## Jorge Dubcovsky

List of Publications by Year in descending order

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252 papers	31,754 citations	4146 87 h-index	4885 168 g-index
272	272	272	12594
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Mutations in the miRNA165/166 binding site of the HB2 gene result in pleiotropic effects on morphological traits in wheat. Crop Journal, 2023, 11, 9-20.	5.2	4
2	Mutant combinations of <i>lycopene ɛ yclase</i> and <i>β arotene hydroxylase 2</i> homoeologs increased β arotene accumulation in endosperm of tetraploid wheat ( <i>Triticum turgidum</i> L.) grains. Plant Biotechnology Journal, 2022, 20, 564-576.	8.3	14
3	Identification and characterization of <i>Sr22b</i> , a new allele of the wheat stem rust resistance gene <i>Sr22</i> effective against the Ug99 race group. Plant Biotechnology Journal, 2022, 20, 554-563.	8.3	17
4	Identification and characterization of a natural polymorphism in FT-A2 associated with increased number of grains per spike in wheat. Theoretical and Applied Genetics, 2022, 135, 679-692.	3.6	13
5	Development of the Wheat Practical Haplotype Graph database as a resource for genotyping data storage and genotype imputation. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	7
6	WAPO-A1 is the causal gene of the 7AL QTL for spikelet number per spike in wheat. PLoS Genetics, 2022, 18, e1009747.	3.5	50
7	Genomic variants affecting homoeologous gene expression dosage contribute to agronomic trait variation in allopolyploid wheat. Nature Communications, 2022, 13, 826.	12.8	31
8	Highâ€resolution mapping of <i>Yr78</i> , an adult plant resistance gene to wheat stripe rust. Plant Genome, 2022, , e20212.	2.8	2
9	MiR172-APETALA2-like genes integrate vernalization and plant age to control flowering time in wheat. PLoS Genetics, 2022, 18, e1010157.	3.5	16
10	Structural rearrangements in wheat (1BS)–rye (1RS) recombinant chromosomes affect gene dosage and root length. Plant Genome, 2021, 14, e20079.	2.8	14
11	Stripe rust resistance gene Yr34 (synonym Yr48) is located within a distal translocation of Triticum monococcum chromosome 5AmL into common wheat. Theoretical and Applied Genetics, 2021, 134, 2197-2211.	3.6	20
12	<i>Aegilops tauschii</i> genome assembly Aet v5.0 features greater sequence contiguity and improved annotation. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	19
13	Interactions between SQUAMOSA and SHORT VEGETATIVE PHASE MADS-box proteins regulate meristem transitions during wheat spike development. Plant Cell, 2021, 33, 3621-3644.	6.6	35
14	Mapping and Characterization of a Wheat Stem Rust Resistance Gene in Durum Wheat "Kronos― Frontiers in Plant Science, 2021, 12, 751398.	3.6	8
15	Dissection of Cell Death Induction by Wheat Stem Rust Resistance Protein Sr35 and Its Matching Effector AvrSr35. Molecular Plant-Microbe Interactions, 2020, 33, 308-319.	2.6	25
16	Wheat gene <i>Sr60</i> encodes a protein with two putative kinase domains that confers resistance to stem rust. New Phytologist, 2020, 225, 948-959.	7.3	102
17	<i>APETALAÂ2â€</i> like genes <i>AP2L2</i> and <i>Q</i> specify lemma identity and axillary floral meristem development inÂwheat. Plant Journal, 2020, 101, 171-187.	5.7	56
18	A GRF–GIF chimeric protein improves the regeneration efficiency of transgenic plants. Nature Biotechnology, 2020, 38, 1274-1279.	17.5	272

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19	Epistatic interactions between PHOTOPERIOD1, CONSTANS1 and CONSTANS2 modulate the photoperiodic response in wheat. PLoS Genetics, 2020, 16, e1008812.	3.5	46
20	Contributions of individual and combined Glu-B1x and Glu-B1y high-molecular-weight glutenin subunits to semolina functionality and pasta quality. Journal of Cereal Science, 2020, 93, 102943.	3.7	3
21	Effect of phyB and phyC loss-of-function mutations on the wheat transcriptome under short and long day photoperiods. BMC Plant Biology, 2020, 20, 297.	3.6	27
22	Three previously characterized resistances to yellow rust are encoded by a single locus Wtk1. Journal of Experimental Botany, 2020, 71, 2561-2572.	4.8	23
23	A haplotype-phased genome of wheat stripe rust pathogen Puccinia striiformis f. sp. tritici, race PST-130 from the Western USA. PLoS ONE, 2020, 15, e0238611.	2.5	10
24	Title is missing!. , 2020, 16, e1008812.		0
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30	Title is missing!. , 2020, 15, e0238611.		0
31	Title is missing!. , 2020, 15, e0238611.		Ο
32	Identification of a candidate gene for a QTL for spikelet number per spike on wheat chromosome arm 7AL by high-resolution genetic mapping. Theoretical and Applied Genetics, 2019, 132, 2689-2705.	3.6	118
33	YR36/WKS1-Mediated Phosphorylation of PsbO, an Extrinsic Member of Photosystem II, Inhibits Photosynthesis and Confers Stripe Rust Resistance in Wheat. Molecular Plant, 2019, 12, 1639-1650.	8.3	49
34	A wheat/rye polymorphism affects seminal root length and yield across different irrigation regimes. Journal of Experimental Botany, 2019, 70, 4027-4037.	4.8	27
35	A Highâ€Resolution Map of Wheat <i>QYr.ucwâ€∃BL</i> , an Adult Plant Stripe Rust Resistance Locus in the Same Chromosomal Region as <i>Yr29</i> . Plant Genome, 2019, 12, 180055.	2.8	24
36	Registration of the Triticeaeâ€CAP Spring Wheat Nested Association Mapping Population. Journal of Plant Registrations, 2019, 13, 294-297.	0.5	16

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37	Wheat <i>VRN1</i> , <i>FUL2</i> and <i>FUL3</i> play critical and redundant roles in spikelet development and spike determinacy. Development (Cambridge), 2019, 146, .	2.5	96
38	<i>FLOWERING LOCUS T2</i> regulates spike development and fertility in temperate cereals. Journal of Experimental Botany, 2019, 70, 193-204.	4.8	73
39	Genetic Relationship of Stripe Rust Resistance Genes <i>Yr34</i> and <i>Yr48</i> in Wheat and Identification of Linked KASP Markers. Plant Disease, 2018, 102, 413-420.	1.4	50
40	Mapping and characterization of wheat stem rustÂresistance genes SrTm5 and Sr60 from Triticum monococcum. Theoretical and Applied Genetics, 2018, 131, 625-635.	3.6	39
41	Mapping causal mutations by exome sequencing in a wheat TILLING population: a tall mutant case study. Molecular Genetics and Genomics, 2018, 293, 463-477.	2.1	69
42	Cloning of the wheat Yr15 resistance gene sheds light on the plant tandem kinase-pseudokinase family. Nature Communications, 2018, 9, 3735.	12.8	204
43	Registration of â€~UC Tahoe', a California Adapted Twoâ€Rowed Spring Barley for Craftâ€Scale Malting. Journal of Plant Registrations, 2018, 12, 163-167.	0.5	3
44	Phenotypic and transcriptomic characterization of a wheat tall mutant carrying an induced mutation in the C-terminal PFYRE motif of RHT-B1b. BMC Plant Biology, 2018, 18, 253.	3.6	15
45	Mapping QTL for Resistance to New Virulent Races of Wheat Stripe Rust from Two Argentinean Wheat Cultivars. Crop Science, 2018, 58, 2470-2483.	1.8	20
46	Identification and validation of QTL for grain yield and plant water status under contrasting water treatments in fall-sown spring wheats. Theoretical and Applied Genetics, 2018, 131, 1741-1759.	3.6	90
47	Identification and characterization of Rht25, a locus on chromosome arm 6AS affecting wheat plant height, heading time, and spike development. Theoretical and Applied Genetics, 2018, 131, 2021-2035.	3.6	94
48	The genetic architecture of genomeâ€wide recombination rate variation in allopolyploid wheat revealed by nested association mapping. Plant Journal, 2018, 95, 1039-1054.	5.7	97
49	Genomeâ€wide Association Study of Agronomic Traits in a Springâ€Planted North American Elite Hard Red Spring Wheat Panel. Crop Science, 2018, 58, 1838-1852.	1.8	29
50	Identification and characterization of wheat stem rust resistance gene Sr21 effective against the Ug99 race group at high temperature. PLoS Genetics, 2018, 14, e1007287.	3.5	97
51	Single nucleotide polymorphisms in a regulatory site of VRN-A1 first intron are associated with differences in vernalization requirement in winter wheat. Molecular Genetics and Genomics, 2018, 293, 1231-1243.	2.1	37
52	Uncovering hidden variation in polyploid wheat. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E913-E921.	7.1	554
53	Night-Break Experiments Shed Light on the Photoperiod1-Mediated Flowering. Plant Physiology, 2017, 174, 1139-1150.	4.8	42
54	microRNA172 plays a critical role in wheat spike morphology and grain threshability. Development (Cambridge), 2017, 144, 1966-1975.	2.5	125

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55	Combined mutations in five wheat STARCH BRANCHING ENZYME II genes improve resistant starch but affect grain yield and bread-making quality. Journal of Cereal Science, 2017, 75, 165-174.	3.7	36
56	Identification and characterization of <i>Sr13</i> , a tetraploid wheat gene that confers resistance to the Ug99 stem rust race group. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9483-E9492.	7.1	146
57	Combining Traditional Mutagenesis with New High-Throughput Sequencing and Genome Editing to Reveal Hidden Variation in Polyploid Wheat. Annual Review of Genetics, 2017, 51, 435-454.	7.6	100
58	Validation and characterization of a QTL for adult plant resistance to stripe rust on wheat chromosome arm 6BS (Yr78). Theoretical and Applied Genetics, 2017, 130, 2127-2137.	3.6	65
59	Variation in the <i>AvrSr35</i> gene determines <i>Sr35</i> resistance against wheat stem rust race Ug99. Science, 2017, 358, 1604-1606.	12.6	179
60	Characterization and Mapping of Leaf Rust and Stripe Rust Resistance Loci in Hexaploid Wheat Lines UC1110 and PI610750 under Mexican Environments. Frontiers in Plant Science, 2017, 8, 1450.	3.6	26
61	Registration of Common Wheat Germplasm with Mutations in <i>SBEII</i> Genes Conferring Increased Grain Amylose and Resistant Starch Content. Journal of Plant Registrations, 2016, 10, 200-205.	0.5	26
62	The 2NS Translocation from <i>Aegilops ventricosa</i> Confers Resistance to the <i>Triticum</i> Pathotype of <i>Magnaporthe oryzae</i> . Crop Science, 2016, 56, 990-1000.	1.8	141
63	Endosperm Carotenoid Concentrations in Wheat are Better Correlated with PSY1 Transcript Levels than Enzyme Activities. Crop Science, 2016, 56, 3173-3184.	1.8	5
64	A Conserved <i>Puccinia striiformis</i> Protein Interacts with Wheat NPR1 and Reduces Induction of <i>Pathogenesis</i> - <i>Related</i> Genes in Response to Pathogens. Molecular Plant-Microbe Interactions, 2016, 29, 977-989.	2.6	69
65	Distinct expression and function of carotenoid metabolic genes and homoeologs in developing wheat grains. BMC Plant Biology, 2016, 16, 155.	3.6	29
66	The stay-green phenotype of TaNAM-RNAi wheat plants is associated with maintenance of chloroplast structure and high enzymatic antioxidant activity. Plant Physiology and Biochemistry, 2016, 104, 257-265.	5.8	8
67	Genetic and physical mapping of the earliness per se locus Eps-A m 1 in Triticum monococcum identifies EARLY FLOWERING 3 (ELF3) as a candidate gene. Functional and Integrative Genomics, 2016, 16, 365-382.	3.5	102
68	RNA-seq studies using wheat PHYTOCHROME B and PHYTOCHROME C mutants reveal shared and specific functions in the regulation of flowering and shade-avoidance pathways. BMC Plant Biology, 2016, 16, 141.	3.6	67
69	Development and characterization of a spring hexaploid wheat line with no functional VRN2 genes. Theoretical and Applied Genetics, 2016, 129, 1417-1428.	3.6	35
70	Fine mapping of barley locus Rps6 conferring resistance to wheat stripe rust. Theoretical and Applied Genetics, 2016, 129, 845-859.	3.6	21
71	A splice acceptor site mutation in TaGW2-A1 increases thousand grain weight in tetraploid and hexaploid wheat through wider and longer grains. Theoretical and Applied Genetics, 2016, 129, 1099-1112.	3.6	179
72	Distribution and haplotype diversity of WKS resistance genes in wild emmer wheat natural populations. Theoretical and Applied Genetics, 2016, 129, 921-934.	3.6	24

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73	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
74	Factorial combinations of protein interactions generate a multiplicity of florigen activation complexes in wheat and barley. Plant Journal, 2015, 84, 70-82.	5.7	95
75	Mutations in Durum Wheat <i>SBEII</i> Genes affect Grain Yield Components, Quality, and Fermentation Responses in Rats. Crop Science, 2015, 55, 2813-2825.	1.8	35
76	A New Map Location of Gene <i>Stb3</i> for Resistance to Septoria Tritici Blotch in Wheat. Crop Science, 2015, 55, 35-43.	1.8	15
77	WheatExp: an RNA-seq expression database for polyploid wheat. BMC Plant Biology, 2015, 15, 299.	3.6	124
78	Fine mapping and characterization of Sr21, a temperature-sensitive diploid wheat resistance gene effective against the Puccinia graminis f. sp. tritici Ug99 race group. Theoretical and Applied Genetics, 2015, 128, 645-656.	3.6	56
79	Evaluation of marker-assisted selection for the stripe rust resistance gene Yr15, introgressed from wild emmer wheat. Molecular Breeding, 2015, 35, 1.	2.1	74
80	A Genome-Wide Association Study of Resistance to Stripe Rust ( <i>Puccinia striiformis</i> f.) Tj ETQq0 0 0 rgBT G3: Genes, Genomes, Genetics, 2015, 5, 449-465.	Överlock 1.8	10 Tf 50 467 356
81	Wheat Stripe Rust Resistance Protein WKS1 Reduces the Ability of the Thylakoid-Associated Ascorbate Peroxidase to Detoxify Reactive Oxygen Species. Plant Cell, 2015, 27, 1755-1770.	6.6	133
82	A haplotype map of allohexaploid wheat reveals distinct patterns of selection on homoeologous genomes. Genome Biology, 2015, 16, 48.	8.8	216
83	Effect of allelic variation at the Glu-3/Gli-1 loci on breadmaking quality parameters in hexaploid wheat (Triticum aestivum L.). Journal of Cereal Science, 2015, 62, 143-150.	3.7	37
84	Identification of the <i>VERNALIZATION 4</i> gene reveals the origin of spring growth habit in ancient wheats from South Asia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5401-10.	7.1	131
85	Heterologous expression and transcript analysis of gibberellin biosynthetic genes of grasses reveals novel functionality in the GA30x family. BMC Plant Biology, 2015, 15, 130.	3.6	115
86	A highâ€density, <scp>SNP</scp> â€based consensus map of tetraploid wheat as a bridge to integrate durum and bread wheat genomics and breeding. Plant Biotechnology Journal, 2015, 13, 648-663.	8.3	386
87	Characterization of FLOWERING LOCUS T1 (FT1) Gene in Brachypodium and Wheat. PLoS ONE, 2014, 9, e94171.	2.5	94
88	Mapping of QTL for Tolerance to <i>Cereal Yellow Dwarf Virus</i> in Twoâ€rowed Spring Barley. Crop Science, 2014, 54, 1468-1475.	1.8	18
89	Wheat TaNPSN SNARE homologues are involved in vesicle-mediated resistance to stripe rust (Puccinia) Tj ETQq	1 1 0.7843 4.8	314 rgBT /Ove
	Manning a region within the 1PS 1BL translocation in common wheat affecting grain yield and canony		

Mapping a region within the 1RS.1BL translocation in common wheat affecting grain yield and canopy water status. Theoretical and Applied Genetics, 2014, 127, 2695-2709.

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91	Characterization of polyploid wheat genomic diversity using a highâ€density 90Â000 single nucleotide polymorphism array. Plant Biotechnology Journal, 2014, 12, 787-796.	8.3	1,828
92	Efficient Genome-Wide Detection and Cataloging of EMS-Induced Mutations Using Exome Capture and Next-Generation Sequencing. Plant Cell, 2014, 26, 1382-1397.	6.6	277
93	A consensus framework map of durum wheat (Triticum durum Desf.) suitable for linkage disequilibrium analysis and genome-wide association mapping. BMC Genomics, 2014, 15, 873.	2.8	85
94	PHYTOCHROME C plays a major role in the acceleration of wheat flowering under long-day photoperiod. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10037-10044.	7.1	175
95	Fine mapping and epistatic interactions of the vernalization gene VRN-D4 in hexaploid wheat. Molecular Genetics and Genomics, 2014, 289, 47-62.	2.1	48
96	Functional characterization of GPC-1 genes in hexaploid wheat. Planta, 2014, 239, 313-324.	3.2	85
97	Effect of the Hope FT-B1 Allele on Wheat Heading Time and Yield Components. Journal of Heredity, 2014, 105, 666-675.	2.4	22
98	Copy number and haplotype variation at the VRN-A1 and central FR-A2 loci are associated with frost tolerance in hexaploid wheat. Theoretical and Applied Genetics, 2014, 127, 1183-1197.	3.6	96
99	Registration of Durum Wheat Germplasm Lines with Combined Mutations in SBEII a and SBEIIb Genes Conferring Increased Amylose and Resistant Starch. Journal of Plant Registrations, 2014, 8, 334-338.	0.5	22
100	Genome analyses of the wheat yellow (stripe) rust pathogen Puccinia striiformis f. sp. triticireveal polymorphic and haustorial expressed secreted proteins as candidate effectors. BMC Genomics, 2013, 14, 270.	2.8	235
101	Comparative analysis of protein-protein interactions in the defense response of rice and wheat. BMC Genomics, 2013, 14, 166.	2.8	60
102	Increased copy number at the HvFT1 locus is associated with accelerated flowering time in barley. Molecular Genetics and Genomics, 2013, 288, 261-275.	2.1	83
103	Large deletions in the CBF gene cluster at the Fr-B2 locus are associated with reduced frost tolerance in wheat. Theoretical and Applied Genetics, 2013, 126, 2683-2697.	3.6	47
104	A comparative approach expands the protein–protein interaction node of the immune receptor XA21 in wheat and rice. Genome, 2013, 56, 315-326.	2.0	18
105	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8057-8062.	7.1	1,065
106	Identification of Wheat Gene <i>Sr35</i> That Confers Resistance to Ug99 Stem Rust Race Group. Science, 2013, 341, 783-786.	12.6	283
107	Dissecting the genetic architecture of frost tolerance in Central European winter wheat. Journal of Experimental Botany, 2013, 64, 4453-4460.	4.8	69
108	Exogenous Gibberellins Induce Wheat Spike Development under Short Days Only in the Presence of <i>VERNALIZATION1</i> Â Â Â. Plant Physiology, 2013, 163, 1433-1445.	4.8	89

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109	Separating homeologs by phasing in the tetraploid wheat transcriptome. Genome Biology, 2013, 14, R66.	8.8	126
110	An <i>Aegilops ventricosa</i> Translocation Confers Resistance Against Rootâ€knot Nematodes to Common Wheat. Crop Science, 2013, 53, 1412-1418.	1.8	53
111	Registration of Wheat Lines Carrying the Partial Stripe Rust Resistance Gene <i>Yr36</i> without the <i>Gpcâ€B1</i> Allele for High Grain Protein Content. Journal of Plant Registrations, 2013, 7, 108-112.	0.5	15
112	Wheat TILLING Mutants Show That the Vernalization Gene VRN1 Down-Regulates the Flowering Repressor VRN2 in Leaves but Is Not Essential for Flowering. PLoS Genetics, 2012, 8, e1003134.	3.5	213
113	Cloning and comparative analysis of carotenoid β-hydroxylase genes provides new insights into carotenoid metabolism in tetraploid (Triticum turgidum ssp. durum) and hexaploid (Triticum aestivum) wheat grains. Plant Molecular Biology, 2012, 80, 631-646.	3.9	47
114	Divergent functions of orthologous NAC transcription factors in wheat and rice. Plant Molecular Biology, 2012, 78, 515-524.	3.9	70
115	Induced Mutations in the <i>Starch Branching Enzyme II</i> ( <i>SBEII</i> ) Genes Increase Amylose and Resistant Starch Content in Durum Wheat. Crop Science, 2012, 52, 1754-1766.	1.8	97
116	Wheat flowering repressor VRN2 and promoter CO2 compete for interactions with NUCLEAR FACTOR‥ complexes. Plant Journal, 2011, 67, 763-773.	5.7	115
117	Durable resistance to the wheat rusts: integrating systems biology and traditional phenotype-based research methods to guide the deployment of resistance genes. Euphytica, 2011, 179, 69-79.	1.2	83
118	Genetic mapping of stem rust resistance gene Sr13 in tetraploid wheat (Triticum turgidum ssp. durum) Tj ETQqC	0 0 rgBT	Overlock 10
119	Conflicting mapping results for stem rust resistance gene Sr13. Theoretical and Applied Genetics, 2011, 122, 659-659.	3.6	3
120	Mapping and validation of QTL which confer partial resistance to broadly virulent post-2000 North American races of stripe rust in hexaploid wheat. Theoretical and Applied Genetics, 2011, 123, 143-157.	3.6	111
121	Effect of the down-regulation of the high Grain Protein Content (GPC) genes on the wheat transcriptome during monocarpic senescence. BMC Genomics, 2011, 12, 492.	2.8	75
122	Discovery of Rare Mutations in Populations: TILLING by Sequencing   Â. Plant Physiology, 2011, 156, 1257-1268.	4.8	266
123	Next Generation Sequencing Provides Rapid Access to the Genome of Puccinia striiformis f. sp. tritici, the Causal Agent of Wheat Stripe Rust. PLoS ONE, 2011, 6, e24230.	2.5	169
124	Effects of the Chromosome Region Including the <i>Gpcâ€B1</i> Locus on Wheat Grain and Protein Yield. Crop Science, 2010, 50, 93-104.	1.8	98
125	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
126	Down-regulation of four putative arabinoxylan feruloyl transferase genes from family PF02458 reduces ester-linked ferulate content in rice cell walls. Planta, 2010, 231, 677-691.	3.2	90

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127	Characterization of the maintained vegetative phase deletions from diploid wheat and their effect on VRN2 and FT transcript levels. Molecular Genetics and Genomics, 2010, 283, 223-232.	2.1	54
128	Control of flowering time and spike development in cereals: the earliness per se Eps-1 region in wheat, rice, and Brachypodium. Functional and Integrative Genomics, 2010, 10, 293-306.	3.5	71
129	Haplotype diversity of stem rust resistance loci in uncharacterized wheat lines. Molecular Breeding, 2010, 26, 667-680.	2.1	50
130	Effect of the grain protein content locus Gpc-B1 on bread and pasta quality. Journal of Cereal Science, 2010, 51, 357-365.	3.7	59
131	Small RNAs, DNA methylation and transposable elements in wheat. BMC Genomics, 2010, 11, 408.	2.8	82
132	Nucleotide diversity maps reveal variation in diversity among wheat genomes and chromosomes. BMC Genomics, 2010, 11, 702.	2.8	189
133	Genotyping of U.S. Wheat Germplasm for Presence of Stem Rust Resistance Genes <i>Sr24</i> , <i>Sr36</i> and <i>Sr1RS<sup>Amigo</sup></i> . Crop Science, 2010, 50, 668-675.	1.8	36
134	Genetic Maps of Stem Rust Resistance Gene <i>Sr35</i> in Diploid and Hexaploid Wheat. Crop Science, 2010, 50, 2464-2474.	1.8	51
135	Regulation of Freezing Tolerance and Flowering in Temperate Cereals: The <i>VRN-1</i> Connection  Â. Plant Physiology, 2010, 153, 1846-1858.	4.8	162
136	Population- and genome-specific patterns of linkage disequilibrium and SNP variation in spring and winter wheat (Triticum aestivum L.). BMC Genomics, 2010, 11, 727.	2.8	234
137	Registration of â€ <sup>-</sup> BIOINTA 2004' Wheat. Journal of Plant Registrations, 2009, 3, 165-169.	0.5	20
138	Genetic and Molecular Characterization of the <i>VRN2</i> Loci in Tetraploid Wheat  Â. Plant Physiology, 2009, 149, 245-257.	4.8	129
139	The CArG-Box Located Upstream from the Transcriptional Start of Wheat Vernalization Gene VRN1 Is Not Necessary for the Vernalization Response. Journal of Heredity, 2009, 100, 355-364.	2.4	57
140	Regulation of flowering in temperate cereals. Current Opinion in Plant Biology, 2009, 12, 178-184.	7.1	423
141	Physical mapping of durum wheat lipoxygenase genes. Journal of Cereal Science, 2009, 50, 67-73.	3.7	23
142	A modified TILLING approach to detect induced mutations in tetraploid and hexaploid wheat. BMC Plant Biology, 2009, 9, 115.	3.6	323
143	Analysis of gene-derived SNP marker polymorphism in US wheat (Triticum aestivum L.) cultivars. Molecular Breeding, 2009, 23, 23-33.	2.1	153
144	Wheat (Triticum aestivum) NAM proteins regulate the translocation of iron, zinc, and nitrogen compounds from vegetative tissues to grain. Journal of Experimental Botany, 2009, 60, 4263-4274.	4.8	300

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145	Regulatory genes involved in the determination of frost tolerance in temperate cereals. Plant Science, 2009, 176, 12-19.	3.6	158
146	A Kinase-START Gene Confers Temperature-Dependent Resistance to Wheat Stripe Rust. Science, 2009, 323, 1357-1360.	12.6	625
147	Genome comparisons reveal a dominant mechanism of chromosome number reduction in grasses and accelerated genome evolution in Triticeae. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15780-15785.	7.1	190
148	Identification of candidate CBF genes for the frost tolerance locus Fr-A m 2 in Triticum monococcum. Plant Molecular Biology, 2008, 67, 257-270.	3.9	103
149	Colinearity between the barley grain protein content (GPC) QTL on chromosome arm 6HS and the wheat Gpc-B1 region. Molecular Breeding, 2008, 22, 25-38.	2.1	70
150	Association between allelic variation at the Phytoene synthase 1 gene and yellow pigment content in the wheat grain. Theoretical and Applied Genetics, 2008, 116, 635-645.	3.6	174
151	QTL analysis of pasta quality using a composite microsatellite and SNP map of durum wheat. Theoretical and Applied Genetics, 2008, 117, 1361-1377.	3.6	137
152	Wheat FT protein regulates <i>VRN1</i> transcription through interactions with FDL2. Plant Journal, 2008, 55, 543-554.	5.7	217
153	The chromosome region including the earliness per se locus Eps-Am1 affects the duration of early developmental phases and spikelet number in diploid wheat. Journal of Experimental Botany, 2008, 59, 3595-3607.	4.8	112
154	Agronomic and Quality Evaluation of Common Wheat Nearâ€Isogenic Lines Carrying the Leaf Rust Resistance Gene <i>Lr47</i> . Crop Science, 2008, 48, 1441-1451.	1.8	28
155	Allelic Variation at the Vernalization Genes <i>Vrnâ€A1</i> , <i>Vrnâ€B1</i> , <i>Vrnâ€D1</i> , and <i>Vrnâ€B3</i> in Chinese Wheat Cultivars and Their Association with Growth Habit. Crop Science, 2008, 48, 458-470.	1.8	155
156	Registration of a Hexaploid Wheat Translocation Line Carrying a Short Segment of Chromosome 5Amincluding Softness GenesPinaandPinbfromTriticum monococcum. Journal of Plant Registrations, 2008, 2, 165-166.	0.5	0
157	Genome Plasticity a Key Factor in the Success of Polyploid Wheat Under Domestication. Science, 2007, 316, 1862-1866.	12.6	886
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