Jun Abe

List of Publications by Year
in descending order

60	2,944	218381	174990
papers	citations	26 h-index	52 g-index

60	60	60	1613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic Redundancy in Soybean Photoresponses Associated With Duplication of the Phytochrome A Gene. Genetics, 2008, 180, 995-1007.	1.2	335
2	Two Coordinately Regulated Homologs of FLOWERING LOCUS T Are Involved in the Control of Photoperiodic Flowering in Soybean. Plant Physiology, 2010, 154, 1220-1231.	2.3	298
3	Genetic variation in four maturity genes affects photoperiod insensitivity and PHYA-regulated post-flowering responses of soybean. BMC Plant Biology, 2013, 13, 91.	1.6	182
4	A New Dominant Gene E9 Conditions Early Flowering and Maturity in Soybean. Crop Science, 2014, 54, 2529-2535.	0.8	173
5	A recessive allele for delayed flowering at the soybean maturity locus E9 is a leaky allele of FT2a, a FLOWERING LOCUS T ortholog. BMC Plant Biology, 2016, 16, 20.	1.6	159
6	Natural variation in the genes responsible for maturity loci E1, E2, E3 and E4 in soybean. Annals of Botany, 2014, 113, 429-441.	1.4	156
7	Genetic and molecular bases of photoperiod responses of flowering in soybean. Breeding Science, 2012, 61, 531-543.	0.9	144
8	Quantitative Trait Locus Analysis of Stalk Strength in Four Maize Populations. Crop Science, 2003, 43, 13.	0.8	132
9	Molecular mechanisms for the photoperiodic regulation of flowering in soybean. Journal of Integrative Plant Biology, 2021, 63, 981-994.	4.1	107
10	Simultaneous site-directed mutagenesis of duplicated loci in soybean using a single guide RNA. Plant Cell Reports, 2018, 37, 553-563.	2.8	93
11	The Soybean-Specific Maturity Gene E1 Family of Floral Repressors Controls Night-Break Responses through Down-Regulation of FLOWERING LOCUS T Orthologs Â. Plant Physiology, 2015, 168, 1735-1746.	2.3	87
12	Genetic Variation in Soybean at the Maturity Locus E4 Is Involved in Adaptation to Long Days at High Latitudes. Agronomy, 2013, 3, 117-134.	1.3	86
13	A soybean quantitative trait locus that promotes flowering under long days is identified asFT5a, aFLOWERING LOCUS Tortholog. Journal of Experimental Botany, 2016, 67, 5247-5258.	2.4	83
14	Photoperiodâ€Insensitive Japanese Soybean Landraces Differ at Two Maturity Loci. Crop Science, 2003, 43, 1300-1304.	0.8	70
15	Quantitative trait locus mapping of soybean maturity gene <i>E5</i>. Breeding Science, 2016, 66, 407-415.	0.9	56
16	Genetic relationship between lipid content and linolenic acid concentration in soybean seeds. Breeding Science, 2008, 58, 361-366.	0.9	49
17	Identification and Characterization of Wild Soybean (Glycine soja Sieb. et Zecc.) Strains with High Lutein Content. Breeding Science, 2006, 56, 231-234.	0.9	45
18	Overcoming the genetic compensation response of soybean florigens to improve adaptation and yield at low latitudes. Current Biology, 2021, 31, 3755-3767.e4.	1.8	42

#	Article	IF	Citations
19	Establishment of new method for analysis of starch contents and varietal differences in soybean seeds. Breeding Science, 2010, 60, 160-163.	0.9	40
20	Soybean Maturity Genes Associated with Seed Coat Pigmentation and Cracking in Response to Low Temperatures. Crop Science, 1999, 39, 1657-1662.	0.8	38
21	FT5a interferes with the Dt1â€AP1 feedback loop to control flowering time and shoot determinacy in soybean. Journal of Integrative Plant Biology, 2021, 63, 1004-1020.	4.1	37
22	Functional divergence between soybean FLOWERING LOCUS T orthologues FT2a and FT5a in post-flowering stem growth. Journal of Experimental Botany, 2019, 70, 3941-3953.	2.4	35
23	A Single-Nucleotide Polymorphism in an Endo-1,4-Î²-Glucanase Gene Controls Seed Coat Permeability in Soybean. PLoS ONE, 2015, 10, e0128527.	1.1	35
24	RFLPs of chloroplast and mitochondrial DNA in wild soybean, Glycine soja, growing in China. Genetic Resources and Crop Evolution, 1998, 45, 433-439.	0.8	32
25	A gene complex for annual habit in sugar beet (Beta vulgaris L.). Euphytica, 1997, 94, 129-135.	0.6	31
26	Loss of Function of the E1-Like-b Gene Associates With Early Flowering Under Long-Day Conditions in Soybean. Frontiers in Plant Science, 2018, 9, 1867.	1.7	31
27	Simultaneous induction of mutant alleles of two allergenic genes in soybean by using site-directed mutagenesis. BMC Plant Biology, 2020, 20, 513.	1.6	30
28	Quantitative Trait Locus Mapping of Soybean Maturity Gene E6. Crop Science, 2017, 57, 2547-2554.	0.8	29
29	Optimization of ion-beam irradiation for mutagenesis in soybean: effects on plant growth and production of visibly altered mutants. Plant Biotechnology, 2011, 28, 323-329.	0.5	28
30	QTL mapping for flowering time in different latitude in soybean. Euphytica, 2015, 206, 725-736.	0.6	27
31	Molecular Cloning and Linkage Mapping of Cryptochrome Multigene Family in Soybean. Plant Genome, 2009, 2, .	1.6	27
32	Simultaneous Accumulation of High Contents of .ALPHA.-Tocopherol and Lutein is Possible in Seeds of Soybean (Glycine max (L.) Merr.). Breeding Science, 2007, 57, 297-304.	0.9	22
33	Genetic structure of the Japanese soybean population. Genetic Resources and Crop Evolution, 1999, 46, 441-453.	0.8	20
34	Characterization and quantitative trait locus mapping of late-flowering from a Thai soybean cultivar introduced into a photoperiod-insensitive genetic background. PLoS ONE, 2019, 14, e0226116.	1.1	20
35	Marker-assisted Analysis for Soybean Hard Seededness with Isozyme and Simple Sequence Repeat Loci. Breeding Science, 2004, 54, 133-139.	0.9	20
36	Identification of quantitative trait loci for increased Î±-tocopherol biosynthesis in wild soybean using a high-density genetic map. BMC Plant Biology, 2019, 19, 510.	1.6	18

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37	An Active CACTA-Family Transposable Element is Responsible for Flower Variegation in Wild SoybeanGlycine soja. Plant Genome, 2012, 5, 62-70.	1.6	13
38	Varietal Differences and Morphology of Cleistogamy in Soybean. Crop Science, 2010, 50, 185-190.	0.8	11
39	Frequent generation of mutants with coincidental changes in multiple traits via ion-beam irradiation in soybean. Genes and Genetic Systems, 2017, 92, 153-161.	0.2	11
40	Natural diversity of seed Î±-tocopherol ratio in wild soybean (<i>Glycine soja</i>) germplasm collection. Breeding Science, 2016, 66, 653-657.	0.9	9
41	Isolation and molecular characterization of a <i>Lotus japonicus</i> <i>R2R3-MYB</i> subgroup 7 transcription factor gene. Plant Biotechnology, 2017, 34, 45-49.	0.5	9
42	A Soybean Deletion Mutant That Moderates the Repression of Flowering by Cool Temperatures. Frontiers in Plant Science, 2020, 11, 429.	1.7	9
43	Site-directed mutagenesis by biolistic transformation efficiently generates inheritable mutations in a targeted locus in soybean somatic embryos and transgene-free descendants in the T1 generation. Transgenic Research, 2021, 30, 77-89.	1.3	9
44	Mapping quantitative trait loci for yield-related traits in soybean (Glycine max L.). Breeding Science, 2014, 64, 282-290.	0.9	8
45	Genetic analysis and biochemical characterization of the high lutein trait of wild soybean (Glycine) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	7
46	Structural features of the aleurone layer of the seed coat associated with imbibition injury in soybean. Breeding Science, 2019, 69, 364-370.	0.9	7
47	A marker-assisted analysis of bolting tendency in sugar beet (Beta vulgaris L.). Euphytica, 1997, 94, 137-144.	0.6	6
48	Evaluation of seed components of wild soybean (Glycine soja) collected in Japan using near-infrared reflectance spectroscopy. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 94-102.	0.4	6
49	Chromosomal distribution of soybean retrotransposon SORE-1 suggests its recent preferential insertion into euchromatic regions. Chromosome Research, 2018, 26, 199-210.	1.0	6
50	Characterization of chlorophyll-deficient soybean [Glycine max (L.) Merr.] mutants obtained by ion-beam irradiation reveals concomitant reduction in isoflavone levels. Genetic Resources and Crop Evolution, 2021, 68, 1213-1223.	0.8	5
51	Quantitative trait loci mapping of Meloidogyne incognita and M.Âhapla resistance in a recombinant inbred line population of soybean. Nematology, 2018, 20, 525-537.	0.2	4
52	Transcription of soybean retrotransposon SORE-1 is temporally upregulated in developing ovules. Planta, 2018, 248, 1331-1337.	1.6	3
53	Recessive Resistance Governed by a Major Quantitative Trait Locus Restricts Clover Yellow Vein Virus in Mechanically but Not Graft-Inoculated Cultivated Soybeans. Molecular Plant-Microbe Interactions, 2019, 32, 1026-1037.	1.4	3
54	Invitation to soybean research. Ikushugaku Kenkyu, 2013, 15, 51-56.	0.1	1

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55	Molecular-genetic study on flowering and growth habit of soybean by use of germplasm. Ikushugaku Kenkyu, 2018, 20, 159-163.	0.1	0
56	Functional Divergence of G and Its Homologous Genes for Green Pigmentation in Soybean Seeds. Frontiers in Plant Science, 2021, 12, 796981.	1.7	0
57	Title is missing!. , 2019, 14, e0226116.		0
58	Title is missing!. , 2019, 14, e0226116.		0
59	Title is missing!. , 2019, 14, e0226116.		0
60	Title is missing!. , 2019, 14, e0226116.		0