

NewAgrobacterium helper plasmids for gene transfer to

Transgenic Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sustained root culture for generation and vegetative propagation of transgenic <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 1993, 12, 603-6.	2.8	27
2	Factors influencing transformation frequency of tomato (<i>Lycopersicon esculentum</i>). <i>Plant Cell Reports</i> , 1993, 12, 644-647.	2.8	107
3	<i>Agrobacterium</i> -mediated gene transfer to plant cells: cointegrate and binary vector systems. , 1994, , 33-51.		33
4	Stable expression of the GUS reporter gene in chrysanthemum depends on binary plasmid T-DNA. <i>Plant Cell Reports</i> , 1994, 14, 59-64.	2.8	53
5	<i>Agrobacterium tumefaciens</i> Transformation of Monocotyledons. <i>Crop Science</i> , 1995, 35, 301-309.	0.8	104
6	Analysis of conditions for <i>Agrobacterium</i> -mediated transformation of tobacco cells in suspension. <i>Transgenic Research</i> , 1995, 4, 199-207.	1.3	23
7	Strength and tissue specificity of chimeric promoters derived from the octopine and mannopine synthase genes. <i>Plant Journal</i> , 1995, 7, 661-676.	2.8	258
8	Production of the AVR9 elicitor from the fungal pathogen <i>Cladosporium fulvum</i> in transgenic tobacco and tomato plants. <i>Plant Molecular Biology</i> , 1995, 29, 909-920.	2.0	39
9	Sugar-binding activity of pea (<i>Pisum sativum</i>) lectin is essential for heterologous infection of transgenic white clover hairy roots by <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> . <i>Plant Molecular Biology</i> , 1995, 29, 431-439.	2.0	45
10	Synergistic activity of chitinases and β -1,3-glucanases enhances fungal resistance in transgenic tomato plants. <i>Euphytica</i> , 1995, 85, 173-180.	0.6	248
11	Efficient genetic transformation of red raspberry, <i>Rubus ideaus</i> L.. <i>Plant Cell Reports</i> , 1995, 14, 471-6.	2.8	35
12	Efficient Genetic Transformation of Chrysanthemum (<i>Dendranthema grandiflorum</i> (Ramat.) Kitamura) Using Stem Segments.. <i>Breeding Science</i> , 1995, 45, 179-184.	0.2	14
13	Gene Transfer to Plants. , 1995, , .		45
14	The effect of exogenously-applied phytohormones on gene transfer efficiency in sugarbeet (<i>Beta</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1.7 47		
15	Genetic modification of the commercial apple cultivars Gala, Golden Delicious and Elstar via an <i>Agrobacterium tumefaciens</i> -mediated transformation method. <i>Plant Science</i> , 1996, 119, 125-133.	1.7	64
16	Initiation of Plant Disease Resistance by Physical Interaction of AvrPto and Pto Kinase. <i>Science</i> , 1996, 274, 2060-2063.	6.0	630
17	Rapid transformation of <i>Medicago truncatula</i> : regeneration via shoot organogenesis. <i>Plant Cell Reports</i> , 1996, 16, 6-11.	2.8	72
18	Improvements in the transformation of <i>Arabidopsis thaliana</i> C24 leaf-discs by <i>Agrobacterium tumefaciens</i> . <i>Plant Cell Reports</i> , 1996, 15, 572-577.	2.8	22

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19	Agrobacterium-mediated transformation of apple (<i>Malus x domestica</i> Borkh.): an assessment of factors affecting regeneration of transgenic plants. <i>Plant Cell Reports</i> , 1996, 15, 549-554.	2.8	87
20	Stable transfer of intact high molecular weight DNA into plant chromosomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9975-9979.	3.3	391
21	The 22 bp W1 element in the pea lectin promoter is necessary and, as a multimer, sufficient for high gene expression in tobacco seeds. <i>Plant Molecular Biology</i> , 1996, 32, 515-523.	2.0	14
22	Genetic transformation of Brassica. <i>Plant Breeding</i> , 1996, 115, 209-225.	1.0	92
23	The TYLCV-tolerant tomato line MP-1 is characterized by superior transformation competence. <i>Journal of Experimental Botany</i> , 1997, 48, 1919-1923.	2.4	46
24	High Expression of Truncated Viral Rep Protein Confers Resistance to Tomato Yellow Leaf Curl Virus in Transgenic Tomato Plants. <i>Molecular Plant-Microbe Interactions</i> , 1997, 10, 571-579.	1.4	73
25	Polygalacturonase-Inhibiting Proteins (PGIPs) with Different Specificities Are Expressed in <i>Phaseolus vulgaris</i> . <i>Molecular Plant-Microbe Interactions</i> , 1997, 10, 852-860.	1.4	112
26	A simple system for pea transformation. <i>Plant Cell Reports</i> , 1997, 16, 513-519.	2.8	129
27	Genetic transformation of lime (<i>Citrus aurantifolia</i> Swing.): factors affecting transformation and regeneration. <i>Plant Cell Reports</i> , 1997, 16, 731-737.	2.8	99
28	Novel use of <i>polA</i> bacteria for inserting DNA fragments into <i>Agrobacterium</i> binary vectors. <i>Journal of Microbiological Methods</i> , 1997, 31, 89-94.	0.7	0
29	A binary-BAC system for plant transformation with high-molecular-weight DNA. <i>Gene</i> , 1997, 200, 107-116.	1.0	191
30	Transformation and regeneration of transgenic aspen plants via shoot formation from stem explants. <i>Physiologia Plantarum</i> , 1997, 99, 554-561.	2.6	32
31	Forest tree biotechnology. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1997, 57, 1-44.	0.6	8
32	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 1997, 48, 53-61.	1.2	14
33	Transgenic <i>Populus tremula</i> : a step-by-step protocol for its <i>Agrobacterium</i> -mediated transformation. <i>Plant Molecular Biology Reporter</i> , 1997, 15, 219-235.	1.0	75
34	Title is missing!. <i>Transgenic Research</i> , 1997, 7, 51-59.	1.3	113
35	SAAT: sonication-assisted <i>Agrobacterium</i> -mediated transformation. <i>Transgenic Research</i> , 1997, 6, 329-336.	1.3	227
36	A temperature-dependent morphological mutant of tobacco. <i>Planta</i> , 1997, 201, 303-310.	1.6	7

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37	Transgenic caraway, <i>Carum carvi</i> L.: a model species for metabolic engineering. <i>Plant Cell Reports</i> , 1997, 17, 39-43.	2.8	13
38	Development of a binary vector system for plant transformation based on the supervirulent <i>Agrobacterium tumefaciens</i> strain Chry5. <i>Plant Cell Reports</i> , 1997, 17, 102-108.	2.8	56
39	Insect-resistant transgenic brinjal plants. <i>Molecular Breeding</i> , 1998, 4, 33-37.	1.0	79
40	Adaptation of Cotton Shoot Apex Culture to <i>Agrobacterium</i> -Mediated Transformation. <i>Plant Molecular Biology Reporter</i> , 1998, 16, 283-283.	1.0	61
41	Transgenic peppermint (<i>Mentha piperita</i> L.) plants obtained by cocultivation with <i>Agrobacterium tumefaciens</i> . <i>Plant Cell Reports</i> , 1998, 17, 165-171.	2.8	50
42	MEI1, an <i>Arabidopsis</i> gene required for male meiosis: isolation and characterization. <i>Sexual Plant Reproduction</i> , 1998, 11, 199-207.	2.2	27
43	The use of a thermostable β -glucanase gene from <i>Clostridium thermocellum</i> as a reporter gene in plants. <i>Molecular Genetics and Genomics</i> , 1998, 257, 561-567.	2.4	21
44	Rapid and efficient transformation of diploid <i>Medicago truncatula</i> and <i>Medicago sativa</i> ssp. <i>falcata</i> lines improved in somatic embryogenesis. <i>Plant Cell Reports</i> , 1998, 17, 345-355.	2.8	173
45	Sonication-assisted <i>Agrobacterium</i> -mediated transformation of soybean immature cotyledons: optimization of transient expression. <i>Plant Cell Reports</i> , 1998, 17, 752-759.	2.8	144
46	Etiolation of 'Royal Gala' apple (<i>Malus domestica</i> Borkh.) shoots promotes high-frequency shoot organogenesis and enhanced β -glucuronidase expression from stem internodes. <i>Plant Cell Reports</i> , 1998, 18, 32-36.	2.8	24
47	Factors affecting soybean cotyledonary node transformation. <i>Plant Cell Reports</i> , 1998, 18, 180-186.	2.8	109
48	<i>Agrobacterium</i> -mediated transformation of the commercially important citrus cultivar Washington navel orange. <i>Plant Cell Reports</i> , 1998, 18, 229-234.	2.8	81
49	GUS expression in blueberry (<i>Vaccinium</i> spp.): factors influencing <i>Agrobacterium</i> -mediated gene transfer efficiency. <i>Plant Cell Reports</i> , 1998, 18, 266-270.	2.8	52
50	Floral dip: a simplified method for <i>Agrobacterium</i> -mediated transformation of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1998, 16, 735-743.	2.8	19,148
51	High efficiency transformation of peppermint (<i>Mentha piperita</i> L.) with <i>Agrobacterium tumefaciens</i> . <i>Plant Science</i> , 1998, 136, 101-108.	1.7	34
52	Developmental-regulation and tissue-specific expression of two different seed promoter GUS-fusions in transgenic lines of <i>Vicia narbonensis</i> . <i>Journal of Plant Physiology</i> , 1998, 152, 621-629.	1.6	16
53	<i>Chrysanthemum</i> cultivar "Agrobacterium interactions revealed by GUS expression time course experiments. <i>Scientia Horticulturae</i> , 1998, 77, 89-107.	1.7	16
54	Virulence and supervirulence of <i>Agrobacterium tumefaciens</i> in woody fruit plants. <i>Physiological and Molecular Plant Pathology</i> , 1998, 52, 67-78.	1.3	34

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55	Induction of Defense-Related Responses in Cf9 Tomato Cells by the AVR9 Elicitor Peptide of <i>Cladosporium fulvum</i> Is Developmentally Regulated1. <i>Plant Physiology</i> , 1998, 117, 809-820.	2.3	52
56	Expression of the Yeast FRE Genes in Transgenic Tobacco. <i>Plant Physiology</i> , 1998, 118, 51-58.	2.3	76
57	Site-specific integration of <i>Agrobacterium</i> T-DNA in <i>Arabidopsis thaliana</i> mediated by Cre recombinase. <i>Nucleic Acids Research</i> , 1998, 26, 2729-2734.	6.5	107
58	Transformation of <i>Arabidopsis thaliana</i> C24 Leaf Discs by <i>Agrobacterium tumefaciens</i> . , 1998, 82, 245-258.		5
59	Preparation of Coat Protein-Containing Binary Vectors for Use in <i>Agrobacterium</i> -Mediated Transformation. , 1998, 81, 341-352.		0
60	Differences in Adventitious Shoot Regeneration Capacity among Japanese Chrysanthemum [<i>Dendranthema grandiflorum</i> (Ramat.) Kitamura] Cultivars and the Improved Protocol for <i>Agrobacterium</i> -mediated Genetic Transformation.. <i>Journal of the Japanese Society for Horticultural Science</i> . 1998. 67. 958-964.	0.4	21
61	A Novel Subtilisin-like Protease Gene from <i>Arabidopsis thaliana</i> is Expressed at Sites of Lateral Root Emergence. <i>DNA Research</i> , 1999, 6, 13-19.	1.5	61
62	Processing, Targeting, and Antifungal Activity of Stinging Nettle Agglutinin in Transgenic Tobacco. <i>Plant Physiology</i> , 1999, 120, 421-432.	2.3	48
63	Methods of Genetic Transformation: <i>Agrobacterium tumefaciens</i> . <i>Advances in Cellular and Molecular Biology of Plants</i> , 1999, , 43-82.	0.2	31
64	Title is missing!. <i>Molecular Breeding</i> , 1999, 5, 367-375.	1.0	45
65	Selection of <i>Arabidopsis</i> mutants overexpressing genes driven by the promoter of an auxin-inducible glutathione S-transferase gene. <i>Plant Molecular Biology</i> , 1999, 39, 979-990.	2.0	8
66	Sequences surrounding the transcription initiation site of the <i>Arabidopsis</i> enoyl-acyl carrier protein reductase gene control seed expression in transgenic tobacco. <i>Plant Molecular Biology</i> , 1999, 39, 1197-1207.	2.0	25
67	The use of glufosinate as a selective agent in <i>Agrobacterium</i> -mediated transformation of soybean. <i>Plant Cell, Tissue and Organ Culture</i> , 1999, 56, 37-46.	1.2	181
68	Tissue culture and <i>Agrobacterium</i> -mediated transformation of watercress. <i>Plant Cell, Tissue and Organ Culture</i> , 1999, 58, 171-176.	1.2	10
69	<i>Agrobacterium</i> -mediated transformation of lavandin (<i>Lavandula x intermedia</i> Emeric ex Loiseleur). <i>Transgenic Research</i> , 1999, 8, 335-347.	1.3	12
70	Transgenic almond (<i>Prunus dulcis</i> Mill.) plants obtained by <i>Agrobacterium</i> -mediated transformation of leaf explants. <i>Plant Cell Reports</i> , 1999, 18, 387-393.	2.8	82
71	<i>Agrobacterium tumefaciens</i> -mediated transformation of greenhouse-grown <i>Brassica rapa</i> ssp. <i>oleifera</i> . <i>Plant Cell Reports</i> , 1999, 18, 773-777.	2.8	34
72	Introduction of pathogen defense genes and a cytokinin biosynthesis gene into sugarbeet (<i>Beta</i>) Tj ETQq1 1 0.784314 rgBT / Overloc	2.8	43

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73	Agrobacterium tumefaciens-mediated transformation of Pinus pinea L. cotyledons: an assessment of factors influencing the efficiency of uidA gene transfer. Plant Cell Reports, 1999, 19, 51-58.	2.8	64
74	Green fluorescent protein as a screenable marker to increase the efficiency of generating transgenic woody fruit plants. Theoretical and Applied Genetics, 1999, 99, 350-358.	1.8	116
75	Induction of somatic embryogenesis and genetic transformation of ohio buckeye (Aesculus glabra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	18
76	Novel biotechnological approaches in environmental remediation research. Biotechnology Advances, 1999, 17, 679-687.	6.0	74
77	Improved efficiency of uidA gene transfer in stone pine (Pinus pinea) cotyledons using a modified binary vector. Canadian Journal of Forest Research, 1999, 29, 1627-1632.	0.8	17
78	Induction of the Maize GapC4 Promoter in Transgenic Potato under Anaerobiosis and in Erwinia carotovora-Inoculated Tuber Tissue. Molecular Plant-Microbe Interactions, 1999, 12, 182-188.	1.4	6
79	A Second T-Region of the Soybean-Supervirulent Chrysope-Type Ti Plasmid pTiChry5, and Construction of a Fully Disarmed vir Helper Plasmid. Molecular Plant-Microbe Interactions, 2000, 13, 1081-1091.	1.4	47
80	Fe(III) reductase, the FRE genes, and FRE ϵ -transformed tobacco. Journal of Plant Nutrition, 2000, 23, 1941-1951.	0.9	2
81	Genetic Evaluation and Modification of the Accumulation of Limonoids in Citrus. ACS Symposium Series, 2000, , 230-237.	0.5	1
82	Use of Agrobacterium expressing green fluorescent protein to evaluate colonization of sonication-assisted Agrobacterium-mediated transformation-treated soybean cotyledons. Letters in Applied Microbiology, 2000, 30, 406-410.	1.0	25
83	A functional cloning strategy, based on a binary PVX-expression vector, to isolate HR-inducing cDNAs of plant pathogens. Plant Journal, 2000, 24, 275-283.	2.8	130
84	Title is missing!. Euphytica, 2000, 114, 195-203.	0.6	7
85	Study of the factors influencing Agrobacterium-mediated transformation of pea (Pisum sativum L.). Molecular Breeding, 2000, 6, 185-194.	1.0	60
86	Development of transgenic cabbage (Brassica oleracea var. Capitata) for insect resistance by Agrobacterium tumefaciens-mediated transformation. In Vitro Cellular and Developmental Biology - Plant, 2000, 36, 231-237.	0.9	63
87	Agrobacterium-mediated transformation of cereals " from technique development to its application. Acta Physiologiae Plantarum, 2000, 22, 77-88.	1.0	27
88	Transformation of elite white poplar (Populus alba L.) cv. 'Villafranca' and evaluation of herbicide resistance. Plant Cell Reports, 2000, 19, 978-982.	2.8	62
89	Agrobacterium tumefaciens - mediated transformation of soybean [Glycine max (L.) Merrill.] using immature zygotic cotyledon explants. Plant Cell Reports, 2000, 19, 1090-1097.	2.8	77
90	Agrobacterium -mediated transformation of the commercially important grapefruit cultivar Rio Red () Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.8	78

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91	Agrobacterium -mediated transformation of Brassica campestris ssp. Parachinensis with synthetic Bacillus thuringiensis cry1Ab and cry1Ac genes. Plant Cell Reports, 2000, 19, 251-256.	2.8	46
92	Factors affecting Agrobacterium tumefaciens -mediated transformation of peppermint. Plant Cell Reports, 2000, 19, 304-310.	2.8	42
93	Efficient production of transgenic citrus plants expressing the coat protein gene of citrus tristeza virus. Plant Cell Reports, 2000, 19, 427-433.	2.8	116
94	Agrobacterium tumefaciens -mediated transformation of Robinia pseudoacacia. Plant Cell Reports, 2000, 19, 448-453.	2.8	42
95	Susceptibility to Agrobacterium tumefaciens and cotyledonary node transformation in short-season soybean. Plant Cell Reports, 2000, 19, 478-484.	2.8	75
96	Evidence of multiple complex patterns of T-DNA integration into the rice genome. Theoretical and Applied Genetics, 2000, 100, 461-470.	1.8	92
97	A broad exploration of a transgenic population of citrus: stability of gene expression and phenotype. Theoretical and Applied Genetics, 2000, 100, 670-677.	1.8	64
98	Cre/ lox -mediated recombination in Arabidopsis : evidence for transmission of a translocation and a deletion event. Chromosoma, 2000, 109, 287-297.	1.0	32
99	Development of <I>Agrobacterium</I>-mediated transformation method for monocotyledonous plants. Ikushugaku Kenkyu, 2000, 2, 205-213.	0.1	15
100	Assessment of Conditions Affecting Agrobacterium-mediated Soybean Transformation and Routine Recovery of Transgenic Soybean. Developments in Plant Genetics and Breeding, 2000, , 88-94.	0.6	6
101	Ectoine, the Compatible Solute of Halomonas elongata, Confers Hyperosmotic Tolerance in Cultured Tobacco Cells. Plant Physiology, 2000, 122, 1239-1248.	2.3	150
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103	Temporal and spatial activity of a promoter from a pea enzyme inhibitor gene and its exploitation for seed quality improvement. Plant Science, 2000, 159, 289-299.	1.7	40
104	The ability of pea transformation technology to transfer genes into peas adapted to western Canadian growing conditions. Plant Science, 2000, 153, 161-170.	1.7	53
105	Arabidopsis thaliana endo-1,4-\$\text{-}\text{glucanase (cell) Promoter Mediates uidA Expression in Elongating Tissues of Aspen (Populus tremula). Journal of Plant Physiology, 2000, 156, 118-120.	1.6	19
106	Technical Focus:A guide to Agrobacterium binary Ti vectors. Trends in Plant Science, 2000, 5, 446-451.	4.3	427
108	Agroinfiltration Is a Versatile Tool That Facilitates Comparative Analyses of Avr9/Cf-9-Induced and Avr4/Cf-4-Induced Necrosis. Molecular Plant-Microbe Interactions, 2000, 13, 439-446.	1.4	328
109	Transgenic Tomato (Lycopersicon esculentum). Biotechnology in Agriculture and Forestry, 2001, , 212-233.	0.2	1

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110	Additional copies of virG from pTiBo542 provide a super-transformation ability to <i>Agrobacterium tumefaciens</i> in citrus. <i>Physiological and Molecular Plant Pathology</i> , 2001, 58, 103-110.	1.3	31
111	Soybean plants expressing an active oligomeric oxalate oxidase from the wheat gf-2.8 (germin) gene are resistant to the oxalate-secreting pathogen <i>Sclerotinia sclerotiorum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2001, 59, 297-307.	1.3	159
112	Repression of chilling-induced ACC accumulation in transgenic citrus by over-production of antisense 1-aminocyclopropane-1-carboxylate synthase RNA. <i>Plant Science</i> , 2001, 161, 969-977.	1.7	51
113	Construction of a Derivative of <i>Agrobacterium tumefaciens</i> C58 That Does Not Mutate to Tetracycline Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 98-103.	1.4	109
114	Ti- and cryptic-plasmid-borne virulence of wild-type <i>Agrobacterium tumefaciens</i> strain CNI5 isolated from chrysanthemum (<i>Dendranthema grandiflora</i> Tzvelev). <i>Archives of Microbiology</i> , 2001, 176, 315-322.	1.0	4
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116	Proximity of <i>Agrobacterium</i> to living plant tissues induces conversion to a filamentous bacterial form. <i>Plant Cell Reports</i> , 2001, 20, 250-255.	2.8	5
117	Response of transgenic Royal Gala apple (<i>Malus \times domestica</i> Borkh.) shoots carrying a modified cecropin MB39 gene, to <i>Erwinia amylovora</i> . <i>Plant Cell Reports</i> , 2001, 20, 306-312.	2.8	48
118	<i>Agrobacterium</i> -mediated transformation of <i>Campanula glomerata</i> . <i>Plant Cell Reports</i> , 2001, 20, 289-295.	2.8	12
119	Transgenic tea [<i>Camellia sinensis</i> (L.) O. Kuntze cv. Kangra Jat] plants obtained by <i>Agrobacterium</i> -mediated transformation of somatic embryos. <i>Plant Cell Reports</i> , 2001, 20, 712-720.	2.8	124
120	The role of thiol compounds in increasing <i>Agrobacterium</i> -mediated transformation of soybean cotyledonary-node cells. <i>Plant Cell Reports</i> , 2001, 20, 731-737.	2.8	124
121	Development of transgenic tobacco harboring a zeatin O-glucosyltransferase gene from <i>Phaseolus</i> . In <i>Vitro Cellular and Developmental Biology - Plant</i> , 2001, 37, 354-360.	0.9	33
122	Purification and properties of an endo- β -1,4-glucanase from strawberry and down-regulation of the corresponding gene, cel1. <i>Planta</i> , 2001, 214, 11-21.	1.6	84
123	Plantlet regeneration of sugarcane varieties and transient GUS expression in calli by electroporation. <i>Sugar Tech</i> , 2001, 3, 27-33.	0.9	8
124	Title is missing!. <i>Molecular Breeding</i> , 2001, 7, 35-42.	1.0	84
125	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 65, 211-220.	1.2	31
126	Transformation of azuki bean by <i>Agrobacterium tumefaciens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 64, 47-54.	1.2	41
127	2-Deoxyglucose resistance: a novel selection marker for plant transformation. <i>Molecular Breeding</i> , 2001, 7, 221-227.	1.0	46

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128	Title is missing!. Molecular Breeding, 2001, 7, 101-115.	1.0	43
129	Title is missing!. Molecular Breeding, 2001, 7, 175-185.	1.0	115
130	Transgenic cotton: factors influencing Agrobacterium-mediated transformation and regeneration. Molecular Breeding, 2001, 8, 37-52.	1.0	122
131	Analysis of celery (<i>Apium graveolens</i>) mannitol dehydrogenase (Mtd) promoter regulation in Arabidopsis suggests roles for MTD in key environmental and metabolic responses. Plant Molecular Biology, 2001, 47, 621-631.	2.0	35
132	Agrobacterium-mediated transformation of <i>Vicia faba</i> . Molecular Breeding, 2001, 8, 243-254.	1.0	50
133	A recombinase-mediated transcriptional induction system in transgenic plants. Plant Molecular Biology, 2001, 45, 41-49.	2.0	94
134	Superfluous Transgene Integration in Plants. Critical Reviews in Plant Sciences, 2001, 20, 215-249.	2.7	28
135	Plant gene expression response to <i>Agrobacterium tumefaciens</i> . Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10954-10959.	3.3	172
136	Efficient Down-Regulation of the Major Vegetative Storage Protein Genes in Transgenic Soybean Does Not Compromise Plant Productivity. Plant Physiology, 2001, 127, 1819-1826.	2.3	30
137	A Pollen Coat Protein, SP11/SCR, Determines the PollenS-Specificity in the Self-Incompatibility of Brassica Species. Plant Physiology, 2001, 125, 2095-2103.	2.3	165
138	An improved procedure for production of white spruce (<i>Picea glauca</i>) transgenic plants using <i>Agrobacterium tumefaciens</i> . Journal of Experimental Botany, 2001, 52, 2089-2095.	2.4	53
139	Efficient vir Gene Induction in <i>Agrobacterium tumefaciens</i> Requires virA, virG, and vir Box from the Same Ti Plasmid. Journal of Bacteriology, 2001, 183, 4079-4089.	1.0	18
140	Identification of Distinct Specificity Determinants in Resistance Protein Cf-4 Allows Construction of a Cf-9 Mutant That Confers Recognition of Avirulence Protein AVR4. Plant Cell, 2001, 13, 273-285.	3.1	98
141	Tolerance of transformed cotton to glufosinate. Weed Science, 2001, 49, 375-380.	0.8	23
142	Glucosylation Activity and Complex Formation of Two Classes of Reversibly Glycosylated Polypeptides. Plant Physiology, 2002, 129, 278-289.	2.3	63
143	The Cell Wall Hydroxyproline-Rich Glycoprotein RSH Is Essential for Normal Embryo Development in Arabidopsis. Plant Cell, 2002, 14, 1161-1172.	3.1	142
144	Analysis of the DRR230 family of pea defensins: gene expression pattern and evidence of broad host-range antifungal activity. Plant Science, 2002, 163, 855-864.	1.7	26
145	Transformation of <i>Statice</i> (<i>Limonium sinuatum</i> Mill.) by <i>Agrobacterium tumefaciens</i> -Mediated Gene Transfer.. Plant Biotechnology, 2002, 19, 87-93.	0.5	1

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146	Pre-Culture Treatment Enhances Transient GUS Gene Expression in Leaf Segment of <i>Saintpaulia ionantha</i> Wendl. after Inoculation with <i>Agrobacterium tumefaciens</i> . <i>Plant Biotechnology</i> , 2002, 19, 149-152.	0.5	3
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148	Comparative study of promoter activity of three anther-specific genes encoding lipid transfer protein, xyloglucan endotransglucosylase/hydrolase and polygalacturonase in transgenic <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2002, 21, 90-96.	2.8	38
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443	Early Flowering Phenotype in Transgenic Pears (<i>Pyrus communis</i> L.) Expressing the CiFT Gene. <i>Japanese Society for Horticultural Science</i> , 2009, 78, 410-416.	0.8	45
444	Over-expression of Î±-galactosidase in pea seeds to reduce raffinose oligosaccharide content This paper is one of a selection of papers published in a Special Issue from the National Research Council of Canada "Plant Biotechnology Institute.. <i>Botany</i> , 2009, 87, 526-532.	0.5	16
445	Overexpression of Several <i>Arabidopsis</i> Histone Genes Increases <i>Agrobacterium</i> -Mediated Transformation and Transgene Expression in Plants. <i>Plant Cell</i> , 2009, 21, 3350-3367.	3.1	71
446	Sucrose phosphate synthase expression influences poplar phenology. <i>Tree Physiology</i> , 2009, 29, 937-946.	1.4	60
447	<i>Agrobacterium</i> -Mediated T-DNA Transfer and Integration by Minimal VirD2 Consisting of the Relaxase Domain and a Type IV Secretion System Translocation Signal. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1356-1365.	1.4	43
448	Sucrose synthase affects carbon partitioning to increase cellulose production and altered cell wall ultrastructure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13118-13123.	3.3	337
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451	Novel Cysteine-Rich Peptides from <i>Digitaria ciliaris</i> and <i>Oryza sativa</i> Enhance Tolerance to Cadmium by Limiting its Cellular Accumulation. <i>Plant and Cell Physiology</i> , 2009, 50, 106-117.	1.5	84
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453	Î²' Subunit of soybean Î²-conglycinin forms complex with rice glutelin via a disulphide bond in transgenic rice seeds. <i>Journal of Experimental Botany</i> , 2009, 60, 4015-4027.	2.4	17
454	Expression of the <i>Arabidopsis thaliana</i> Histone Gene AtHTA1 Enhances Rice Transformation Efficiency. <i>Molecular Plant</i> , 2009, 2, 832-837.	3.9	22
455	Reproducible RNA Preparation from Sugarcane and Citrus for Functional Genomic Applications. <i>International Journal of Plant Genomics</i> , 2009, 2009, 1-13.	2.2	8
456	Fine-Tuning of the Cytoplasmic Ca ²⁺ Concentration Is Essential for Pollen Tube Growth. <i>Plant Physiology</i> , 2009, 150, 1322-1334.	2.3	172
457	<i>MERE1</i> , a Low-Copy-Number Copia-Type Retroelement in <i>Medicago truncatula</i> Active during Tissue Culture. <i>Plant Physiology</i> , 2009, 151, 1250-1263.	2.3	46
458	Optimization of elastin-like polypeptide fusions for expression and purification of recombinant proteins in plants. <i>Biotechnology and Bioengineering</i> , 2009, 103, 562-573.	1.7	108
459	Shift in polyphenol profile and sublethal phenotype caused by silencing of anthocyanidin synthase in apple (<i>Malus</i> sp.). <i>Planta</i> , 2009, 229, 681-692.	1.6	61

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475	Genetic transformation and regeneration of <i>Sesbania drummondii</i> using cotyledonary nodes. <i>Plant Cell Reports</i> , 2009, 28, 31-40.	2.8	15
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481	Transgenic <i>Amorphophallus konjac</i> expressing synthesized acyl-homoserine lactonase (aiiA) gene exhibit enhanced resistance to soft rot disease. <i>Plant Cell Reports</i> , 2009, 28, 1847-1855.	2.8	46
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570	Insights into a nonhomologous integration pathway in the dermatophyte <i>Trichophyton mentagrophytes</i> : efficient targeted gene disruption by use of mutants lacking ligase IV. <i>Microbiology and Immunology</i> , 2011, 55, 34-43.	0.7	12
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579	Promoter of the AISAP gene from the halophyte grass <i>Aeluropus littoralis</i> directs developmental-regulated, stress-inducible, and organ-specific gene expression in transgenic tobacco. <i>Transgenic Research</i> , 2011, 20, 1003-1018.	1.3	38
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583	Visualisation of stromules in transgenic wheat expressing a plastid-targeted yellow fluorescent protein. <i>Planta</i> , 2011, 233, 961-970.	1.6	20
584	MusaDHN-1, a novel multiple stress-inducible SK3-type dehydrin gene, contributes affirmatively to drought- and salt-stress tolerance in banana. <i>Planta</i> , 2011, 234, 915-932.	1.6	136
585	Estrogen-inducible GFP expression patterns in rice (<i>Oryza sativa</i> L.). <i>Plant Cell Reports</i> , 2011, 30, 529-538.	2.8	28

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587	Isolation of a citrus promoter specific for reproductive organs and its functional analysis in isolated juice sacs and tomato. <i>Plant Cell Reports</i> , 2011, 30, 1627-1640.	2.8	13
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601	Suppression of a NAC-Like Transcription Factor Gene Improves Boron-Toxicity Tolerance in Rice. <i>Plant Physiology</i> , 2011, 156, 1457-1463.	2.3	34
602	Functional effect of grapevine 1-deoxy-D-xylulose 5-phosphate synthase substitution K284N on Muscat flavour formation. <i>Journal of Experimental Botany</i> , 2011, 62, 5497-5508.	2.4	105
603	Red Clover HCT2, a Hydroxycinnamoyl-Coenzyme A:Malate Hydroxycinnamoyl Transferase, Plays a Crucial Role in Biosynthesis of Phaelic Acid and Other Hydroxycinnamoyl-Malate Esters in Vivo. <i>Plant Physiology</i> , 2011, 155, 1060-1067.	2.3	22

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637	Applications of Biotechnology in Kiwifruit (<i>Actinidia</i>). , 0, , .		8
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645	Ectopic expression of a rice transcription factor, Mybleu, enhances tolerance of transgenic plants of Carrizo citrange to low oxygen stress. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 327-339.	1.2	18
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659	Agrobacterium-Mediated In Planta Transformation of Field Bean (<i>Lablab purpureus</i> L.) and Recovery of Stable Transgenic Plants Expressing the cry1AcF Gene. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 67-78.	1.0	23
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670	Overcoming recalcitrant transformation and gene manipulation in <i>Pucciniomycotina</i> yeasts. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 283-295.	1.7	39
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673	Levels of phytoene and Î²-carotene in transgenic honeydew melon (<i>Cucumis melo</i> L. <i>inodorus</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 113, 291-301.	1.2	6
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675	Enhanced accumulation of cadmium in <i>Linum usitatissimum</i> L. plants due to overproduction of metallothionein Î±-domain as a fusion to Î²-glucuronidase protein. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 112, 321-330.	1.2	33
676	Molecular characterization of VvSDIR1 from <i>Vitis vinifera</i> and its functional analysis by heterologous expression in <i>Nicotiana tabacum</i> . <i>Protoplasma</i> , 2013, 250, 565-576.	1.0	14
677	Evaluation of factors influencing Agrobacterium-mediated spinach transformation and transformant selection by EGFP fluorescence under low-selective pressure. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 498-509.	0.9	6

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680	High-level production of human interleukin-10 fusions in tobacco cell suspension cultures. <i>Plant Biotechnology Journal</i> , 2013, 11, 535-545.	4.1	66
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683	<i>Agrobacterium</i> -mediated transformation of reed (<i>Phragmites communis</i> Trinius) using mature seed-derived calli. <i>GCB Bioenergy</i> , 2013, 5, 73-80.	2.5	16
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685	Expression of a rice chitinase gene in transgenic banana (<i>Gros Michel</i> TM , AAA genome group) confers resistance to black leaf streak disease. <i>Transgenic Research</i> , 2013, 22, 117-130.	1.3	93
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690	Factors influencing regeneration and <i>Agrobacterium tumefaciens</i> -mediated transformation of common bean (<i>Phaseolus vulgaris</i> L.). <i>Plant Biotechnology Reports</i> , 2013, 7, 59-70.	0.9	24
691	Stable germ line transformation of a leafy vegetable crop amaranth (<i>Amaranthus tricolor</i> L.) mediated by <i>Agrobacterium tumefaciens</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 114-128.	0.9	22
692	Characterization and host range of five tumorigenic <i>Agrobacterium tumefaciens</i> strains and possible application in plant transient transformation assays. <i>Plant Pathology</i> , 2013, 62, 1384-1397.	1.2	23
693	Genetic transformation and full recovery of alfalfa plants via secondary somatic embryogenesis. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 17-23.	0.9	16
694	Virus-Induced Gene Silencing for Rice Using Agroinoculation. <i>Methods in Molecular Biology</i> , 2013, 975, 33-45.	0.4	9
695	ku70 and ku80 null mutants improve the gene targeting frequency in <i>Monascus ruber</i> M7. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4965-4976.	1.7	66
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698	GUS expression driven by constitutive and phloem-specific promoters in citrus hybrid US-802. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 255-265.	0.9	14
699	Transgenic banana plants overexpressing a native plasma membrane aquaporin <i>AtPIP1;2</i> display high tolerance levels to different abiotic stresses. <i>Plant Biotechnology Journal</i> , 2013, 11, 942-952.	4.1	156
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790	The promoter of the ALSAP gene from the halophyte grass <i>Aeluropus littoralis</i> directs a stress-inducible expression pattern in transgenic rice plants. <i>Plant Cell Reports</i> , 2015, 34, 1791-1806.	2.8	18
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802	Cleavage of <i>INDOLE-3-ACETIC ACID INDUCIBLE28</i> mRNA by <i>MicroRNA847</i> Upregulates Auxin Signaling to Modulate Cell Proliferation and Lateral Organ Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 574-590.	3.1	79
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808	Heat mediated silencing of MdTFL1 genes in apple (<i>Malus domestica</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 123, 511-521.	1.2	10
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831	Nuclear dynamics and genetic rearrangement in heterokaryotic colonies of <i>Fusarium oxysporum</i> . <i>Fungal Genetics and Biology</i> , 2016, 91, 20-31.	0.9	34
832	<i>Diaporthe endophytica</i> and <i>D. terebinthifolii</i> from medicinal plants for biological control of <i>Phyllosticta citricarpa</i> . <i>Microbiological Research</i> , 2016, 186-187, 153-160.	2.5	47
833	Seamless Genome Editing in Rice via Gene Targeting and Precise Marker Elimination. <i>Methods in Molecular Biology</i> , 2016, 1469, 137-146.	0.4	2
834	A <i>Coccidioides posadasii</i> CPS1 Deletion Mutant Is Avirulent and Protects Mice from Lethal Infection. <i>Infection and Immunity</i> , 2016, 84, 3007-3016.	1.0	47
835	Development of a novel strategy for fungal transformation based on a mutant locus conferring carboxin-resistance in <i>Magnaporthe oryzae</i> . <i>AMB Express</i> , 2016, 6, 57.	1.4	21
836	<i>Agrobacterium</i> -mediated transformation of European chestnut somatic embryos with a <i>Castanea sativa</i> (Mill.) endochitinase gene. <i>New Forests</i> , 2016, 47, 669-684.	0.7	27
837	Enzymatic production of oroxylin A and hispidulin using a liverwort flavone 6-O-methyltransferase. <i>FEBS Letters</i> , 2016, 590, 2619-2628.	1.3	10
838	Targeted Mutagenesis in Rice Using TALENs and the CRISPR/Cas9 System. <i>Methods in Molecular Biology</i> , 2016, 1469, 123-135.	0.4	12
839	Chromosome and Genomic Engineering in Plants. <i>Methods in Molecular Biology</i> , 2016, , .	0.4	0
840	Marker-free PLRV resistant potato mediated by Cre-loxP excision and RNAi. <i>Transgenic Research</i> , 2016, 25, 813-828.	1.3	18

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841	Minor Coat and Heat Shock Proteins Are Involved in the Binding of Citrus Tristeza Virus to the Foregut of Its Aphid Vector, <i>Toxoptera citricida</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 6294-6302.	1.4	34
842	Pod borer resistant transgenic pigeon pea (<i>Cajanus cajan</i> L.) expressing <i>cry1Ac</i> transgene generated through simplified <i>Agrobacterium</i> transformation of pricked embryo axes. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 717-727.	1.2	21
843	Suppressor of fusion, a <i>Fusarium oxysporum</i> homolog of Ndt80, is required for nutrient-dependent regulation of anastomosis. <i>Fungal Genetics and Biology</i> , 2016, 95, 49-57.	0.9	9
844	Low <i>Agrobacterium tumefaciens</i> inoculum levels and a long co-culture period lead to reduced plant defense responses and increase transgenic shoot production of sunflower (<i>Helianthus annuus</i> L.). In <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 354-366.	0.9	17
845	Two Members of the Aluminum-Activated Malate Transporter Family, <i>SIALMT4</i> and <i>SIALMT5</i> , are Expressed during Fruit Development, and the Overexpression of <i>SIALMT5</i> Alters Organic Acid Contents in Seeds in Tomato (<i>Solanum lycopersicum</i>). <i>Plant and Cell Physiology</i> , 2016, 57, 2367-2379.	1.5	33
846	Overexpression of a glyoxalase gene, <i>OsGly I</i> , improves abiotic stress tolerance and grain yield in rice (<i>Oryza sativa</i> L.). <i>Plant Physiology and Biochemistry</i> , 2016, 109, 62-71.	2.8	40
847	Plant molecular biology: Tools to develop transgenics. , 2016, , 33-60.		0
848	Metabolic engineering to produce $\hat{3}$ -linolenic acid in <i>Brassica napus</i> using a $\hat{6}$ -desaturase from pike eel. <i>Plant Biotechnology Reports</i> , 2016, 10, 475-481.	0.9	3
849	Molecular, physiological, and agronomical characterization, in greenhouse and in field conditions, of soybean plants genetically modified with <i>AtGols2</i> gene for drought tolerance. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	21
850	The <i>ZmRCP-1</i> promoter of maize provides root tip specific expression of transgenes in plantain. <i>Journal of Biological Research</i> , 2016, 23, 4.	2.2	11
851	Salt tolerance conferred by expression of a global regulator <i>IrrE</i> from <i>Deinococcus radiodurans</i> in oilseed rape. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	8
852	Increase of anthraquinone content in <i>Rubia cordifolia</i> cells transformed by native and constitutively active forms of the <i>AtCPK1</i> gene. <i>Plant Cell Reports</i> , 2016, 35, 1907-1916.	2.8	22
853	Comparative expression analysis of five caulimovirus promoters in citrus. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 229-238.	1.2	11
854	<i>Tnt1</i> retrotransposon as an efficient tool for development of an insertional mutant collection of <i>Lotus japonicus</i> . In <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 338-347.	0.9	6
855	<i>Rpi-blb2</i> gene from <i>Solanum bulbocastanum</i> confers extreme resistance to late blight disease in potato. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 269-281.	1.2	26
856	Inactivation of the global regulator <i>LaeA</i> in <i>Monascus ruber</i> results in a species-dependent response in sporulation and secondary metabolism. <i>Fungal Biology</i> , 2016, 120, 297-305.	1.1	69
857	NOD promoter-controlled <i>AtIRT1</i> expression functions synergistically with <i>NAS</i> and <i>FERRITIN</i> genes to increase iron in rice grains. <i>Plant Molecular Biology</i> , 2016, 90, 207-215.	2.0	72
858	Efficient heat-shock removal of the selectable marker gene in genetically modified grapevine. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 124, 471-481.	1.2	37

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859	Transgenic overexpression of Leucaena Γ^2 -carbonic anhydrases in tobacco does not affect carbon assimilation and overall biomass. <i>Plant Biosystems</i> , 2016, 150, 932-941.	0.8	1
860	Production of highly bioactive resveratrol analogues pterostilbene and piceatannol in metabolically engineered grapevine cell cultures. <i>Plant Biotechnology Journal</i> , 2016, 14, 1813-1825.	4.1	57
861	The opposite roles of <i>agdA</i> and <i>glaA</i> on citric acid production in <i>Aspergillus niger</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5791-5803.	1.7	29
862	Transgenic apple plants overexpressing the chalcone 3-hydroxylase gene of <i>Cosmos sulphureus</i> show increased levels of 3-hydroxyphloridzin and reduced susceptibility to apple scab and fire blight. <i>Planta</i> , 2016, 243, 1213-1224.	1.6	35
864	Sandalwood: basic biology, tissue culture, and genetic transformation. <i>Planta</i> , 2016, 243, 847-887.	1.6	74
865	Genetic and Phenotypic analyses of Calcineurin A subunit in <i>Arthroderma vanbreuseghemii</i> . <i>Medical Mycology</i> , 2016, 54, 207-218.	0.3	5
866	Banana NAC transcription factor MusaNAC042 is positively associated with drought and salinity tolerance. <i>Protoplasma</i> , 2017, 254, 803-816.	1.0	80
867	Artificial <i>Agrobacterium tumefaciens</i> strains exhibit diverse mechanisms to repress <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> -induced hypersensitive response and non-host resistance in <i>Nicotiana benthamiana</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 489-502.	2.0	14
868	Overexpression of TIFY genes promotes plant growth in rice through jasmonate signaling. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 906-913.	0.6	29
869	Production of taxadiene by engineering of mevalonate pathway in <i>Escherichia coli</i> and endophytic fungus <i>Alternaria alternata</i> TPF6. <i>Biotechnology Journal</i> , 2017, 12, 1600697.	1.8	39
870	An extra repABC locus in the <i>incRh2</i> Ti plasmid pTiBo542 exerts incompatibility toward an <i>incRh1</i> plasmid. <i>Plasmid</i> , 2017, 90, 20-29.	0.4	4
871	<i>Agrobacterium</i> -delivered virulence protein VirE2 is trafficked inside host cells via a myosin XI-powered ER/actin network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2982-2987.	3.3	47
872	Inducible expression of Bs2 R gene from <i>Capsicum chacoense</i> in sweet orange (<i>Citrus sinensis</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 607-621.	2.0	36
873	Terbinafine Resistance of Trichophyton Clinical Isolates Caused by Specific Point Mutations in the Squalene Epoxidase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	215
874	Silencing of <i>Agrobacterium tumefaciens</i> oncogenes <i>ipt</i> and <i>iaaM</i> induces resistance to crown gall disease in plum but not in apricot. <i>Pest Management Science</i> , 2017, 73, 2163-2173.	1.7	9
875	Overexpression of a thaumatin-like protein gene from <i>Vitis amurensis</i> improves downy mildew resistance in <i>Vitis vinifera</i> grapevine. <i>Protoplasma</i> , 2017, 254, 1579-1589.	1.0	35
876	<i>Agrobacterium tumefaciens</i> -mediated transformation of oleaginous yeast <i>Lipomyces</i> species. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6099-6110.	1.7	22
877	Fluorescent markers of various organelles in the wheat pathogen <i>Zymoseptoria tritici</i> . <i>Fungal Genetics and Biology</i> , 2017, 105, 16-27.	0.9	25

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878	ROOT DETERMINED NODULATION1 Is Required for <i>M. truncatula</i> CLE12, But Not CLE13, Peptide Signaling through the SUNN Receptor Kinase. <i>Plant Physiology</i> , 2017, 174, 2445-2456.	2.3	55
879	Coating Nanoparticles with Plant-Produced Transferrin-Hydrophobin Fusion Protein Enhances Their Uptake in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2017, 28, 1639-1648.	1.8	31
880	Antifungal genes expressed in transgenic pea (<i>Pisum sativum</i> L.) do not affect root colonization of arbuscular mycorrhizae fungi. <i>Mycorrhiza</i> , 2017, 27, 683-694.	1.3	3
881	<i>Agrobacterium</i> delivers VirE2 protein into host cells via clathrin-mediated endocytosis. <i>Science Advances</i> , 2017, 3, e1601528.	4.7	51
882	Perturbation of H3K27me3-Associated Epigenetic Processes Increases <i>Agrobacterium</i> -Mediated Transformation. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 35-44.	1.4	7
883	Genetics and Genomics of <i>Setaria</i> . <i>Plant Genetics and Genomics: Crops and Models</i> , 2017, , .	0.3	18
884	Engineering in Plant Genome Using <i>Agrobacterium</i> : Progress and Future. , 2017, , 91-111.		5
885	Exogenous and endogenous increase in fungal GGPP increased fungal Taxol production. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7523-7533.	1.7	23
886	Green synthesis of silver nanoparticles using transgenic <i>Nicotiana tabacum</i> callus culture expressing silicatein gene from marine sponge <i>Latrunculia oparinae</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-13.	1.9	17
887	Generation of blue chrysanthemums by anthocyanin B-ring hydroxylation and glucosylation and its coloration mechanism. <i>Science Advances</i> , 2017, 3, e1602785.	4.7	116
888	R/Avr gene expression study of Rpi-vnt1.1 transgenic potato resistant to the <i>Phytophthora infestans</i> clonal lineage EC-1. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 259-268.	1.2	16
889	MdMYB4, an R2R3-Type MYB Transcription Factor, Plays a Crucial Role in Cold and Salt Stress in Apple Calli. <i>Journal of the American Society for Horticultural Science</i> , 2017, 142, 209-216.	0.5	14
890	<i>Agrobacterium</i> -Mediated Plant Transformation: Biology and Applications. <i>The Arabidopsis Book</i> , 2017, 15, e0186.	0.5	200
891	Construction of high efficiency regeneration and transformation systems of <i>Pyrus ussuriensis</i> Maxim. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 139-150.	1.2	15
892	Evaluation of a MdMYB10/GFP43 fusion gene for its suitability to act as reporter gene in promoter studies in <i>Fragaria vesca</i> L. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 345-356.	1.2	4
893	Production of BP178, a derivative of the synthetic antibacterial peptide BP100, in the rice seed endosperm. <i>BMC Plant Biology</i> , 2017, 17, 63.	1.6	23
894	Isoprenoid biosynthesis in dandelion latex is enhanced by the overexpression of three key enzymes involved in the mevalonate pathway. <i>BMC Plant Biology</i> , 2017, 17, 88.	1.6	41
895	Analysis of the lipid body proteome of the oleaginous alga <i>Lobosphaera incisa</i> . <i>BMC Plant Biology</i> , 2017, 17, 98.	1.6	44

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897	Development and field performance of nitrogen use efficient rice lines for Africa. <i>Plant Biotechnology Journal</i> , 2017, 15, 775-787.	4.1	28
898	BiBAC Modification and Stable Transfer into Maize (<i>Zea mays</i>) Hiâ€œImmature Embryos via <i>Agrobacterium</i> â€• Mediated Transformation. <i>Current Protocols in Plant Biology</i> , 2017, 2, 350-369.	2.8	6
899	Enhanced Grain Iron Levels in Rice Expressing an IRON-REGULATED METAL TRANSPORTER, NICOTIANAMINE SYNTHASE, and FERRITIN Gene Cassette. <i>Frontiers in Plant Science</i> , 2017, 8, 130.	1.7	88
900	Plant Glyoxylate/Succinic Semialdehyde Reductases: Comparative Biochemical Properties, Function during Chilling Stress, and Subcellular Localization. <i>Frontiers in Plant Science</i> , 2017, 8, 1399.	1.7	21
901	Ectopic Expression of <i>Aeluropus littoralis</i> Plasma Membrane Protein Gene ALTMP1 Confers Abiotic Stress Tolerance in Transgenic Tobacco by Improving Water Status and Cation Homeostasis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 692.	1.8	24
902	Reproducible genomic DNA preparation from diverse crop species for molecular genetic applications. <i>Plant Methods</i> , 2017, 13, 106.	1.9	15
903	OPTIMIZATION OF FACTORS AFFECTING THE <i>Agrobacterium tumefaciens</i> - MEDIATED TRANSFORMATION OF <i>Eucalyptus saligna</i> . <i>Revista Arvore</i> , 2017, 41, .	0.5	2
904	Overexpression of <i>SRS5</i> improves grain size of brassinosteroid-related dwarf mutants in rice (<i>Oryza sativa</i> L.). <i>Breeding Science</i> , 2017, 67, 393-397.	0.9	25
905	A simplified and efficient <i>Agrobacterium tumefaciens</i> electroporation method. <i>3 Biotech</i> , 2018, 8, 148.	1.1	17
906	<i>Agrobacterium</i> -mediated transformation of a <i>Eucalyptus camaldulensis</i> – <i>E. tereticornis</i> hybrid using peeled nodal-stem segments with yeast HAL2 for improving salt tolerance. <i>New Forests</i> , 2018, 49, 311-327.	0.7	6
907	Overexpression of ALTMP2 gene from the halophyte grass <i>Aeluropus littoralis</i> in transgenic tobacco enhances tolerance to different abiotic stresses by improving membrane stability and deregulating some stress-related genes. <i>Protoplasma</i> , 2018, 255, 1161-1177.	1.0	24
908	Study on factors influencing transformation efficiency in <i>Pinus massoniana</i> using <i>Agrobacterium tumefaciens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 133, 437-445.	1.2	17
909	Comparative effects of ethylene inhibitors on <i>Agrobacterium</i>-mediated transformation of drought-tolerant wild watermelon. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 433-441.	0.6	9
910	OsWRKY24, a blast-disease responsive transcription factor, positively regulates rice disease resistance. <i>Journal of General Plant Pathology</i> , 2018, 84, 85-91.	0.6	11
911	The <i>Agrobacterium</i> F-Box Protein Effector VirF Destabilizes the <i>Arabidopsis</i> GLABROUS1 Enhancer/Binding Protein-Like Transcription Factor VFP4, a Transcriptional Activator of Defense Response Genes. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 576-586.	1.4	16
912	Ultraviolet-B enhances the resistance of multiple plant species to lepidopteran insect herbivory through the jasmonic acid pathway. <i>Scientific Reports</i> , 2018, 8, 277.	1.6	37
913	Transgenic Tea Over-expressing <i>Solanum tuberosum</i> Endo-1,3-beta-d-glucanase Gene Conferred Resistance Against Blister Blight Disease. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 107-122.	1.0	17

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914	Effective removal of a range of Ti/Ri plasmids using a pBBR1-type vector having a repABC operon and a lux reporter system. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1823-1836.	1.7	5
915	Rice phytochelatin synthases Os<sc>PCS</sc>1 and Os<sc>PCS</sc>2 make different contributions to cadmium and arsenic tolerance. <i>Plant Direct</i> , 2018, 2, e00034.	0.8	86
916	Production of high oleic/low linoleic rice by genome editing. <i>Plant Physiology and Biochemistry</i> , 2018, 131, 58-62.	2.8	123
917	Lack of efficacy of transgenic pea (<i>Pisum sativum</i>L.) stably expressing antifungal genes against<i>Fusarium spp.</i>in three years of confined field trials. <i>GM Crops and Food</i> , 2018, 9, 90-108.	2.0	11
918	Genotype-independent and enhanced in planta <i>Agrobacterium tumefaciens</i> -mediated genetic transformation of peanut [<i>Arachis hypogaea</i> (L.)]. <i>3 Biotech</i> , 2018, 8, 202.	1.1	21
919	Facilitated citrate-dependent iron translocation increases rice endosperm iron and zinc concentrations. <i>Plant Science</i> , 2018, 270, 13-22.	1.7	47
920	Inâ€solution antibody harvesting with a plantâ€produced hydrophobinâ€Protein A fusion. <i>Plant Biotechnology Journal</i> , 2018, 16, 404-414.	4.1	10
921	Description of the <i>Nicotiana benthamiana</i> â€Cercospora nicotianae Pathosystem. <i>Phytopathology</i> , 2018, 108, 149-155.	1.1	3
922	Aluminium-induced cell death requires upregulation of NtVPE1 gene coding vacuolar processing enzyme in tobacco (<i>Nicotiana tabacum</i> L.). <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 152-161.	1.5	19
923	Comparative analysis of the <i>Agrobacterium</i> mediated transformation using primary and secondary callus of indica rice (<i>Oryza sativa</i> L.) using phosphinothricin as selecting medium. <i>Australian Journal of Crop Science</i> , 2018, 12, 1660-1667.	0.1	2
924	Highly efficient G-AgarTrap-mediated transformation of the <i>Marchantia polymorpha</i> model strains Tak-1 and Tak-2. <i>Plant Biotechnology</i> , 2018, 35, 399-403.	0.5	11
925	Screening of Colombian soybean genotypes for <i>Agrobacterium</i> mediated genetic transformation conferring tolerance to Glyphosate. <i>Agronomia Colombiana</i> , 2018, 36, 24-34.	0.1	5
926	Contributions of Three Starch Branching Enzyme Isozymes to the Fine Structure of Amylopectin in Rice Endosperm. <i>Frontiers in Plant Science</i> , 2018, 9, 1536.	1.7	42
927	Presence of an <i>Agrobacterium</i> -Type Tumor-Inducing Plasmid in <i>Neorhizobium</i> sp. NCHU2750 and the Link to Phytopathogenicity. <i>Genome Biology and Evolution</i> , 2018, 10, 3188-3195.	1.1	13
928	Establishment of a conditional TALEN system using the translational enhancer dMac3 and an inducible promoter activated by glucocorticoid treatment to increase the frequency of targeted mutagenesis in plants. <i>PLoS ONE</i> , 2018, 13, e0208959.	1.1	5
929	<i>Agrobacterium</i> Delivers Anchorage Protein VirE3 for Companion VirE2 to Aggregate at Host Entry Sites for T-DNA Protection. <i>Cell Reports</i> , 2018, 25, 302-311.e6.	2.9	17
930	Improved <i>Agrobacterium tumefaciens</i> -mediated transformation of soybean [<i>Glycine max</i> (L.) Merr.] following optimization of culture conditions and mechanical techniques. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 672-688.	0.9	18
931	<i>Agrobacterium</i> -mediated transformation of the wild orchid <i>Cattleya maxima</i> Lindl. <i>Universitas Scientiarum</i> , 2018, 23, 89.	0.2	4

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932	A Single Effector Protein, AvrRpt2 ^{EA} , from <i>Erwinia amylovora</i> Can Cause Fire Blight Disease Symptoms and Induces a Salicylic Acid-Dependent Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1179-1191.	1.4	19
933	Real-Time Trafficking of <i>Agrobacterium</i> Virulence Protein VirE2 Inside Host Cells. <i>Current Topics in Microbiology and Immunology</i> , 2018, 418, 261-286.	0.7	11
934	Successful floral-tipping transformation of post-anthesis lisianthus (<i>Eustoma grandiflorum</i>) flowers. <i>Plant Journal</i> , 2018, 96, 869-879.	2.8	10
935	Embryogenic Callus as Target for Efficient Transformation of <i>Cyclamen persicum</i> Enabling Gene Function Studies. <i>Frontiers in Plant Science</i> , 2018, 9, 1035.	1.7	18
936	Induction of Terpene Biosynthesis in Berries of Microvine Transformed with VvDXS1 Alleles. <i>Frontiers in Plant Science</i> , 2017, 8, 2244.	1.7	15
937	<i>Agrobacterium</i> : A Genome-Editing Tool-Delivery System. <i>Current Topics in Microbiology and Immunology</i> , 2018, 418, 463-488.	0.7	14
938	Genetic Transformation of Millets: The Way Ahead. , 2018, , 249-286.		3
939	Thermo-responsive allele of <i>sucrose synthase 3</i> (<i>Sus3</i>) provides high-temperature tolerance during the ripening stage in rice (<i>Oryza sativa</i> L.). <i>Breeding Science</i> , 2018, 68, 336-342.	0.9	26
940	Overexpression of 9-cis-Epoxycarotenoid Dioxygenase Cisgene in Grapevine Increases Drought Tolerance and Results in Pleiotropic Effects. <i>Frontiers in Plant Science</i> , 2018, 9, 970.	1.7	55
941	Development of <i>Wolffia arrhiza</i> as a Producer for Recombinant Human Granulocyte Colony-Stimulating Factor. <i>Frontiers in Chemistry</i> , 2018, 6, 304.	1.8	19
942	Improved G-AgarTrap: A highly efficient transformation method for intact gemmalings of the liverwort <i>Marchantia polymorpha</i> . <i>Scientific Reports</i> , 2018, 8, 10800.	1.6	39
943	Development of transgenic pigeonpea using high throughput plumular meristem transformation method. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 135, 73-83.	1.2	13
944	Embryo-specific expression of a visual reporter gene as a selection system for citrus transformation. <i>PLoS ONE</i> , 2018, 13, e0190413.	1.1	12
945	Xylem specific activation of 5'™ upstream regulatory region of two NAC transcription factors (<i>MusaVND6</i> and <i>MusaVND7</i>) in banana is regulated by SNBE-like sites. <i>PLoS ONE</i> , 2018, 13, e0192852.	1.1	9
946	Targeting intracellular transport combined with efficient uptake and storage significantly increases grain iron and zinc levels in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 9-20.	4.1	77
947	Genetic Transformation. , 2019, , 141-202.		3
948	Discovery of the <i>Agrobacterium</i> growth inhibition sequence in virus and its application to recombinant clone screening. <i>AMB Express</i> , 2019, 9, 116.	1.4	6
949	A low-frequency magnetic Field regulates <i>Monascus</i> pigments synthesis via reactive oxygen species in <i>M. purpureus</i> . <i>Process Biochemistry</i> , 2019, 86, 16-24.	1.8	23

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950	Rice plants have three homologs of glutathione synthetase genes, one of which, <i>OsGS2</i> , codes for hydroxymethylglutathione synthetase. <i>Plant Direct</i> , 2019, 3, e00119.	0.8	7
951	<i>Agrobacterium</i> -mediated Transformation of <i>Kalanchoe laxiflora</i> . <i>Horticultural Plant Journal</i> , 2019, 5, 221-228.	2.3	7
952	Improvement of <i>Agrobacterium</i> -mediated transformation for tannin-producing sorghum. <i>Plant Biotechnology</i> , 2019, 36, 43-48.	0.5	8
953	<i>Agrobacterium</i> -mediated Genetic Transformation of Lentil (<i>Lens culinaris</i> Medik.) with Chitinase Gene followed by In vitro Flower and Pod Formation. <i>Plant Tissue Culture and Biotechnology</i> , 2019, 29, 99-109.	0.1	4
955	Identification of the Virulence Factors of <i>Candidatus Liberibacter asiaticus</i> via Heterologous Expression in <i>Nicotiana benthamiana</i> using Tobacco Mosaic Virus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5575.	1.8	23
956	An efficient and reproducible <i>Agrobacterium</i> -mediated transformation method for hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Plant Methods</i> , 2019, 15, 121.	1.9	121
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