

# James A H Murray

## List of Publications by Year in descending order

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139  
papers

13,205  
citations

19657

61  
h-index

24982

109  
g-index

147  
all docs

147  
docs citations

147  
times ranked

10535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of the <i>Pseudomonas</i> Polyene Protegencin by a Phylogeny-Guided Study of Polyene Biosynthetic Gene Cluster Diversity. <i>MBio</i> , 2021, 12, e0071521.	4.1	16
2	Segmentation of Meristem Cells by an Automated Optimization Algorithm. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8523.	2.5	0
3	Bioluminescent detection of isothermal DNA amplification in microfluidic generated droplets and artificial cells. <i>Scientific Reports</i> , 2020, 10, 21886.	3.3	14
4	Genomic Assemblies of Members of <i>Burkholderia</i> and Related Genera as a Resource for Natural Product Discovery. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	9
5	Full Dynamic Range Quantification using Loop-mediated Amplification (LAMP) by Combining Analysis of Amplification Timing and Variance between Replicates at Low Copy Number. <i>Scientific Reports</i> , 2020, 10, 916.	3.3	18
6	Lack of specificity associated with using molecular beacons in loop mediated amplification assays. <i>BMC Biotechnology</i> , 2019, 19, 55.	3.3	19
7	Double or Nothing? Cell Division and Cell Size Control. <i>Trends in Plant Science</i> , 2019, 24, 1083-1093.	8.8	19
8	Reduced False Positives and Improved Reporting of Loop-Mediated Isothermal Amplification using Quenched Fluorescent Primers. <i>Scientific Reports</i> , 2019, 9, 7400.	3.3	113
9	Genome mining identifies cepacin as a plant-protective metabolite of the biopesticidal bacterium <i>Burkholderia ambifaria</i> . <i>Nature Microbiology</i> , 2019, 4, 996-1005.	13.3	106
10	Lineage and stage-specific expressed <i>CYCD7;1</i> coordinates the single symmetric division that creates stomatal guard cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	53
11	Coordination of meristem and boundary functions by transcription factors in the SHOOT MERISTEMLESS regulatory network. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	41
12	Fluc: Brighter <i>Photinus pyralis</i> firefly luciferases identified by surveying consecutive single amino acid deletion mutations in a thermostable variant. <i>Biotechnology and Bioengineering</i> , 2018, 115, 50-59.	3.3	6
13	Optimised LAMP allows single copy detection of 35Sp and NOST in transgenic maize using Bioluminescent Assay in Real Time (BART). <i>Scientific Reports</i> , 2018, 8, 17590.	3.3	33
14	Convergent synthesis and optical properties of near-infrared emitting bioluminescent infra-luciferins. <i>RSC Advances</i> , 2017, 7, 3975-3982.	3.6	23
15	The Next Generation of Training for Arabidopsis Researchers: Bioinformatics and Quantitative Biology. <i>Plant Physiology</i> , 2017, 175, 1499-1509.	4.8	11
16	Genome-wide chromatin mapping with size resolution reveals a dynamic sub-nucleosomal landscape in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2017, 13, e1006988.	3.5	29
17	Cell-size dependent progression of the cell cycle creates homeostasis and flexibility of plant cell size. <i>Nature Communications</i> , 2017, 8, 15060.	12.8	133
18	Re-induction of the cell cycle in the <i>Arabidopsis</i> post-embryonic root meristem is ABA-insensitive, GA-dependent and repressed by KRP6. <i>Scientific Reports</i> , 2016, 6, 23586.	3.3	14

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19	Seed size plasticity in response to embryonic lethality conferred by ectopic CYCD activation is dependent on plant architecture. <i>Plant Signaling and Behavior</i> , 2016, 11, e1192741.	2.4	6
20	Activation of <i>CYCD3;1</i> in the central cell and early endosperm overcomes cell cycle arrest in the <i>Arabidopsis</i> female gametophyte, and promotes early endosperm and embryo development. <i>Plant Journal</i> , 2015, 84, 41-55.	5.7	21
21	Standards for plant synthetic biology: a common syntax for exchange of DNA parts. <i>New Phytologist</i> , 2015, 208, 13-19.	7.3	263
22	DEFECTIVE KERNEL 1 promotes and maintains plant epidermal differentiation. <i>Development (Cambridge)</i> , 2015, 142, 1978-1983.	2.5	36
23	AINTEGUMENTA and the D-type cyclin CYCD3;1 independently contribute to petal size control in <i>Arabidopsis</i> : evidence for organ size compensation being an emergent rather than a determined property. <i>Journal of Experimental Botany</i> , 2015, 66, 3991-4000.	4.8	29
24	<i>AINTEGUMENTA</i> and the D-type cyclin <i>CYCD3;1</i> regulate root secondary growth and respond to cytokinins. <i>Biology Open</i> , 2015, 4, 1229-1236.	1.2	89
25	The plant cell cycle in context. <i>Journal of Experimental Botany</i> , 2014, 65, 2557-2562.	4.8	63
26	STM sustains stem cell function in the <i>Arabidopsis</i> shoot apical meristem and controls <i>KNOX</i> gene expression independently of the transcriptional repressor AS1. <i>Plant Signaling and Behavior</i> , 2014, 9, e28934.	2.4	40
27	WOX5 Suppresses CYCLIN D Activity to Establish Quiescence at the Center of the Root Stem Cell Niche. <i>Current Biology</i> , 2014, 24, 1939-1944.	3.9	197
28	Glutathione Transport: A New Role for PfCRT in Chloroquine Resistance. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 683-695.	5.4	50
29	The <i>Arabidopsis</i> homeobox gene <i>SHOOT MERISTEMLESS</i> has cellular and meristem organisational roles with differential requirements for cytokinin and <i>CYCD3</i> activity. <i>Plant Journal</i> , 2013, 75, 53-66.	5.7	77
30	The <i>Arabidopsis</i> CDK inhibitor ICK3/KRP5 is rate limiting for primary root growth and promotes growth through cell elongation and endoreduplication. <i>Journal of Experimental Botany</i> , 2013, 64, 1-13.	4.8	39
31	D-type cyclins control cell division and developmental rate during <i>Arabidopsis</i> seed development. <i>Journal of Experimental Botany</i> , 2012, 63, 3571-3586.	4.8	56
32	To Divide and to Rule; Regulating Cell Division in Roots During Post-embryonic Growth. <i>Progress in Botany Fortschritte Der Botanik</i> , 2012, , 57-80.	0.3	5
33	Systems Analysis of Shoot Apical Meristem Growth and Development: Integrating Hormonal and Mechanical Signaling. <i>Plant Cell</i> , 2012, 24, 3907-3919.	6.6	109
34	A Bistable Circuit Involving SCARECROW-RETINOBLASTOMA Integrates Cues to Inform Asymmetric Stem Cell Division. <i>Cell</i> , 2012, 150, 1002-1015.	28.9	273
35	GMO detection using a bioluminescent real time reporter (BART) of loop mediated isothermal amplification (LAMP) suitable for field use. <i>BMC Biotechnology</i> , 2012, 12, 15.	3.3	113
36	Phyotracker, an information management system for easy recording and tracking of plants, seeds and plasmids. <i>Plant Methods</i> , 2012, 8, 43.	4.3	8

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37	The <i>Arabidopsis</i> D-Type Cyclin CYCD2;1 and the Inhibitor ICK2/KRP2 Modulate Auxin-Induced Lateral Root Formation. <i>Plant Cell</i> , 2011, 23, 641-660.	6.6	111
38	<i>Arabidopsis thaliana</i> Automatic Cell File Detection and Cell Length Estimation. <i>Lecture Notes in Computer Science</i> , 2011, , 1-11.	1.3	5
39	Plant homologs of the <i>Plasmodium falciparum</i> chloroquine-resistance transporter, <i>Pf</i> CRT, are required for glutathione homeostasis and stress responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2331-2336.	7.1	164
40	Spatiotemporal regulation of cell-cycle genes by SHORTROOT links patterning and growth. <i>Nature</i> , 2010, 466, 128-132.	27.8	385
41	<i>Arabidopsis thaliana</i> Chromosome 4 Replicates in Two Phases That Correlate with Chromatin State. <i>PLoS Genetics</i> , 2010, 6, e1000982.	3.5	65
42	Regulation of Cell Proliferation in the Stomatal Lineage by the <i>Arabidopsis</i> MYB FOUR LIPS via Direct Targeting of Core Cell Cycle Genes. <i>Plant Cell</i> , 2010, 22, 2306-2321.	6.6	152
43	Novel Bioluminescent Quantitative Detection of Nucleic Acid Amplification in Real-Time. <i>PLoS ONE</i> , 2010, 5, e14155.	2.5	73
44	MAPK Phosphatase AP2C3 Induces Ectopic Proliferation of Epidermal Cells Leading to Stomata Development in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2010, 5, e15357.	2.5	84
45	Regulatory processes underscoring the light control of shoot meristem activity and leaf initiation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 153, S205.	1.8	0
46	Dissecting regulatory pathways of G1/S control in <i>Arabidopsis</i> : common and distinct targets of CYCD3;1, E2Fa and E2Fc. <i>Plant Molecular Biology</i> , 2009, 71, 345-365.	3.9	50
47	The D-type cyclin CYCD4;1 modulates lateral root density in <i>Arabidopsis</i> by affecting the basal meristem region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22528-22533.	7.1	73
48	Control of division and differentiation of plant stem cells and their derivatives. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 1134-1142.	5.0	27
49	The AUXIN BINDING PROTEIN 1 Is Required for Differential Auxin Responses Mediating Root Growth. <i>PLoS ONE</i> , 2009, 4, e6648.	2.5	124
50	Comprehensive gene expression atlas for the <i>Arabidopsis</i> MAP kinase signalling pathways. <i>New Phytologist</i> , 2008, 179, 643-662.	7.3	105
51	Degradation of the cyclin-dependent kinase inhibitor KRP1 is regulated by two different ubiquitin E3 ligases. <i>Plant Journal</i> , 2008, 53, 705-716.	5.7	97
52	Distinct Light-Initiated Gene Expression and Cell Cycle Programs in the Shoot Apex and Cotyledons of <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 947-968.	6.6	113
53	Comprehensive Transcriptome Analysis of Auxin Responses in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2008, 1, 321-337.	8.3	308
54	A model for <i>Arabidopsis</i> class-1 KNOX gene function. <i>Plant Signaling and Behavior</i> , 2008, 3, 257-259.	2.4	29

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55	BART: SMART BIOCHEMISTRY, BRIGHT BIOLUMINESCENCE, LOW-COST HARDWARE. , 2008, , .		0
56	BART APPLICATIONS IN MEDICAL AND FOOD DIAGNOSTICS. , 2008, , .		0
57	Plant D-type cyclins: structure, roles and functions. SEB Experimental Biology Series, 2008, 59, 1-28.	0.1	2
58	Genomic Organization and Evolutionary Conservation of Plant D-Type Cyclins. Plant Physiology, 2007, 145, 1558-1576.	4.8	52
59	<i>Arabidopsis</i> CYCD3 D-type cyclins link cell proliferation and endocycles and are rate-limiting for cytokinin responses. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14537-14542.	7.1	333
60	Enhanced Transformation of TNT by Tobacco Plants Expressing a Bacterial Nitroreductase. International Journal of Phytoremediation, 2007, 9, 385-401.	3.1	52
61	The KNOX gene SHOOT MERISTEMLESS is required for the development of reproductive meristematic tissues in <i>Arabidopsis</i> . Plant Journal, 2007, 50, 767-781.	5.7	107
62	A novel family of thiol transporters from plants. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, S266.	1.8	0
63	Synchronization, Transformation, and Cryopreservation of Suspension-Cultured Cells. , 2006, 323, 45-62.		24
64	KNOX Gene Function in Plant Stem Cell Niches. Plant Molecular Biology, 2006, 60, 929-946.	3.9	179
65	Cell Cycle Regulated D3-type Cyclins form Active Complexes with Plant-specific B-type Cyclin-dependent Kinase in vitro. Plant Molecular Biology, 2006, 61, 311-327.	3.9	18
66	The Evolving Concept of the Meristem. Plant Molecular Biology, 2006, 60, V-VII.	3.9	9
67	A greenprint for growth: signalling the pattern of proliferation. Current Opinion in Plant Biology, 2006, 9, 490-495.	7.1	9
68	The D-Type Cyclin CYCD3;1 Is Limiting for the G1-to-S-Phase Transition in <i>Arabidopsis</i> . Plant Cell, 2006, 18, 893-906.	6.6	196
69	Mutagenesis of solvent-exposed amino acids in <i>Photinus pyralis</i> luciferase improves thermostability and pH-tolerance. Biochemical Journal, 2006, 397, 305-312.	3.7	68
70	Proteomic Analysis of CDK-Cyclin Complexes. FASEB Journal, 2006, 20, .	0.5	0
71	BART-NAAT – A NOVEL BIOLUMINESCENT ASSAY FOR REAL-TIME NUCLEIC ACID AMPLIFICATION. , 2005, , .		0
72	Global analysis of the core cell cycle regulators of <i>Arabidopsis</i> identifies novel genes, reveals multiple and highly specific profiles of expression and provides a coherent model for plant cell cycle control. Plant Journal, 2005, 41, 546-566.	5.7	430

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73	Transcriptional activation of tobacco E2F is repressed by co-transfection with the retinoblastoma-related protein: cyclin D expression overcomes this repressor activity. <i>Plant Molecular Biology</i> , 2005, 57, 83-100.	3.9	50
74	D-type cyclins activate division in the root apex to promote seed germination in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15694-15699.	7.1	152
75	The developmental context of cell-cycle control in plants. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 385-396.	5.0	77
76	A SINGLE-STEP BIOLUMINESCENT ENDPOINT ASSAY FOR NUCLEIC ACID AMPLIFICATION TECHNOLOGIES. , 2005, , .		0
77	BIOLUMINESCENT DETECTION OF RNA HYDROLYSIS PROBES IN DNA TESTING. , 2005, , .		0
78	Ectopic expression of <i>Arabidopsis</i> CYCD2 and CYCD3 in tobacco has distinct effects on the structural organization of the shoot apical meristem. <i>Journal of Experimental Botany</i> , 2004, 56, 123-34.	4.8	29
79	Differential stability of <i>Arabidopsis</i> D-type cyclins: CYCD3;1 is a highly unstable protein degraded by a proteasome-dependent mechanism. <i>Plant Journal</i> , 2004, 38, 616-625.	5.7	65
80	Cryopreservation of transformed and wild-type <i>Arabidopsis</i> and tobacco cell suspension cultures. <i>Plant Journal</i> , 2004, 37, 635-644.	5.7	47
81	Genome-wide gene expression in an <i>Arabidopsis</i> cell suspension. <i>Plant Molecular Biology</i> , 2003, 53, 423-442.	3.9	224
82	<i>Arabidopsis</i> transcript profiling on Affymetrix GeneChip arrays. <i>Plant Molecular Biology</i> , 2003, 53, 457-465.	3.9	55
83	The ethanol switch: a tool for tissue-specific gene induction during plant development. <i>Plant Journal</i> , 2003, 36, 918-930.	5.7	115
84	Altered Cell Cycle Distribution, Hyperplasia, and Inhibited Differentiation in <i>Arabidopsis</i> Caused by the D-Type Cyclin CYCD3. <i>Plant Cell</i> , 2003, 15, 79-92.	6.6	412
85	THE PLANT CELL CYCLE. <i>Annual Review of Plant Biology</i> , 2003, 54, 235-264.	18.7	430
86	Isolation, characterization and expression of cyclin and cyclin-dependent kinase genes in Jerusalem artichoke ( <i>Helianthus tuberosus</i> L.). <i>Journal of Experimental Botany</i> , 2003, 54, 303-308.	4.8	23
87	The AtRbx1 Protein Is Part of Plant SCF Complexes, and Its Down-regulation Causes Severe Growth and Developmental Defects. <i>Journal of Biological Chemistry</i> , 2002, 277, 50069-50080.	3.4	59
88	RSC2, Encoding a Component of the RSC Nucleosome Remodeling Complex, Is Essential for 2 $\mu$ m Plasmid Maintenance in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2002, 22, 4218-4229.	2.3	62
89	Plant D-type cyclins and the control of G1 progression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 749-760.	4.0	111
90	Cell Cycle-regulated Gene Expression in <i>Arabidopsis</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 41987-42002.	3.4	222

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91	DNA PLASMID TRANSMISSION IN YEAST IS ASSOCIATED WITH SPECIFIC SUB-NUCLEAR LOCALISATION DURING CELL DIVISION. <i>Cell Biology International</i> , 2002, 26, 393-405.	3.0	24
92	Synchronous <i>Arabidopsis</i> suspension cultures for analysis of cell-cycle gene activity. <i>Plant Journal</i> , 2002, 30, 203-212.	5.7	314
93	Development of a thermostable firefly luciferase. <i>Analytica Chimica Acta</i> , 2002, 457, 115-123.	5.4	62
94	Phytodetoxification of TNT by transgenic plants expressing a bacterial nitroreductase. <i>Nature Biotechnology</i> , 2001, 19, 1168-1172.	17.5	220
95	A novel and highly divergent <i>Arabidopsis</i> cyclin isolated by complementation in budding yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001, 1539, 1-6.	4.1	14
96	<i>Arabidopsis</i> E2F1 binds a sequence present in the promoter of S-phase-regulated gene <i>AtCDC6</i> and is a member of a multigene family with differential activities. <i>Plant Molecular Biology</i> , 2001, 47, 555-568.	3.9	98
97	Cell cycle controls and the development of plant form. <i>Current Opinion in Plant Biology</i> , 2001, 4, 44-49.	7.1	121
98	Cell Cycle Regulation of Cyclin-Dependent Kinases in Tobacco Cultivar Bright Yellow-2 Cells. <i>Plant Physiology</i> , 2001, 126, 1214-1223.	4.8	114
99	The <i>Arabidopsis</i> D-type Cyclins <i>CycD2</i> and <i>CycD3</i> Both Interact in Vivo with the PSTAIRE Cyclin-dependent Kinase <i>Cdc2a</i> but Are Differentially Controlled. <i>Journal of Biological Chemistry</i> , 2001, 276, 7041-7047.	3.4	100
100	Synthesis of 6-Hydroxybenzothiazole-2-carboxylic Acid. <i>Synthesis</i> , 2001, 2001, 1780-1783.	2.3	10
101	Mosaic analysis of <i>GL2</i> gene expression and cell layer autonomy during the specification of <i>Arabidopsis</i> leaf trichomes. <i>Genesis</i> , 2000, 28, 68-74.	1.6	13
102	Control of plant growth and development through manipulation of cell-cycle genes. <i>Current Opinion in Biotechnology</i> , 2000, 11, 138-145.	6.6	28
103	Cyclin D control of growth rate in plants. <i>Nature</i> , 2000, 405, 575-579.	27.8	317
104	Triggering the cell cycle in plants. <i>Trends in Cell Biology</i> , 2000, 10, 245-250.	7.9	139
105	The role and regulation of D-type cyclins in the plant cell cycle. , 2000, 43, 621-633.		83
106	Controlled induction of GUS marked clonal sectors in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2000, 51, 853-863.	4.8	2
107	Controlled induction of GUS marked clonal sectors in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2000, 51, 853-863.	4.8	22
108	The Expression of D-Cyclin Genes Defines Distinct Developmental Zones in Snapdragon Apical Meristems and Is Locally Regulated by the <i>Cycloidea</i> Gene. <i>Plant Physiology</i> , 2000, 122, 1137-1148.	4.8	185

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109	Sugar Control of the Plant Cell Cycle: Differential Regulation of Arabidopsis D-Type Cyclin Gene Expression. <i>Molecular and Cellular Biology</i> , 2000, 20, 4513-4521.	2.3	387
110	The role and regulation of D-type cyclins in the plant cell cycle. , 2000, , 77-89.		2
111	Somatic and germinal inheritance of an FLP-mediated deletion in transgenic tobacco. <i>Journal of Experimental Botany</i> , 1999, 50, 1447-1456.	4.8	29
112	Distinct Cyclin D Genes Show Mitotic Accumulation or Constant Levels of Transcripts in Tobacco Bright Yellow-2 Cells1. <i>Plant Physiology</i> , 1999, 119, 343-352.	4.8	126
113	Retinoblastoma proteins in plants. , 1999, 41, 295-299.		54
114	DNA damage triggers disruption of telomeric silencing and Mec1p-dependent relocation of Sir3p. <i>Current Biology</i> , 1999, 9, 963-S1.	3.9	113
115	The plant cell cycle. <i>Current Opinion in Plant Biology</i> , 1999, 2, 440-446.	7.1	77
116	Cytokinin Activation of Arabidopsis Cell Division Through a D-Type Cyclin. <i>Science</i> , 1999, 283, 1541-1544.	12.6	731
117	Somatic and germinal inheritance of an FLP-mediated deletion in transgenic tobacco. <i>Journal of Experimental Botany</i> , 1999, 50, 1447-1456.	4.8	7
118	The maize retinoblastoma protein homologue ZmRb-1 is regulated during leaf development and displays conserved interactions with G1/S regulators and plant cyclin D (CycD) proteins. <i>Plant Molecular Biology</i> , 1998, 37, 155-169.	3.9	147
119	Multiple Genes Encoding the Conserved CCAAT-Box Transcription Factor Complex Are Expressed in Arabidopsis. <i>Plant Physiology</i> , 1998, 117, 1015-1022.	4.8	150
120	The retinoblastoma protein is in plants!. <i>Trends in Plant Science</i> , 1997, 2, 82-84.	8.8	12
121	An Escherichia coli system for assay of Flp site-specific recombination on substrate plasmids. <i>Gene</i> , 1996, 180, 225-227.	2.2	8
122	Improved thermostability of the North American firefly luciferase: saturation mutagenesis at position 354. <i>Biochemical Journal</i> , 1996, 319, 343-350.	3.7	113
123	Plant cyclins: a unified nomenclature for plant A-, B- and D-type cyclins based on sequence organization. <i>Plant Molecular Biology</i> , 1996, 32, 1003-1018.	3.9	232
124	Modulation of Cyclin Transcript Levels in Cultured Cells of Arabidopsis thaliana. <i>Plant Physiology</i> , 1996, 112, 1023-1033.	4.8	120
125	FLP recombinase in transgenic plants: constitutive activity in stably transformed tobacco and generation of marked cell clones in Arabidopsis. <i>Plant Journal</i> , 1995, 8, 637-652.	5.7	103
126	A Family of Cyclin D Homologs from Plants Differentially Controlled by Growth Regulators and Containing the Conserved Retinoblastoma Protein Interaction Motif. <i>Plant Cell</i> , 1995, 7, 85.	6.6	1



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127	A family of cyclin D homologs from plants differentially controlled by growth regulators and containing the conserved retinoblastoma protein interaction motif.. Plant Cell, 1995, 7, 85-103.	6.6	372
128	Multiple cloning sites carrying loxP and FRT recognition sites for the Cre and Flp site-specific recombinases. Gene, 1995, 166, 173-174.	2.2	18
129	Plant cell division: the beginning of START. Plant Molecular Biology, 1994, 26, 1-3.	3.9	22
130	Isolation of Intact DNA and RNA from Plant Tissues. Analytical Biochemistry, 1994, 218, 474-476.	2.4	63
131	Parameters affecting lithium acetate-mediated transformation of Saccharomyces cerevisiae and development of a rapid and simplified procedure. Current Genetics, 1993, 24, 455-459.	1.7	136
132	Site-specific recombinases: tools for genome engineering. Trends in Genetics, 1993, 9, 413-421.	6.7	344
133	A rapid and inexpensive method for isolation of shuttle vector DNA from yeast for the transformation of E. coli. Nucleic Acids Research, 1992, 20, 5852-5852.	14.5	10
134	Unexpected divergence and molecular coevolution in yeast plasmids. Journal of Molecular Biology, 1988, 200, 601-607.	4.2	33
135	Plasmid Vectors Carrying the Replication Origin of Filamentous Single-Stranded Phages. , 1987, , 135-154.		87
136	Micro Review Bending the rules: the 2 $\mu$ plasmid of yeast. Molecular Microbiology, 1987, 1, 1-4.	2.5	31
137	Functional analysis of the yeast plasmid partition locus <i>STB</i> . EMBO Journal, 1986, 5, 3391-3399.	7.8	73
138	HCC ligation: rapid and specific DNA construction with blunt ended DNA fragments. Nucleic Acids Research, 1986, 14, 10118-10118.	14.5	12
139	The Plant Cyclins. , 0, , 31-61.		12