

Ryoji Takahashi

List of Publications by Year in descending order

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43
papers

1,869
citations

279487

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docs citations

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times ranked

1146
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#	ARTICLE	IF	CITATIONS
1	Map-Based Cloning of the Gene Associated With the Soybean Maturity Locus <i>E3</i> . <i>Genetics</i> , 2009, 182, 1251-1262.	1.2	350
2	Genetic Redundancy in Soybean Photoresponses Associated With Duplication of the Phytochrome A Gene. <i>Genetics</i> , 2008, 180, 995-1007.	1.2	335
3	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.	2.0	128
4	QTL analysis of cleistogamy in soybean. <i>Theoretical and Applied Genetics</i> , 2008, 117, 479-487.	1.8	69
5	Association of <i>T</i> Gene with Chilling Tolerance in Soybean. <i>Crop Science</i> , 1996, 36, 559-562.	0.8	59
6	A single-base deletion in soybean flavonol synthase gene is associated with magenta flower color. <i>Plant Molecular Biology</i> , 2006, 63, 125-135.	2.0	58
7	QTL Analysis of Low Temperature Induced Browning in Soybean Seed Coats. <i>Journal of Heredity</i> , 2007, 98, 360-366.	1.0	58
8	Quantitative trait locus mapping of soybean maturity gene <i>E5</i> . <i>Breeding Science</i> , 2016, 66, 407-415.	0.9	56
9	A MYB Transcription Factor Controls Flower Color in Soybean. <i>Journal of Heredity</i> , 2013, 104, 149-153.	1.0	55
10	A new allele of flower color gene <i>W1</i> encoding flavonoid 3'-hydroxylase is responsible for light purple flowers in wild soybean <i>Glycine soja</i> . <i>BMC Plant Biology</i> , 2010, 10, 155.	1.6	42
11	Linkage mapping, molecular cloning and functional analysis of soybean gene <i>Fg2</i> encoding flavonol 3-O-glucoside (1,6) rhamnosyltransferase. <i>Plant Molecular Biology</i> , 2014, 84, 287-300.	2.0	42
12	Soybean Maturity Genes Associated with Seed Coat Pigmentation and Cracking in Response to Low Temperatures. <i>Crop Science</i> , 1999, 39, 1657-1662.	0.8	38
13	Soybean Maturity and Pubescence Color Genes Improve Chilling Tolerance. <i>Crop Science</i> , 2005, 45, 1387-1393.	0.8	36
14	Association of Soybean Genes <i>I</i> and <i>T</i> with Low Temperature Induced Seed Coat Deterioration. <i>Crop Science</i> , 1997, 37, 1755-1759.	0.8	34
15	Nonsense Mutation of an MYB Transcription Factor Is Associated with Purple-Blue Flower Color in Soybean. <i>Journal of Heredity</i> , 2011, 102, 458-463.	1.0	33
16	Analysis of Flavonoids in Pubescence of Soybean Near-isogenic Lines for Pubescence Color Loci. <i>Journal of Heredity</i> , 2006, 97, 438-443.	1.0	32
17	Analysis of Flavonoids in Flower Petals of Soybean Near-isogenic Lines for Flower and Pubescence Color Genes. <i>Journal of Heredity</i> , 2007, 98, 250-257.	1.0	31
18	Linkage mapping, molecular cloning and functional analysis of soybean gene <i>Fg3</i> encoding flavonol 3-O-glucoside/galactoside (1,6) glucosyltransferase. <i>BMC Plant Biology</i> , 2015, 15, 126.	1.6	30

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19	Difference in chilling-induced flavonoid profiles, antioxidant activity and chilling tolerance between soybean near-isogenic lines for the pubescence color gene. <i>Journal of Plant Research</i> , 2011, 124, 173-182.	1.2	29
20	The soybean F3H protein is localized to the tonoplast in the seed coat hilum. <i>Planta</i> , 2012, 236, 79-89.	1.6	28
21	Cloning and characterization of soybean gene Fg1 encoding flavonol 3-O-glucoside/galactoside (1 α '6) glucosyltransferase. <i>Plant Molecular Biology</i> , 2016, 92, 445-456.	2.0	27
22	Molecular Cloning and Linkage Mapping of Cryptochrome Multigene Family in Soybean. <i>Plant Genome</i> , 2009, 2, .	1.6	27
23	Analysis of Flavonoids in Flower Petals of Soybean Flower Color Variants. <i>Crop Science</i> , 2008, 48, 1918-1924.	0.8	24
24	Soybean Maturity Gene Effects on Seed Coat Pigmentation and Cracking in Response to Low Temperatures. <i>Crop Science</i> , 2004, 44, 2038-2042.	0.8	23
25	Genetic and Linkage Analysis of Purple-blue Flower in Soybean. <i>Journal of Heredity</i> , 2008, 99, 593-597.	1.0	23
26	QTL Analysis of Soybean Seed Coat Discoloration Associated with <i>TT</i> Genotype. <i>Crop Science</i> , 2011, 51, 464-469.	0.8	23
27	Single-Base Substitution in PIB-ATPase Gene Is Associated with a Major QTL for Seed Cadmium Concentration in Soybean. <i>Journal of Heredity</i> , 2012, 103, 278-286.	1.0	22
28	Allelic variation of soybean flower color gene W4 encoding dihydroflavonol 4-reductase 2. <i>BMC Plant Biology</i> , 2014, 14, 58.	1.6	19
29	AFLP Mapping of Soybean Maturity Gene E4. <i>Journal of Heredity</i> , 2008, 99, 193-197.	1.0	17
30	CACTA-superfamily transposable element is inserted in MYB transcription factor gene of soybean line producing variegated seeds. <i>Genome</i> , 2015, 58, 365-374.	0.9	15
31	An Active CACTA-Family Transposable Element is Responsible for Flower Variegation in Wild Soybean <i>Glycine soja</i> . <i>Plant Genome</i> , 2012, 5, 62-70.	1.6	13
32	QTL analysis of net-like cracking in soybean seed coats. <i>Breeding Science</i> , 2010, 60, 28-33.	0.9	12
33	Varietal Differences and Morphology of Cleistogamy in Soybean. <i>Crop Science</i> , 2010, 50, 185-190.	0.8	11
34	Seed Coat Cracking in Soybean Isolines for Pubescence Color and Maturity. <i>Crop Science</i> , 2002, 42, 71.	0.8	11
35	New flavonol triglycosides from the leaves of soybean cultivars. <i>Natural Product Communications</i> , 2013, 8, 453-6.	0.2	11
36	Identification of cleistogamy-associated proteins in flower buds of near-isogenic lines of soybean by differential proteomic analysis. <i>Peptides</i> , 2009, 30, 2095-2102.	1.2	10

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37	QTL Analysis of Seed Coat Cracking in Soybean. <i>Crop Science</i> , 2010, 50, 1230-1235.	0.8	10
38	Loss-of-Function Mutation of Soybean R2R3 MYB Transcription Factor Dilutes Tawny Pubescence Color. <i>Frontiers in Plant Science</i> , 2019, 10, 1809.	1.7	10
39	Structure of Flavonoid 3-O-Hydroxylase Gene for Pubescence Color in Soybean. <i>Crop Science</i> , 2005, 45, 2212-2217.	0.8	8
40	Inverted Repeat of Chalcone Synthase 3 Pseudogene Is Associated with Seed Coat Discoloration in Soybean. <i>Crop Science</i> , 2013, 53, 518-523.	0.8	5
41	Genetic and Chemical Analysis of Deep Purple Flower in Soybean. <i>Crop Science</i> , 2017, 57, 1893-1898.	0.8	2
42	New Quercetin Triglycoside from the Leaves of Soybean Cultivar "Clark". <i>Natural Product Communications</i> , 2019, 14, 1934578X1984361.	0.2	2
43	New Allelic Variant Discovered at Soybean Flower Color Locus <i>W1</i> Encoding Flavonoid 3-O-Hydroxylase. <i>Crop Science</i> , 2016, 56, 1506-1513.	0.8	1