

Craig S Pikaard

List of Publications by Year in descending order

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119
papers

14,826
citations

22153

59
h-index

19749

117
g-index

163
all docs

163
docs citations

163
times ranked

10780
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Gateway-compatible vectors for plant functional genomics and proteomics. <i>Plant Journal</i> , 2006, 45, 616-629. | 5.7 | 1,658 |
| 2 | Analysis of histone acetyltransferase and histone deacetylase families of <i>Arabidopsis thaliana</i> suggests functional diversification of chromatin modification among multicellular eukaryotes. <i>Nucleic Acids Research</i> , 2002, 30, 5036-5055. | 14.5 | 672 |
| 3 | Noncoding Transcription by RNA Polymerase Pol IVb/Pol V Mediates Transcriptional Silencing of Overlapping and Adjacent Genes. <i>Cell</i> , 2008, 135, 635-648. | 28.9 | 645 |
| 4 | Plant Nuclear RNA Polymerase IV Mediates siRNA and DNA Methylation-Dependent Heterochromatin Formation. <i>Cell</i> , 2005, 120, 613-622. | 28.9 | 602 |
| 5 | RNA polymerase V transcription guides ARGONAUTE4 to chromatin. <i>Nature Genetics</i> , 2009, 41, 630-634. | 21.4 | 410 |
| 6 | The <i>Arabidopsis</i> Chromatin-Modifying Nuclear siRNA Pathway Involves a Nucleolar RNA Processing Center. <i>Cell</i> , 2006, 126, 79-92. | 28.9 | 399 |
| 7 | Multisubunit RNA polymerases IV and V: purveyors of non-coding RNA for plant gene silencing. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 483-492. | 37.0 | 356 |
| 8 | An ARGONAUTE4-Containing Nuclear Processing Center Colocalized with Cajal Bodies in <i>Arabidopsis thaliana</i> . <i>Cell</i> , 2006, 126, 93-106. | 28.9 | 350 |
| 9 | Epigenetic silencing of RNA polymerase I transcription: a role for DNA methylation and histone modification in nucleolar dominance. <i>Genes and Development</i> , 1997, 11, 2124-2136. | 5.9 | 342 |
| 10 | A Concerted DNA Methylation/Histone Methylation Switch Regulates rRNA Gene Dosage Control and Nucleolar Dominance. <i>Molecular Cell</i> , 2004, 13, 599-609. | 9.7 | 336 |
| 11 | Epigenetic Regulation in Plants. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a019315-a019315. | 5.5 | 310 |
| 12 | Epigenetic silencing of RNA polymerase I transcription. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 641-649. | 37.0 | 270 |
| 13 | <i>Arabidopsis</i> Histone Deacetylase HDA6 Is Required for Maintenance of Transcriptional Gene Silencing and Determines Nuclear Organization of rDNA Repeats. <i>Plant Cell</i> , 2004, 16, 1021-1034. | 6.6 | 264 |
| 14 | Chromosomal locus rearrangements are a rapid response to formation of the allotetraploid <i>Arabidopsis suecica</i> genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 18240-18245. | 7.1 | 251 |
| 15 | An SNF2 Protein Associated with Nuclear RNA Silencing and the Spread of a Silencing Signal between Cells in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 1507-1521. | 6.6 | 251 |
| 16 | Transcriptional analysis of nucleolar dominance in polyploid plants: Biased expression/silencing of progenitor rRNA genes is developmentally regulated in <i>Brassica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 3442-3447. | 7.1 | 246 |
| 17 | An RNA polymerase II- and AGO4-associated protein acts in RNA-directed DNA methylation. <i>Nature</i> , 2010, 465, 106-109. | 27.8 | 228 |
| 18 | Identification of Pol IV and RDR2-dependent precursors of 24 nt siRNAs guiding de novo DNA methylation in <i>Arabidopsis</i> . <i>ELife</i> , 2015, 4, e09591. | 6.0 | 228 |

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|----|---|------|-----------|
| 19 | Subunit Compositions of the RNA-Silencing Enzymes Pol IV and Pol V Reveal Their Origins as Specialized Forms of RNA Polymerase II. <i>Molecular Cell</i> , 2009, 33, 192-203. | 9.7 | 225 |
| 20 | An Effector of RNA-Directed DNA Methylation in Arabidopsis Is an ARGONAUTE 4- and RNA-Binding Protein. <i>Cell</i> , 2009, 137, 498-508. | 28.9 | 220 |
| 21 | Erasure of histone acetylation by <i>Arabidopsis</i> HDA6 mediates large-scale gene silencing in nucleolar dominance. <i>Genes and Development</i> , 2006, 20, 1283-1293. | 5.9 | 219 |
| 22 | 50 Years of Arabidopsis research: highlights and future directions. <i>New Phytologist</i> , 2016, 209, 921-944. | 7.3 | 186 |
| 23 | <i>In vitro</i> specificities of Arabidopsis coactivator histone acetyltransferases: implications for histone hyperacetylation in gene activation. <i>Plant Journal</i> , 2007, 52, 615-626. | 5.7 | 181 |
| 24 | <i>In Vitro</i> Transcription Activities of Pol IV, Pol V, and RDR2 Reveal Coupling of Pol IV and RDR2 for dsRNA Synthesis in Plant RNA Silencing. <i>Molecular Cell</i> , 2012, 48, 811-818. | 9.7 | 180 |
| 25 | The epigenetics of nucleolar dominance. <i>Trends in Genetics</i> , 2000, 16, 495-500. | 6.7 | 172 |
| 26 | VIM1, a methylcytosine-binding protein required for centromeric heterochromatinization. <i>Genes and Development</i> , 2007, 21, 267-277. | 5.9 | 167 |
| 27 | RFLP and physical mapping with an rDNA-specific endonuclease reveals that nucleolus organizer regions of <i>Arabidopsis thaliana</i> adjoin the telomeres on chromosomes 2 and 4. <i>Plant Journal</i> , 1996, 9, 259-272. | 5.7 | 160 |
| 28 | Roles of RNA polymerase IV in gene silencing. <i>Trends in Plant Science</i> , 2008, 13, 390-397. | 8.8 | 157 |
| 29 | Molecular mechanisms governing species-specific transcription of ribosomal RNA. <i>Cell</i> , 1989, 59, 489-497. | 28.9 | 153 |
| 30 | ROS3 is an RNA-binding protein required for DNA demethylation in Arabidopsis. <i>Nature</i> , 2008, 455, 1259-1262. | 27.8 | 150 |
| 31 | Genomic change and gene silencing in polyploids. <i>Trends in Genetics</i> , 2001, 17, 675-677. | 6.7 | 147 |
| 32 | Multimegabase Silencing in Nucleolar Dominance Involves siRNA-Directed DNA Methylation and Specific Methylcytosine-Binding Proteins. <i>Molecular Cell</i> , 2008, 32, 673-684. | 9.7 | 144 |
| 33 | Mechanisms of HDA6-mediated rRNA gene silencing: suppression of intergenic Pol II transcription and differential effects on maintenance versus siRNA-directed cytosine methylation. <i>Genes and Development</i> , 2010, 24, 1119-1132. | 5.9 | 143 |
| 34 | Spatial and functional relationships among Pol V-associated loci, Pol IV-dependent siRNAs, and cytosine methylation in the <i>Arabidopsis</i> epigenome. <i>Genes and Development</i> , 2012, 26, 1825-1836. | 5.9 | 137 |
| 35 | Two-dimensional RFLP analyses reveal megabase-sized clusters of rRNA gene variants in <i>Arabidopsis thaliana</i> , suggesting local spreading of variants as the mode for gene homogenization during concerted evolution. <i>Plant Journal</i> , 1996, 9, 273-282. | 5.7 | 136 |
| 36 | rRNA gene silencing and nucleolar dominance: Insights into a chromosome-scale epigenetic on/off switch. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 383-392. | 2.4 | 132 |

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|----|---|------|-----------|
| 37 | Molecular characterization of the patatin multigene family of potato. <i>Gene</i> , 1988, 62, 27-44. | 2.2 | 129 |
| 38 | NRPD4, a protein related to the RPB4 subunit of RNA polymerase II, is a component of RNA polymerases IV and V and is required for RNA-directed DNA methylation. <i>Genes and Development</i> , 2009, 23, 318-330. | 5.9 | 126 |
| 39 | The RNAs of RNA-directed DNA methylation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 140-148. | 1.9 | 126 |
| 40 | Nucleolar dominance and silencing of transcription. <i>Trends in Plant Science</i> , 1999, 4, 478-483. | 8.8 | 124 |
| 41 | PHYTOCHROME B and HISTONE DEACETYLASE 6 Control Light-Induced Chromatin Compaction in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2009, 5, e1000638. | 3.5 | 123 |
| 42 | Nucleolin Is Required for DNA Methylation State and the Expression of rRNA Gene Variants in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2010, 6, e1001225. | 3.5 | 121 |
| 43 | Chromosome-specific NOR inactivation explains selective rRNA gene silencing and dosage control in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2016, 30, 177-190. | 5.9 | 117 |
| 44 | Transcript Profiling in <i>Arabidopsis</i> Reveals Complex Responses to Global Inhibition of DNA Methylation and Histone Deacetylation*. <i>Journal of Biological Chemistry</i> , 2005, 280, 796-804. | 3.4 | 116 |
| 45 | Subnuclear partitioning of rRNA genes between the nucleolus and nucleoplasm reflects alternative epiallelic states. <i>Genes and Development</i> , 2013, 27, 1545-1550. | 5.9 | 115 |
| 46 | Identification of Nucleolus-Associated Chromatin Domains Reveals a Role for the Nucleolus in 3D Organization of the <i>A. thaliana</i> Genome. <i>Cell Reports</i> , 2016, 16, 1574-1587. | 6.4 | 113 |
| 47 | Nucleolar dominance and ribosomal RNA gene silencing. <i>Current Opinion in Cell Biology</i> , 2010, 22, 351-356. | 5.4 | 106 |
| 48 | Nucleolar dominance: uniparental gene silencing on a multi-megabase scale in genetic hybrids. <i>Plant Molecular Biology</i> , 2000, 43, 163-177. | 3.9 | 104 |
| 49 | siRNA and miRNA processing: new functions for Cajal bodies. <i>Current Opinion in Genetics and Development</i> , 2008, 18, 197-203. | 3.3 | 103 |
| 50 | <i>Arabidopsis</i> Histone Lysine Methyltransferases. <i>Advances in Botanical Research</i> , 2010, 53, 1-22. | 1.1 | 103 |
| 51 | The RNA polymerase I transcription factor UBF is a sequence-tolerant HMG-box protein that can recognize structured nucleic acids. <i>Nucleic Acids Research</i> , 1994, 22, 2651-2657. | 14.5 | 101 |
| 52 | Transgene-induced RNA interference: a strategy for overcoming gene redundancy in polyploids to generate loss-of-function mutations. <i>Plant Journal</i> , 2003, 36, 114-121. | 5.7 | 99 |
| 53 | A Two-Step Process for Epigenetic Inheritance in <i>Arabidopsis</i> . <i>Molecular Cell</i> , 2014, 54, 30-42. | 9.7 | 96 |
| 54 | Reaction Mechanisms of Pol IV, RDR2, and DCL3 Drive RNA Channeling in the siRNA-Directed DNA Methylation Pathway. <i>Molecular Cell</i> , 2019, 75, 576-589.e5. | 9.7 | 93 |

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|----|---|-----|-----------|
| 55 | Natural variation in nucleolar dominance reveals the relationship between nucleolus organizer chromatin topology and rRNA gene transcription in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11418-11423. | 7.1 | 85 |
| 56 | Histone methyltransferases regulating rRNA gene dose and dosage control in <i>Arabidopsis</i> . Genes and Development, 2012, 26, 945-957. | 5.9 | 81 |
| 57 | Posttranscriptional gene silencing in nuclei. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 409-414. | 7.1 | 80 |
| 58 | Transgene-Induced RNA Interference as a Tool for Plant Functional Genomics. Methods in Enzymology, 2005, 392, 1-24. | 1.0 | 78 |
| 59 | A Transcription Fork Model for Pol IV and Pol V-Dependent RNA-Directed DNA Methylation. Cold Spring Harbor Symposia on Quantitative Biology, 2012, 77, 205-212. | 1.1 | 73 |
| 60 | Functional Diversification of Maize RNA Polymerase IV and V Subtypes via Alternative Catalytic Subunits. Cell Reports, 2014, 9, 378-390. | 6.4 | 71 |
| 61 | Postembryonic Establishment of Megabase-Scale Gene Silencing in Nucleolar Dominance. PLoS ONE, 2007, 2, e1157. | 2.5 | 69 |
| 62 | The minimal ribosomal RNA gene promoter of <i>Arabidopsis thaliana</i> includes a critical element at the transcription initiation site. Plant Journal, 1995, 8, 683-692. | 5.7 | 63 |
| 63 | Cytokinin Induction of RNA Polymerase I Transcription in <i>Arabidopsis thaliana</i> . Journal of Biological Chemistry, 1997, 272, 6799-6804. | 3.4 | 63 |
| 64 | RNA Polymerase V Functions in <i>Arabidopsis</i> Interphase Heterochromatin Organization Independently of the 24-nt siRNA-Directed DNA Methylation Pathway. Molecular Plant, 2009, 2, 700-710. | 8.3 | 63 |
| 65 | Use of RFLPs larger than 100 kbp to map the position and internal organization of the nucleolus organizer region on chromosome 2 in <i>Arabidopsis thaliana</i> . Plant Journal, 1995, 7, 273-286. | 5.7 | 58 |
| 66 | Selective nucleolus organizer inactivation in <i>Arabidopsis</i> is a chromosome position-effect phenomenon. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13426-13431. | 7.1 | 57 |
| 67 | Chromatin Turn Ons and Turn Offs of Ribosomal RNA Genes. Cell Cycle, 2004, 3, 878-881. | 2.6 | 56 |
| 68 | Metal A and Metal B Sites of Nuclear RNA Polymerases Pol IV and Pol V Are Required for siRNA-Dependent DNA Methylation and Gene Silencing. PLoS ONE, 2009, 4, e4110. | 2.5 | 51 |
| 69 | Hybrid incompatibility caused by an epiallele. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3702-3707. | 7.1 | 45 |
| 70 | RNA Polymerase I Transcription in a Brassica Interspecific Hybrid and Its Progenitors: Tests of Transcription Factor Involvement in Nucleolar Dominance. Genetics, 1999, 152, 451-460. | 2.9 | 45 |
| 71 | Sex-Biased Lethality or Transmission of Defective Transcription Machinery in <i>Arabidopsis</i> . Genetics, 2008, 180, 207-218. | 2.9 | 44 |
| 72 | Heat Shock Proteins in Tobacco Cell Suspension during Growth Cycle. Plant Physiology, 1984, 75, 639-644. | 4.8 | 43 |

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|----|--|------|-----------|
| 73 | Chromosome and DNA methylation dynamics during meiosis in the autotetraploid <i>Arabidopsis arenosa</i> . <i>Sexual Plant Reproduction</i> , 2010, 23, 29-37. | 2.2 | 42 |
| 74 | Heterochromatic siRNAs and DDM1 Independently Silence Aberrant 5S rDNA Transcripts in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2009, 4, e5932. | 2.5 | 42 |
| 75 | Intersection of Small RNA Pathways in <i>Arabidopsis thaliana</i> Sub-Nuclear Domains. <i>PLoS ONE</i> , 2013, 8, e65652. | 2.5 | 40 |
| 76 | Histone Acetyltransferase and Protein Kinase Activities Copurify with a Putative <i>Xenopus</i> RNA Polymerase I Holoenzyme Self-Sufficient for Promoter-Dependent Transcription. <i>Molecular and Cellular Biology</i> , 1999, 19, 796-806. | 2.3 | 38 |
| 77 | <i>Xenopus</i> Ribosomal RNA Gene Intergenic Spacer Elements Conferring Transcriptional Enhancement and Nucleolar Dominance-like Competition in Oocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 31577-31584. | 3.4 | 38 |
| 78 | Sequence of two apparent pseudogenes of the major potato tuber protein, patatin. <i>Nucleic Acids Research</i> , 1986, 14, 5564-5566. | 14.5 | 37 |
| 79 | Species-specificity of rRNA gene transcription in plants manifested as a switch in RNA polymerase specificity. <i>Nucleic Acids Research</i> , 1996, 24, 4725-4732. | 14.5 | 35 |
| 80 | Chromatin turn ons and turn offs of ribosomal RNA genes. <i>Cell Cycle</i> , 2004, 3, 880-3. | 2.6 | 28 |
| 81 | Evidence for Nucleolus Organizer Regions as the Units of Regulation in Nucleolar Dominance in <i>Arabidopsis thaliana</i> Interecotype Hybrids. <i>Genetics</i> , 2004, 167, 931-939. | 2.9 | 27 |
| 82 | Mutation of <i>Arabidopsis</i> SMC4 identifies condensin as a corepressor of pericentromeric transposons and conditionally expressed genes. <i>Genes and Development</i> , 2017, 31, 1601-1614. | 5.9 | 25 |
| 83 | Structure and RNA template requirements of <i>Arabidopsis</i> RNA-DEPENDENT RNA POLYMERASE 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 25 |
| 84 | Locus-Specific Ribosomal RNA Gene Silencing in Nucleolar Dominance. <i>PLoS ONE</i> , 2007, 2, e815. | 2.5 | 24 |
| 85 | Relationships between transcription, silver staining, and chromatin organization of nucleolar organizers in <i>Secale cereale</i> . <i>Protoplasma</i> , 2007, 232, 55-59. | 2.1 | 24 |
| 86 | Functional Consequences of Subunit Diversity in RNA Polymerases II and V. <i>Cell Reports</i> , 2012, 1, 208-214. | 6.4 | 24 |
| 87 | Functional Dissection of the Pol V Largest Subunit CTD in RNA-Directed DNA Methylation. <i>Cell Reports</i> , 2017, 19, 2796-2808. | 6.4 | 24 |
| 88 | Catalytic properties of RNA polymerases IV and V: accuracy, nucleotide incorporation and rNTP/dNTP discrimination. <i>Nucleic Acids Research</i> , 2017, 45, 11315-11326. | 14.5 | 22 |
| 89 | Subunit compositions of <i>Arabidopsis</i> RNA polymerases I and III reveal Pol I- and Pol III-specific forms of the AC40 subunit and alternative forms of the C53 subunit. <i>Nucleic Acids Research</i> , 2015, 43, 4163-4178. | 14.5 | 21 |
| 90 | An Atypical Epigenetic Mechanism Affects Uniparental Expression of Pol IV-Dependent siRNAs. <i>PLoS ONE</i> , 2011, 6, e25756. | 2.5 | 21 |

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|-----|---|------|-----------|
| 91 | Extra views on RNA-dependent DNA methylation and MBD6-dependent heterochromatin formation in nucleolar dominance. <i>Nucleus</i> , 2010, 1, 254-259. | 2.2 | 20 |
| 92 | A DCL3 dicing code within Pol IV-RDR2 transcripts diversifies the siRNA pool guiding RNA-directed DNA methylation. <i>ELife</i> , 2022, 11, . | 6.0 | 20 |
| 93 | RNA Polymerase I Holoenzyme-Promoter Interactions. <i>Journal of Biological Chemistry</i> , 2000, 275, 37173-37180. | 3.4 | 19 |
| 94 | RNA polymerase I holoenzyme-promoter complexes include an associated CK2-like protein kinase. <i>Plant Molecular Biology</i> , 2001, 47, 449-460. | 3.9 | 19 |
| 95 | Patterns of fatty acid deposition during development of soybean seed. <i>Phytochemistry</i> , 1984, 23, 2183-2186. | 2.9 | 18 |
| 96 | RNA Polymerase I: A Multifunctional Molecular Machine. <i>Cell</i> , 2007, 131, 1224-1225. | 28.9 | 18 |
| 97 | Transcription and Tyranny in the Nucleolus: The Organization, Activation, Dominance and Repression of Ribosomal RNA Genes.. <i>The Arabidopsis Book</i> , 2002, 1, e0083. | 0.5 | 16 |
| 98 | Assembly of a dsRNA synthesizing complex: RNA-DEPENDENT RNA POLYMERASE 2 contacts the largest subunit of NUCLEAR RNA POLYMERASE IV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 16 |
| 99 | Extra views on RNA-dependent DNA methylation and MBD6-dependent heterochromatin formation in nucleolar dominance. <i>Nucleus</i> , 2010, 1, 254-259. | 2.2 | 15 |
| 100 | The NRPD1 N-terminus contains a Pol IV-specific motif that is critical for genome surveillance in <i>Arabidopsis</i> . <i>Nucleic Acids Research</i> , 2019, 47, 9037-9052. | 14.5 | 14 |
| 101 | RNA-Silencing Enzymes Pol IV and Pol V in Maize: More than one Flavor?. <i>PLoS Genetics</i> , 2009, 5, e1000736. | 3.5 | 13 |
| 102 | Reconstitution of siRNA Biogenesis In Vitro: Novel Reaction Mechanisms and RNA Channeling in the RNA-Directed DNA Methylation Pathway. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 195-201. | 1.1 | 13 |
| 103 | Heterochromatin: condense or excise. <i>Nature Cell Biology</i> , 2007, 9, 19-20. | 10.3 | 12 |
| 104 | Uniting the paths to gene silencing. <i>Nature Genetics</i> , 2002, 32, 340-341. | 21.4 | 10 |
| 105 | Maintenance of Normal or Supranormal Protein Accumulation in Developing Ovules of <i>Glycine max</i> L. Merr. during PEG-Induced Water Stress. <i>Plant Physiology</i> , 1984, 75, 176-180. | 4.8 | 9 |
| 106 | Methylating the DNA of the Most Repressed: Special Access Required. <i>Molecular Cell</i> , 2013, 49, 1021-1022. | 9.7 | 9 |
| 107 | The Pol IV largest subunit CTD quantitatively affects siRNA levels guiding RNA-directed DNA methylation. <i>Nucleic Acids Research</i> , 2019, 47, 9024-9036. | 14.5 | 8 |
| 108 | Plant Multisubunit RNA Polymerases IV and V. <i>Nucleic Acids and Molecular Biology</i> , 2014, , 289-308. | 0.2 | 8 |

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|-----|---|------|-----------|
| 109 | Chromosome Topology Organizing Genes by Loops and Bounds. <i>Plant Cell</i> , 1998, 10, 1229-1232. | 6.6 | 7 |
| 110 | Nucleolar Dominance and rRNA Gene Dosage Control: A Paradigm for Transcriptional Regulation via an Epigenetic On/Off Switch. , 0, , 201-222. | | 6 |
| 111 | Analysis of rRNA Gene Methylation in <i>Arabidopsis thaliana</i> by CHEF-Conventional 2D Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2016, 1455, 183-202. | 0.9 | 6 |
| 112 | Targeted Enrichment of rRNA Gene Tandem Arrays for Ultra-Long Sequencing by Selective Restriction Endonuclease Digestion. <i>Frontiers in Plant Science</i> , 2021, 12, 656049. | 3.6 | 6 |
| 113 | Purification and Transcriptional Analysis of RNA Polymerase I Holoenzymes from Broccoli (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBj /Overl | 1.0 | 4 |
| 114 | Detecting Differential Expression of Parental or Progenitor Alleles in Genetic Hybrids and Allopolyploids. <i>Methods in Enzymology</i> , 2005, 395, 554-569. | 1.0 | 4 |
| 115 | Developing a new interdisciplinary lab course for undergraduate and graduate students: Plant cells and proteins. <i>Biochemistry and Molecular Biology Education</i> , 2007, 35, 410-415. | 1.2 | 4 |
| 116 | Targeting Argonaute to chromatin. <i>Genes and Development</i> , 2016, 30, 2649-2650. | 5.9 | 4 |
| 117 | Chromosome Topology-Organizing Genes by Loops and Bounds. <i>Plant Cell</i> , 1998, 10, 1229. | 6.6 | 3 |
| 118 | Nuclear Biology: What's Been Most Surprising?. <i>Cell</i> , 2013, 152, 1207-1208. | 28.9 | 3 |
| 119 | Analysis of siRNA Precursors Generated by RNA Polymerase IV and RNA-Dependent RNA Polymerase 2 in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2019, 1933, 33-48. | 0.9 | 1 |