

# Lili Qi

## List of Publications by Year in descending order

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66  
papers

2,443  
citations

218592

26  
h-index

206029

48  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Chromosome Bin Map of 16,000 Expressed Sequence Tag Loci and Distribution of Genes Among the Three Genomes of Polyploid Wheat. <i>Genetics</i> , 2004, 168, 701-712.	1.2	369
2	Homoeologous recombination, chromosome engineering and crop improvement. <i>Chromosome Research</i> , 2007, 15, 3-19.	1.0	278
3	Molecular characterization of a set of wheat deletion stocks for use in chromosome bin mapping of ESTs. <i>Functional and Integrative Genomics</i> , 2003, 3, 39-55.	1.4	138
4	Molecular cytogenetic characterization of alien introgressions with gene Fhb3 for resistance to Fusarium head blight disease of wheat. <i>Theoretical and Applied Genetics</i> , 2008, 117, 1155-1166.	1.8	132
5	An innovative SNP genotyping method adapting to multiple platforms and throughputs. <i>Theoretical and Applied Genetics</i> , 2017, 130, 597-607.	1.8	124
6	A High-Density SNP Map of Sunflower Derived from RAD-Sequencing Facilitating Fine-Mapping of the Rust Resistance Gene R12. <i>PLoS ONE</i> , 2014, 9, e98628.	1.1	93
7	Development of a complete set of <i>Triticum aestivum</i> - <i>Aegilops speltoides</i> chromosome addition lines. <i>Theoretical and Applied Genetics</i> , 2000, 101, 51-58.	1.8	91
8	De novo sequencing of sunflower genome for SNP discovery using RAD (Restriction site Associated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	83
9	Pl 17 is a novel gene independent of known downy mildew resistance genes in the cultivated sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 757-767.	1.8	59
10	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.	1.8	58
11	Genetics and mapping of a novel downy mildew resistance gene, Pl 18 , introgressed from wild <i>Helianthus argophyllus</i> into cultivated sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2016, 129, 741-752.	1.8	57
12	Identification of Resistance to New Virulent Races of Rust in Sunflowers and Validation of DNA Markers in the Gene Pool. <i>Phytopathology</i> , 2011, 101, 241-249.	1.1	50
13	Genotyping-by-sequencing targeting of a novel downy mildew resistance gene Pl 20 from wild <i>Helianthus argophyllus</i> for sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2017, 130, 1519-1529.	1.8	47
14	Wheatâ€™ Thinopyrum Intermedium Recombinants Resistant to Wheat Streak Mosaic Virus and Triticum Mosaic Virus. <i>Crop Science</i> , 2009, 49, 1221-1226.	0.8	45
15	Identification and physical mapping of three <i>Haynaldia villosa</i> chromosome-6V deletion lines. <i>Theoretical and Applied Genetics</i> , 1998, 97, 1042-1046.	1.8	44
16	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.	1.8	44
17	Complex genome rearrangements reveal evolutionary dynamics of pericentromeric regions in the Triticeae. <i>Genome</i> , 2006, 49, 1628-1639.	0.9	41
18	Development and dissection of diagnostic SNP markers for the downy mildew resistance genes Pl Arg and Pl 8 and maker-assisted gene pyramiding in sunflower ( <i>Helianthus annuus</i> L.). <i>Molecular Genetics and Genomics</i> , 2017, 292, 551-563.	1.0	37

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19	Molecular mapping of the rust resistance gene R 4 to a large NBS-LRR cluster on linkage group 13 of sunflower. <i>Theoretical and Applied Genetics</i> , 2011, 123, 351-358.	1.8	36
20	Linkage Mapping and Genome-Wide Association Studies of the Rf Gene Cluster in Sunflower ( <i>Helianthus annuus</i> L.) and Their Distribution in World Sunflower Collections. <i>Frontiers in Genetics</i> , 2019, 10, 216.	1.1	34
21	Molecular tagging of a novel rust resistance gene R 12 in sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2013, 126, 93-99.	1.8	33
22	Candidate gene association mapping of Sclerotinia stalk rot resistance in sunflower ( <i>Helianthus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 193-209.	1.8	33
23	Discovery and introgression of the wild sunflower-derived novel downy mildew resistance gene Pl 19 in confection sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2017, 130, 29-39.	1.8	32
24	SNP Discovery and QTL Mapping of Sclerotinia Basal Stalk Rot Resistance in Sunflower using Genotyping-by-Sequencing. <i>Plant Genome</i> , 2016, 9, plantgenome2016.03.0035.	1.6	31
25	Genetic mapping of rust resistance genes in confection sunflower line HA-R6 and oilseed line RHA 397. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2039-2049.	1.8	30
26	Relocation of a rust resistance gene R 2 and its marker-assisted gene pyramiding in confection sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 477-488.	1.8	28
27	Molecular mapping of the downy mildew and rust resistance genes in a sunflower germplasm line TX16R. <i>Molecular Breeding</i> , 2019, 39, 1.	1.0	25
28	A strategy for enhancing recombination in proximal regions of chromosomes. <i>Chromosome Research</i> , 2002, 10, 645-654.	1.0	23
29	The compact Brachypodium genome conserves centromeric regions of a common ancestor with wheat and rice. <i>Functional and Integrative Genomics</i> , 2010, 10, 477-492.	1.4	22
30	Chromosome location, DNA markers and rust resistance of the sunflower gene R 5. <i>Molecular Breeding</i> , 2012, 30, 745-756.	1.0	22
31	Diversification of the downy mildew resistance gene pool by introgression of a new gene, Pl35, from wild <i>Helianthus argophyllus</i> into oilseed and confection sunflowers ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2019, 132, 2553-2565.	1.8	20
32	Marker-Assisted Gene Pyramiding and the Reliability of Using SNP Markers Located in the Recombination Suppressed Regions of Sunflower ( <i>Helianthus annuus</i> L.). <i>Genes</i> , 2020, 11, 10.	1.0	20
33	High-throughput genotyping-by-sequencing facilitates molecular tagging of a novel rust resistance gene, R 15 , in sunflower ( <i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2018, 131, 1423-1432.	1.8	19
34	Homoeologous relationships of <i>Haynaldia villosa</i> chromosomes with those of <i>Triticum aestivum</i> as revealed by RFLP analysis.. <i>Genes and Genetic Systems</i> , 1999, 74, 77-82.	0.2	17
35	A Unified Single Nucleotide Polymorphism Map of Sunflower ( <i>Helianthus annuus</i> L.) Derived from Current Genomic Resources. <i>Crop Science</i> , 2015, 55, 1696-1702.	0.8	16
36	Molecular dissection of resistance gene cluster and candidate gene identification of Pl17 and Pl19 in sunflower by whole-genome resequencing. <i>Scientific Reports</i> , 2019, 9, 14974.	1.6	16

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37	Registration of a Male Fertility Restorer Oilseed Sunflower Germplasm, HAâ€R9, Resistant to Sunflower Rust. <i>Journal of Plant Registrations</i> , 2013, 7, 353-357.	0.4	15
38	A Molecular-Cytogenetic Method for Locating Genes to Pericentromeric Regions Facilitates a Genomewide Comparison of Synteny Between the Centromeric Regions of Wheat and Rice. <i>Genetics</i> , 2009, 183, 1235-1247.	1.2	14
39	Sequence organization and evolutionary dynamics of Brachypodium-specific centromere retrotransposons. <i>Chromosome Research</i> , 2013, 21, 507-521.	1.0	14
40	Map saturation and SNP marker development for the rust resistance genes (R 4 , R 5 , R 13a , and R 13b ) in sunflower ( <i>Helianthus annuus</i> L.). <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	14
41	Genotyping-by-Sequencing Uncovers the Introgression Alien Segments Associated with Sclerotinia Basal Stalk Rot Resistance from Wild Speciesâ€”I. <i>Helianthus argophyllus</i> and <i>H. petiolaris</i> . <i>Frontiers in Genetics</i> , 2016, 7, 219.	1.1	14
42	High-Density Mapping and Candidate Gene Analysis of PI18 and PI20 in Sunflower by Whole-Genome Resequencing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9571.	1.8	12
43	Genetic Dissection of Phomopsis Stem Canker Resistance in Cultivated Sunflower Using High Density SNP Linkage Map. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1497.	1.8	11
44	Registration of Three Confection Sunflower Germplasm, HAâ€DM2, HAâ€DM3, and HAâ€DM4, Resistant to Downy Mildew and Rust. <i>Journal of Plant Registrations</i> , 2019, 13, 103-108.	0.4	9
45	Cloning and characterization of the homoeologous genes for the Rec8-like meiotic cohesin in polyploid wheat. <i>BMC Plant Biology</i> , 2018, 18, 224.	1.6	8
46	Unraveling the Sclerotinia Basal Stalk Rot Resistance Derived From Wild <i>Helianthus argophyllus</i> Using a High-Density Single Nucleotide Polymorphism Linkage Map. <i>Frontiers in Plant Science</i> , 2020, 11, 617920.	1.7	8
47	Registration of Oilseed Sunflower Germplasms RHA 461, RHA 462, RHA 463, HA 465, HA 466, HA 467, and RHA 468 with Diversity in Sclerotinia Resistance, Yield, and Other Traits. <i>Journal of Plant Registrations</i> , 2018, 12, 142-147.	0.4	7
48	Introgression and monitoring of wild <i>Helianthus praecox</i> alien segments associated with Sclerotinia basal stalk rot resistance in sunflower using genotyping-by-sequencing. <i>PLoS ONE</i> , 2019, 14, e0213065.	1.1	7
49	Map and sequence-based chromosome walking towards cloning of the male fertility restoration gene Rf5 linked to R11 in sunflower. <i>Scientific Reports</i> , 2021, 11, 777.	1.6	7
50	Registration of an Oilseed Sunflower Germplasm HAâ€DM1 Resistant to Sunflower Downy Mildew. <i>Journal of Plant Registrations</i> , 2016, 10, 195-199.	0.4	7
51	Discovery and mapping of two new rust resistance genes, R17 and R18, in sunflower using genotyping by sequencing. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2291-2301.	1.8	6
52	Registration of Two Double Rust Resistant Germplasms, HAâ€R12 and HAâ€R13 for Confection Sunflower. <i>Journal of Plant Registrations</i> , 2016, 10, 69-74.	0.4	6
53	Characterization and mapping of a downy mildew resistance gene, PI36, in sunflower ( <i>Helianthus</i> ) Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overlook	1.0	5
54	Genomic Insights Into Sclerotinia Basal Stalk Rot Resistance Introgressed From Wild <i>Helianthus praecox</i> Into Cultivated Sunflower ( <i>Helianthus annuus</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5

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55	A Quantitative Genetic Study of Sclerotinia Head Rot Resistance Introgressed from the Wild Perennial <i>Helianthus maximiliani</i> into Cultivated Sunflower ( <i>Helianthus annuus</i> L.). <i>International Journal of Molecular Sciences</i> , 2022, 23, 7727.	1.8	4
56	Origin, structure, and behavior of a highly rearranged deletion chromosome 1BS-4 in wheat. <i>Genome</i> , 2005, 48, 591-597.	0.9	3
57	Molecular mapping of three nuclear male sterility mutant genes in cultivated sunflower ( <i>Helianthus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	3
58	Registration of Oilseed Sunflower Germplasm HAâ€BSR1 Highly Tolerant to Sclerotinia Basal Stalk Rot. <i>Journal of Plant Registrations</i> , 2017, 11, 315-319.	0.4	3
59	Registration of Oilseed Sunflower Germplasms HAâ€BSR2, HAâ€BSR3, HAâ€BSR4, and HAâ€BSR5 with Resistance to Sclerotinia Basal Stalk Rot and Downy Mildew. <i>Journal of Plant Registrations</i> , 2018, 12, 399-404.	0.4	3
60	Registration of Oilseed Sunflower Germplasms HAâ€BSR6, HAâ€BSR7, and HAâ€BSR8 Highly Resistant to Sclerotinia Basal Stalk Rot and Downy Mildew. <i>Journal of Plant Registrations</i> , 2019, 13, 433-438.	0.4	3
61	Meiotic metaphase I pairing behavior of a 5BL recombinant isochromosome in wheat. <i>Chromosome Research</i> , 2000, 8, 671-676.	1.0	2
62	Registration of two confection sunflower germplasms, HAâ€DM5 and HAâ€DM6, resistant to sunflower downy mildew. <i>Journal of Plant Registrations</i> , 2020, 14, 87-91.	0.4	2
63	Registration of Two Confection Sunflower Germplasm Lines, HA-R10 and HA-R11, Resistant to Sunflower Rust. <i>Journal of Plant Registrations</i> , 2014, 8, 329-333.	0.4	2
64	Recombination in an isochromosome preferentially occurs between cis isochromatids. <i>Chromosoma</i> , 2000, 109, 390-396.	1.0	1
65	Registration of HAâ€R14, HAâ€R15, HAâ€R16, and HAâ€R17 oilseed sunflower germplasm with broad resistance to rust and downy mildew. <i>Journal of Plant Registrations</i> , 0, , .	0.4	1
66	Registration of two oilseed sunflower germplasms HAâ€DM7 and HAâ€DM8 resistant to sunflower downy mildew. <i>Journal of Plant Registrations</i> , 0, , .	0.4	0