdery mildew. New Phytologist, 2019, 221, 2176-2189. | 3.5 | 79 |
| 22 | Recent Activity in Expanding Populations and Purifying Selection Have Shaped Transposable Element Landscapes across Natural Accessions of the Mediterranean Grass Brachypodium distachyon. Genome Biology and Evolution, 2018, 10, 304-318. | 1.1 | 54 |
| 23 | Genomes of 13 domesticated and wild rice relatives highlight genetic conservation, turnover and innovation across the genus Oryza. Nature Genetics, 2018, 50, 285-296. | 9.4 | 413 |
| 24 | Comparative Transcriptomics Reveals How Wheat Responds to Infection by <i>Zymoseptoria tritici</i> Molecular Plant-Microbe Interactions, 2018, 31, 420-431. | 1.4 | 37 |
| 25 | Non-parent of Origin Expression of Numerous Effector Genes Indicates a Role of Gene Regulation in Host Adaption of the Hybrid Triticale Powdery Mildew Pathogen. Frontiers in Plant Science, 2018, 9, 49. | 1.7 | 33 |
| 26 | The Repetitive Landscape of the Barley Genome. Compendium of Plant Genomes, 2018, , 123-138. | 0.3 | 6 |
| 27 | Advances in Wheat and Pathogen Genomics: Implications for Disease Control. Annual Review of Phytopathology, 2018, 56, 67-87. | 3.5 | 66 |
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| 28 | The transcriptional landscape of polyploid wheat. Science, 2018, 361, . | 6.0 | 768 |
| 28 | The transcriptional landscape of polyploid wheat. Science, 2018, 361, . Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . | 6.0 | 768 2,424 |
| | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, | | |
| 29 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . Impact of transposable elements on genome structure and evolution in bread wheat. Genome Biology, | 6.0 | 2,424 |
| 30 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . Impact of transposable elements on genome structure and evolution in bread wheat. Genome Biology, 2018, 19, 103. Chromosome-scale comparative sequence analysis unravels molecular mechanisms of genome | 6.0 3.8 | 2,424 |
| 30 31 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . Impact of transposable elements on genome structure and evolution in bread wheat. Genome Biology, 2018, 19, 103. Chromosome-scale comparative sequence analysis unravels molecular mechanisms of genome dynamics between two wheat cultivars. Genome Biology, 2018, 19, 104. Rapid cloning of genes in hexaploid wheat using cultivar-specific long-range chromosome assembly. | 6.0 3.8 3.8 | 2,424 226 54 |
| 29 30 31 32 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . Impact of transposable elements on genome structure and evolution in bread wheat. Genome Biology, 2018, 19, 103. Chromosome-scale comparative sequence analysis unravels molecular mechanisms of genome dynamics between two wheat cultivars. Genome Biology, 2018, 19, 104. Rapid cloning of genes in hexaploid wheat using cultivar-specific long-range chromosome assembly. Nature Biotechnology, 2017, 35, 793-796. | 3.8 3.8 9.4 | 2,424 226 54 218 |
| 30 31 32 33 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . Impact of transposable elements on genome structure and evolution in bread wheat. Genome Biology, 2018, 19, 103. Chromosome-scale comparative sequence analysis unravels molecular mechanisms of genome dynamics between two wheat cultivars. Genome Biology, 2018, 19, 104. Rapid cloning of genes in hexaploid wheat using cultivar-specific long-range chromosome assembly. Nature Biotechnology, 2017, 35, 793-796. A chromosome conformation capture ordered sequence of the barley genome. Nature, 2017, 544, 427-433. <i>A chromosome conformation capture ordered sequence of the barley genome. Nature, 2017, 544, 427-433.</i> | 6.0 3.8 3.8 9.4 | 2,424 226 54 218 |

3

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|----|--|-----|-----------|
| 37 | Letting go: bacterial genome reduction solves the dilemma of adapting to predation mortality in a substrate-restricted environment. ISME Journal, 2017, 11, 2258-2266. | 4.4 | 14 |
| 38 | Characterization of Lr75: a partial, broad-spectrum leaf rust resistance gene in wheat. Theoretical and Applied Genetics, 2017, 130, 1-12. | 1.8 | 130 |
| 39 | Fine mapping of the chromosome 5B region carrying closely linked rust resistance genes Yr47 and Lr52 in wheat. Theoretical and Applied Genetics, 2017, 130, 495-504. | 1.8 | 34 |
| 40 | Rapid turnover of effectors in grass powdery mildew (Blumeria graminis). BMC Evolutionary Biology, 2017, 17, 223. | 3.2 | 52 |
| 41 | The repetitive landscape of the 5100 Mbp barley genome. Mobile DNA, 2017, 8, 22. | 1.3 | 49 |
| 42 | Reconstructing the Evolutionary History of Powdery Mildew Lineages (Blumeria graminis) at Different Evolutionary Time Scales with NGS Data. Genome Biology and Evolution, 2017, 9, 446-456. | 1.1 | 34 |
| 43 | Avirulence Genes in Cereal Powdery Mildews: The Gene-for-Gene Hypothesis 2.0. Frontiers in Plant Science, 2016, 7, 241. | 1.7 | 73 |
| 44 | Differentiation Among <i>Blumeria graminis</i> f. sp. <i>tritici</i> Isolates Originating from Wild Versus Domesticated <i>Triticum</i> Species in Israel. Phytopathology, 2016, 106, 861-870. | 1.1 | 29 |
| 45 | Fire blight disease reactome: RNA-seq transcriptional profile of apple host plant defense responses to Erwinia amylovora pathogen infection. Scientific Reports, 2016, 6, 21600. | 1.6 | 38 |
| 46 | DNA transposon activity is associated with increased mutation rates in genes of rice and other grasses. Nature Communications, 2016, 7, 12790. | 5.8 | 51 |
| 47 | Rapid gene isolation in barley and wheat by mutant chromosome sequencing. Genome Biology, 2016, 17, 221. | 3.8 | 265 |
| 48 | Hybridization of powdery mildew strains gives rise to pathogens on novel agricultural crop species. Nature Genetics, 2016, 48, 201-205. | 9.4 | 192 |
| 49 | Evidence of horizontal gene transfer between obligate leaf nodule symbionts. ISME Journal, 2016, 10, 2092-2105. | 4.4 | 63 |
| 50 | Marker development, saturation mapping, and high-resolution mapping of the Septoria nodorum blotch susceptibility gene Snn3-B1 in wheat. Molecular Genetics and Genomics, 2016, 291, 107-119. | 1.0 | 41 |
| 51 | Evolution of the EKA family of powdery mildew avirulence-effector genes from the ORF 1 of a LINE retrotransposon. BMC Genomics, 2015, 16, 917. | 1.2 | 33 |
| 52 | The making of a genomic parasite - the Mothra family sheds light on the evolution of Helitrons in plants. Mobile DNA, 2015, 6, 23. | 1.3 | 4 |
| 53 | The wheat resistance gene <i>Lr34</i> results in the constitutive induction of multiple defense pathways in transgenic barley. Plant Journal, 2015, 84, 202-215. | 2.8 | 45 |
| 54 | Recurrent sequence exchange between homeologous grass chromosomes. Plant Journal, 2015, 84, 747-759. | 2.8 | 5 |

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|----|--|------|-----------|
| 55 | Genome-wide comparison of Asian and African rice reveals high recent activity of DNA transposons. Mobile DNA, 2015, 6, 8. | 1.3 | 7 |
| 56 | Evolution of the Grain Dispersal System in Barley. Cell, 2015, 162, 527-539. | 13.5 | 265 |
| 57 | Fine mapping of powdery mildew resistance genes PmTb7A.1 and PmTb7A.2 in Triticum boeoticum (Boiss.) using the shotgun sequence assembly of chromosome 7AL. Theoretical and Applied Genetics, 2015, 128, 2099-2111. | 1.8 | 11 |
| 58 | Genetic and molecular characterization of a locus involved in avirulence of Blumeria graminis f. sp. tritici on wheat Pm3 resistance alleles. Fungal Genetics and Biology, 2015, 82, 181-192. | 0.9 | 50 |
| 59 | The maize disease resistance gene <i>Htn1</i> against northern corn leaf blight encodes a wall-associated receptor-like kinase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8780-8785. | 3.3 | 302 |
| 60 | Genomic Approaches Towards Durable Fungal Disease Resistance in Wheat., 2015,, 369-375. | | 2 |
| 61 | Multiple Avirulence Loci and Allele-Specific Effector Recognition Control the <i>Pm3 </i> Race-Specific Resistance of Wheat to Powdery Mildew. Plant Cell, 2015, 27, tpc.15.00171. | 3.1 | 135 |
| 62 | RiTE database: a resource database for genus-wide rice genomics and evolutionary biology. BMC Genomics, 2015, 16, 538. | 1.2 | 86 |
| 63 | Analysis of CACTA transposases reveals intron loss as major factor influencing their exon/intron structure in monocotyledonous and eudicotyledonous hosts. Mobile DNA, 2014, 5, 24. | 1.3 | 10 |
| 64 | Phytochelatin–metal(loid) transport into vacuoles shows different substrate preferences in barley and <i><scp>A</scp>rabidopsis</i> < Plant, Cell and Environment, 2014, 37, 1192-1201. | 2.8 | 134 |
| 65 | Molecular mapping of an adult plant stem rust resistance gene Sr56 in winter wheat cultivar Arina. Theoretical and Applied Genetics, 2014, 127, 1441-1448. | 1.8 | 84 |
| 66 | High-resolution analysis of a QTL for resistance to Stagonospora nodorum glume blotch in wheat reveals presence of two distinct resistance loci in the target interval. Theoretical and Applied Genetics, 2014, 127, 573-586. | 1.8 | 11 |
| 67 | The genome sequence of African rice (Oryza glaberrima) and evidence for independent domestication. Nature Genetics, 2014, 46, 982-988. | 9.4 | 342 |
| 68 | Sequencing of Chloroplast Genomes from Wheat, Barley, Rye and Their Relatives Provides a Detailed Insight into the Evolution of the Triticeae Tribe. PLoS ONE, 2014, 9, e85761. | 1.1 | 190 |
| 69 | Distribution, functional impact, and origin mechanisms of copy number variation in the barley genome. Genome Biology, 2013, 14, R58. | 3.8 | 125 |
| 70 | The wheat powdery mildew genome shows the unique evolution of an obligate biotroph. Nature Genetics, 2013, 45, 1092-1096. | 9.4 | 236 |
| 71 | Rye <i>><cp>Pm8</cp></i> and wheat <i><scp>P</scp>m3</i> are orthologous genes and show evolutionary conservation of resistance function against powdery mildew. Plant Journal, 2013, 76, 957-969. | 2.8 | 178 |
| 72 | Comparative analysis of genome composition in Triticeae reveals strong variation in transposable element dynamics and nucleotide diversity. Plant Journal, 2013, 73, 347-356. | 2.8 | 43 |

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|----|---|--------------|-----------|
| 73 | Genotypeâ€specific <scp>SNP</scp> map based on whole chromosome 3 <scp>B</scp> sequence information from wheat cultivars <scp>A</scp> rina and <scp>F</scp> orno. Plant Biotechnology Journal, 2013, 11, 23-32. | 4.1 | 22 |
| 74 | Aegilops tauschii draft genome sequence reveals a gene repertoire for wheat adaptation. Nature, 2013, 496, 91-95. | 13.7 | 714 |
| 75 | Highâ€copy sequences reveal distinct evolution of the rye B chromosome. New Phytologist, 2013, 199, 550-558. | 3.5 | 75 |
| 76 | Transposons in Cereals: Shaping Genomes and Driving Their Evolution. , 2013, , 127-154. | | 1 |
| 77 | Evolutionary Dynamics of Retrotransposons Assessed by High-Throughput Sequencing in Wild Relatives of Wheat. Genome Biology and Evolution, 2013, 5, 1010-1020. | 1.1 | 30 |
| 78 | Characterization of chromosomal architecture in Arabidopsis by chromosome conformation capture. Genome Biology, 2013, 14, R129. | 13.9 | 79 |
| 79 | The physical map of wheat chromosome 1BS provides insights into its gene space organization and evolution. Genome Biology, 2013, 14, R138. | 13.9 | 40 |
| 80 | A Physical Map of the Short Arm of Wheat Chromosome 1A. PLoS ONE, 2013, 8, e80272. | 1.1 | 30 |
| 81 | Selfish supernumerary chromosome reveals its origin as a mosaic of host genome and organellar sequences. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13343-13346. | 3 . 3 | 173 |
| 82 | Computational analysis and characterization of UCE-like elements (ULEs) in plant genomes. Genome Research, 2012, 22, 2455-2466. | 2.4 | 28 |
| 83 | The banana (Musa acuminata) genome and the evolution of monocotyledonous plants. Nature, 2012, 488, 213-217. | 13.7 | 1,049 |
| 84 | Interâ€species sequence comparison of <i>Brachypodium</i> reveals how transposon activity corrodes genome colinearity. Plant Journal, 2012, 71, 550-563. | 2.8 | 26 |
| 85 | Frequent Gene Movement and Pseudogene Evolution Is Common to the Large and Complex Genomes of Wheat, Barley, and Their Relatives Â. Plant Cell, 2011, 23, 1706-1718. | 3.1 | 190 |
| 86 | Comparative sequence analysis of wheat and barley powdery mildew fungi reveals gene colinearity, dates divergence and indicates host-pathogen co-evolution. Fungal Genetics and Biology, 2011, 48, 327-334. | 0.9 | 33 |
| 87 | Plant TOR signaling components. Plant Signaling and Behavior, 2011, 6, 1700-1705. | 1.2 | 36 |
| 88 | <i>Lr34</i> multiâ€pathogen resistance ABC transporter: molecular analysis of homoeologous and orthologous genes in hexaploid wheat and other grass species. Plant Journal, 2011, 65, 392-403. | 2.8 | 79 |
| 89 | A major invasion of transposable elements accounts for the large size of the Blumeria graminis f.sp. tritici genome. Functional and Integrative Genomics, 2011, 11, 671-677. | 1.4 | 50 |
| 90 | Fine mapping and syntenic integration of the semi-dwarfing gene sdw3 of barley. Functional and Integrative Genomics, 2010, 10, 509-521. | 1.4 | 19 |

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|-----|--|------|-----------|
| 91 | Wheat gene bank accessions as a source of new alleles of the powdery mildew resistance gene Pm3: a large scale allele mining project. BMC Plant Biology, 2010, 10, 88. | 1.6 | 115 |
| 92 | A highly conserved gene island of three genes on chromosome 3B of hexaploid wheat: diverse gene function and genomic structure maintained in a tightly linked block. BMC Plant Biology, 2010, 10, 98. | 1.6 | 16 |
| 93 | Wheat beta-expansin (EXPB11) genes: Identification of the expressed gene on chromosome 3BS carrying a pollen allergen domain. BMC Plant Biology, 2010, 10, 99. | 1.6 | 17 |
| 94 | Megabase Level Sequencing Reveals Contrasted Organization and Evolution Patterns of the Wheat Gene and Transposable Element Spaces. Plant Cell, 2010, 22, 1686-1701. | 3.1 | 258 |
| 95 | Patching gaps in plant genomes results in gene movement and erosion of colinearity. Genome Research, 2010, 20, 1229-1237. | 2.4 | 139 |
| 96 | Genome Expansion and Gene Loss in Powdery Mildew Fungi Reveal Tradeoffs in Extreme Parasitism. Science, 2010, 330, 1543-1546. | 6.0 | 725 |
| 97 | Cleistogamous flowering in barley arises from the suppression of microRNA-guided <i>HvAP2</i> mRNA cleavage. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 490-495. | 3.3 | 201 |
| 98 | Gene Content and Virtual Gene Order of Barley Chromosome 1H Â Â Â. Plant Physiology, 2009, 151, 496-505. | 2.3 | 135 |
| 99 | Fine mapping, physical mapping and development of diagnostic markers for the Rrs2 scald resistance gene in barley. Theoretical and Applied Genetics, 2009, 119, 1507-1522. | 1.8 | 40 |
| 100 | A wholeâ€genome snapshot of 454 sequences exposes the composition of the barley genome and provides evidence for parallel evolution of genome size in wheat and barley. Plant Journal, 2009, 59, 712-722. | 2.8 | 125 |
| 101 | Two different CCâ€NBSâ€LRR genes are required for <i>Lr10</i> å€mediated leaf rust resistance in tetraploid and hexaploid wheat. Plant Journal, 2009, 60, 1043-1054. | 2.8 | 126 |
| 102 | The Sorghum bicolor genome and the diversification of grasses. Nature, 2009, 457, 551-556. | 13.7 | 2,642 |
| 103 | Analysis of Intraspecies Diversity in Wheat and Barley Genomes Identifies Breakpoints of Ancient Haplotypes and Provides Insight into the Structure of Diploid and Hexaploid Triticeae Gene Pools Â. Plant Physiology, 2009, 149, 258-270. | 2.3 | 38 |
| 104 | Low-pass shotgun sequencing of the barley genome facilitates rapid identification of genes, conserved non-coding sequences and novel repeats. BMC Genomics, 2008, 9, 518. | 1.2 | 75 |
| 105 | Contrasting Rates of Evolution in <i>Pm3</i> Loci From Three Wheat Species and Rice. Genetics, 2007, 177, 1207-1216. | 1.2 | 35 |
| 106 | Six-rowed barley originated from a mutation in a homeodomain-leucine zipper I-class homeobox gene. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1424-1429. | 3.3 | 563 |
| 107 | Genome-wide comparative analysis of copia retrotransposons in Triticeae, rice, and Arabidopsis reveals conserved ancient evolutionary lineages and distinct dynamics of individual copia families. Genome Research, 2007, 17, 1072-1081. | 2.4 | 228 |
| 108 | A unified classification system for eukaryotic transposable elements. Nature Reviews Genetics, 2007, 8, 973-982. | 7.7 | 2,396 |

7

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|-----|---|-----|-----------|
| 109 | Comparison of orthologous loci from small grass genomes Brachypodium and rice: implications for wheat genomics and grass genome annotation. Plant Journal, 2007, 49, 704-717. | 2.8 | 161 |
| 110 | Illegitimate recombination is a major evolutionary mechanism for initiating size variation in plant resistance genes. Plant Journal, 2007, 51, 631-641. | 2.8 | 89 |
| 111 | Leaf rust resistance gene Lr1, isolated from bread wheat (Triticum aestivum L.) is a member of the large psr567 gene family. Plant Molecular Biology, 2007, 65, 93-106. | 2.0 | 299 |
| 112 | 454 sequencing put to the test using the complex genome of barley. BMC Genomics, 2006, 7, 275. | 1.2 | 200 |
| 113 | Updating of transposable element annotations from large wheat genomic sequences reveals diverse activities and gene associations. Molecular Genetics and Genomics, 2005, 274, 119-130. | 1.0 | 82 |
| 114 | A detailed look at 7â€∫million years of genome evolution in a 439â€∫kb contiguous sequence at the barley Hv-elF4E locus: recombination, rearrangements and repeats. Plant Journal, 2004, 41, 184-194. | 2.8 | 91 |
| 115 | CACTA Transposons in Triticeae. A Diverse Family of High-Copy Repetitive Elements. Plant Physiology, 2003, 132, 52-63. | 2.3 | 143 |
| 116 | Rapid Genome Divergence at Orthologous Low Molecular Weight Glutenin Loci of the A and Am Genomes of Wheat[W]. Plant Cell, 2003, 15, 1186-1197. | 3.1 | 226 |
| 117 | Analysis of a contiguous 211 kb sequence in diploid wheat (Triticum monococcum L.) reveals multiple mechanisms of genome evolution. Plant Journal, 2001, 26, 307-316. | 2.8 | 213 |