Martin D Crespi

List of Publications by Year
in descending order

157 papers	13,111 citations	17405 63 h-index	25716 108 g-index
177 all docs	177 docs citations	177 times ranked	12006 citing authors

#	Article	IF	Citations
1	The sunflower genome provides insights into oil metabolism, flowering and Asterid evolution. Nature, 2017, 546, 148-152.	13.7	579
2	Plant root growth, architecture and function. Plant and Soil, 2009, 321, 153-187.	1.8	573
3	miR390,<i>Arabidopsis TAS3</i>tasiRNAs, and Their<i>AUXIN RESPONSE FACTOR</i>Targets Define an Autoregulatory Network Quantitatively Regulating Lateral Root Growth. Plant Cell, 2010, 22, 1104-1117.	3.1	512
4	TheMedicago truncatulaCRE1 Cytokinin Receptor Regulates Lateral Root Development and Early Symbiotic Interaction withSinorhizobium meliloti. Plant Cell, 2006, 18, 2680-2693.	3.1	467
5	MtHAP2-1 is a key transcriptional regulator of symbiotic nodule development regulated by microRNA169 in Medicago truncatula. Genes and Development, 2006, 20, 3084-3088.	2.7	450
6	Novel long non-protein coding RNAs involved in <i>Arabidopsis</i> differentiation and stress responses. Genome Research, 2009, 19, 57-69.	2.4	390
7	Noncoding Transcription by Alternative RNA Polymerases Dynamically Regulates an Auxin-Driven Chromatin Loop. Molecular Cell, 2014, 55, 383-396.	4.5	330
8	Long Noncoding RNA Modulates Alternative Splicing Regulators in Arabidopsis. Developmental Cell, 2014, 30, 166-176.	3.1	311
9	MicroRNA166 controls root and nodule development in <i>Medicagoâ€ƒtruncatula</i>. Plant Journal, 2008, 54, 876-887.	2.8	298
10	Genome-Wide<i>Medicago truncatula</i>Small RNA Analysis Revealed Novel MicroRNAs and Isoforms Differentially Regulated in Roots and Nodules. Plant Cell, 2009, 21, 2780-2796.	3.1	270
11	MtCRE1â€dependent cytokinin signaling integrates bacterial and plant cues to coordinate symbiotic nodule organogenesis in <i>Medicago truncatula</i>. Plant Journal, 2011, 65, 622-633.	2.8	257
12	Enod40, a Short Open Reading Frameâ€“Containing mRNA, Induces Cytoplasmic Localization of a Nuclear RNA Binding Protein in Medicago truncatula. Plant Cell, 2004, 16, 1047-1059.	3.1	235
13	Splicing regulation by long noncoding RNAs. Nucleic Acids Research, 2018, 46, 2169-2184.	6.5	226
14	Abiotic Stress Responses in Legumes: Strategies Used toÂCope with Environmental Challenges. Critical Reviews in Plant Sciences, 2015, 34, 237-280.	2.7	212
15	A mi<scp>R</scp>169 isoform regulates specific <scp>NF</scp>â€‹scp>YA</scp> targets and root architecture in <scp>A</scp>rabidopsis. New Phytologist, 2014, 202, 1197-1211.	3.5	192
16	Whole-genome landscape of Medicago truncatula symbiotic genes. Nature Plants, 2018, 4, 1017-1025.	4.7	192
17	miR396 affects mycorrhization and root meristem activity in the legume <i><scp>M</scp>edicago truncatula</i>. Plant Journal, 2013, 74, 920-934.	2.8	186
18	Battles and hijacks: noncoding transcription in plants. Trends in Plant Science, 2015, 20, 362-371.	4.3	176

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19	Cytokinin: secret agent of symbiosis. Trends in Plant Science, 2008, 13, 115-120.	4.3	170
20	Cross-talk between ethylene and drought signalling pathways is mediated by the sunflower Hahb-4 transcription factor. Plant Journal, 2006, 48, 125-137.	2.8	169
21	Global analysis of ribosome-associated noncoding RNAs unveils new modes of translational regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10018-E10027.	3.3	168
22	R-Loop Mediated trans Action of the APOLO Long Noncoding RNA. Molecular Cell, 2020, 77, 1055-1065.e4.	4.5	164
23	Environmental Regulation of Lateral Root Emergence in<i>Medicago truncatula</i>Requires the HD-Zip I Transcription Factor HB1. Plant Cell, 2010, 22, 2171-2183.	3.1	156
24	A Novel Plant Leucine-Rich Repeat Receptor Kinase Regulates the Response of<i>Medicago truncatula</i>Roots to Salt Stress. Plant Cell, 2009, 21, 668-680.	3.1	148
25	Two Direct Targets of Cytokinin Signaling Regulate Symbiotic Nodulation in <i>Medicago truncatula</i> Â Â. Plant Cell, 2012, 24, 3838-3852.	3.1	136
26	Temporal and Spatial Order of Events During the Induction of Cortical Cell Divisions in White Clover by Rhizobium leguminosarum bv. trifolii Inoculation or Localized Cytokinin Addition. Molecular Plant-Microbe Interactions, 2000, 13, 617-628.	1.4	135
27	Nod factors and cytokinins induce similar cortical cell division, amyloplast deposition and MsEnod12A expression patterns in alfalfa roots. Plant Journal, 1996, 10, 91-105.	2.8	134
28	enod40 induces dedifferentiation and division of root cortical cells in legumes. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8901-8906.	3.3	134
29	Characterization of 43 Non-Protein-Coding mRNA Genes in Arabidopsis, Including the MIR162a-Derived Transcripts. Plant Physiology, 2006, 140, 1192-1204.	2.3	130
30	Alteration of enod40 Expression Modifies Medicago truncatulaRoot Nodule Development Induced by Sinorhizobium meliloti. Plant Cell, 1999, 11, 1953-1965.	3.1	127
31	The fas operon of Rhodococcus fascians encodes new genes required for efficient fasciation of host plants. Journal of Bacteriology, 1994, 176, 2492-2501.	1.0	121
32	Cytoplasmic Arabidopsis AGO7 accumulates in membrane-associated siRNA bodies and is required for ta-siRNA biogenesis. EMBO Journal, 2012, 31, 1704-1713.	3.5	121
33	Thermopriming triggers splicing memory in Arabidopsis. Journal of Experimental Botany, 2018, 69, 2659-2675.	2.4	119
34	MicroRNAs as regulators of root development and architecture. Plant Molecular Biology, 2011, 77, 47-58.	2.0	117
35	Identification of regulatory pathways involved in the reacquisition of root growth after salt stress in Medicago truncatula. Plant Journal, 2007, 51, 1-17.	2.8	112
36	Dual involvement of a <i>Medicago truncatula</i> NAC transcription factor in root abiotic stress response and symbiotic nodule senescence. Plant Journal, 2012, 70, 220-230.	2.8	111

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37	De Novo Organ Formation from Differentiated Cells: Root Nodule Organogenesis. Science Signaling, 2008, 1, re11.	1.6	110
38	In plants, decapping prevents RDR6-dependent production of small interfering RNAs from endogenous mRNAs. Nucleic Acids Research, 2015, 43, 2902-2913.	6.5	107
39	Translational and Structural Requirements of the Early Nodulin Gene enod40 , a Short-Open Reading Frame-Containing RNA, for Elicitation of a Cell-Specific Growth Response in the Alfalfa Root Cortex. Molecular and Cellular Biology, 2001, 21, 354-366.	1.1	106
40	Cytoplasmic and nuclear quality control and turnover of single-stranded RNA modulate post-transcriptional gene silencing in plants. Nucleic Acids Research, 2013, 41, 4699-4708.	6.5	99
41	CRISPR directed evolution of the spliceosome for resistance to splicing inhibitors. Genome Biology, 2019, 20, 73.	3.8	99
42	Wheat chromatin architecture is organized in genome territories and transcription factories. Genome Biology, 2020, 21, 104.	3.8	99
43	LHP1 Regulates H3K27me3 Spreading and Shapes the Three-Dimensional Conformation of the Arabidopsis Genome. PLoS ONE, 2016, 11, e0158936.	1.1	97
44	Endogenous TasiRNAs Mediate Non-Cell Autonomous Effects on Gene Regulation in Arabidopsis thaliana. PLoS ONE, 2009, 4, e5980.	1.1	92
45	High-quality genome sequence of white lupin provides insight into soil exploration and seed quality. Nature Communications, 2020, 11, 492.	5.8	90
46	A carbonic anhydrase gene is induced in the nodule primordium and its cell-specific expression is controlled by the presence of Rhizobium during development. Plant Journal, 1997, 11, 407-420.	2.8	88
47	Small RNA Diversity in Plants and its Impact in Development. Current Genomics, 2010, 11, 14-23.	0.7	88
48	Molecular Mechanisms in Root Nodule Development. Journal of Plant Growth Regulation, 2000, 19, 155-166.	2.8	87
49	The BAF60 Subunit of the SWI/SNF Chromatin-Remodeling Complex Directly Controls the Formation of a Gene Loop at <i>FLOWERING LOCUS C</i> in <i>Arabidopsis</i> Â. Plant Cell, 2014, 26, 538-551.	3.1	82
50	Overexpression of miR160 affects root growth and nitrogen-fixing nodule number in Medicago truncatula. Functional Plant Biology, 2013, 40, 1208.	1.1	81
51	Fasciation induction by the phytopathogen Rhodococcus fascians depends upon a linear plasmid encoding a cytokinin synthase gene. EMBO Journal, 1992, 11, 795-804.	3.5	81
52	Sucrose Synthase Expression during Cold Acclimation in Wheat. Plant Physiology, 1991, 96, 887-891.	2.3	80
53	Plant polycistronic precursors containing non-homologous microRNAs target transcripts encoding functionally related proteins. Genome Biology, 2009, 10, R136.	13.9	80
54	The small RNA diversity from Medicago truncatularoots under biotic interactions evidences the environmental plasticity of the miRNAome. Genome Biology, 2014, 15, 457.	3.8	78

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55	The Endosymbiosis-Induced Genes ENOD40 and CCS52a Are Involved in Endoparasitic-Nematode Interactions in Medicago truncatula. Molecular Plant-Microbe Interactions, 2002, 15, 1008-1013.	1.4	77
56	Identification of transcription factors involved in root apex responses to salt stress in Medicago truncatula. Molecular Genetics and Genomics, 2009, 281, 55-66.	1.0	76
57	Comparative Transcriptomic Analysis of Salt Adaptation in Roots of Contrasting Medicago truncatula Genotypes. Molecular Plant, 2012, 5, 1068-1081.	3.9	75
58	Alfalfa Enod12 Genes Are Differentially Regulated during Nodule Development by Nod Factors and Rhizobium Invasion. Plant Physiology, 1994, 105, 585-592.	2.3	74
59	Arabidopsis <scp>CLAVATA</scp>1 and <scp>CLAVATA</scp>2 receptors contribute toÂ<i>Ralstonia solanacearum</i> pathogenicity through a miR169â€dependent pathway. New Phytologist, 2016, 211, 502-515.	3.5	74
60	A phylogenetically conserved group of NF-Y transcription factors interact to control nodulation in legumes. Plant Physiology, 2015, 169, pp.01144.2015.	2.3	72
61	The lncRNA APOLO interacts with the transcription factor WRKY42 to trigger root hair cell expansion in response to cold. Molecular Plant, 2021, 14, 937-948.	3.9	72
62	A KrÃ¼ppel-like zinc finger protein is involved in nitrogen-fixing root nodule organogenesis. Genes and Development, 2000, 14, 475-482.	2.7	72
63	Regulation of nonsymbiotic and truncated hemoglobin genes of <i>Lotus japonicus</i> in plant organs and in response to nitric oxide and hormones. New Phytologist, 2011, 189, 765-776.	3.5	71
64	Selective recruitment of m<scp>RNA</scp>s and mi<scp>RNA</scp>s to polyribosomes in response to rhizobia infection in <i><scp>M</scp>edicago truncatula</i>. Plant Journal, 2013, 73, 289-301.	2.8	70
65	Nodule Initiation Involves the Creation of a New Symplasmic Field in Specific Root Cells of Medicago Species. Plant Cell, 2003, 15, 2778-2791.	3.1	68
66	Differential Expression of the TFIIIA Regulatory Pathway in Response to Salt Stress between <i>Medicago truncatula</i> Genotypes. Plant Physiology, 2007, 145, 1521-1532.	2.3	68
67	The MicroRNA390/TAS3 Pathway Mediates Symbiotic Nodulation and Lateral Root Growth. Plant Physiology, 2017, 174, 2469-2486.	2.3	67
68	A Novel fry1 Allele Reveals the Existence of a Mutant Phenotype Unrelated to 5â€²->3â€² Exoribonuclease (XRN) Activities in Arabidopsis thaliana Roots. PLoS ONE, 2011, 6, e16724.	1.1	64
69	A KrÃ¼ppel-like zinc finger protein is involved in nitrogen-fixing root nodule organogenesis. Genes and Development, 2000, 14, 475-82.	2.7	62
70	Independent Activity of the Homologous Small Regulatory RNAs AbcR1 and AbcR2 in the Legume Symbiont Sinorhizobium meliloti. PLoS ONE, 2013, 8, e68147.	1.1	61
71	Alternative Splicing in the Regulation of Plantâ€“Microbe Interactions. Plant and Cell Physiology, 2019, 60, 1906-1916.	1.5	61
72	Put your 3D glasses on: plant chromatin is on show. Journal of Experimental Botany, 2016, 67, 3205-3221.	2.4	59

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73	The <i>Arabidopsis</i> lnc<scp>RNA </scp><i><scp>ASCO</scp></i> modulates the transcriptome through interaction with splicing factors. EMBO Reports, 2020, 21, e48977.	2.0	57
74	Medicago truncatula plants overexpressing the early nodulin gene enod40 exhibit accelerated mycorrhizal colonization and enhanced formation of arbuscules. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 15366-15371.	3.3	56
75	Arabidopsis HEAT SHOCK TRANSCRIPTION FACTORA1b regulates multiple developmental genes under benign and stress conditions. Journal of Experimental Botany, 2018, 69, 2847-2862.	2.4	56
76	Complexity of miRNA-dependent regulation in root symbiosis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1570-1579.	1.8	55
77	Expression Profiles of 22 Novel Molecular Markers for Organogenetic Pathways Acting in Alfalfa Nodule Development. Molecular Plant-Microbe Interactions, 2000, 13, 96-106.	1.4	53
78	A CDPK isoform participates in the regulation of nodule number inMedicago truncatula. Plant Journal, 2006, 48, 843-856.	2.8	53
79	The Arabidopsis SWI/SNF protein BAF60 mediates seedling growth control by modulating DNA accessibility. Genome Biology, 2017, 18, 114.	3.8	53
80	Oxygen Regulation of a Nodule-Located Carbonic Anhydrase in Alfalfa. Plant Physiology, 2000, 124, 1059-1068.	2.3	51
81	Transcriptional and postâ€transcriptional regulation of a NAC1 transcription factor in <i>Medicago truncatula</i> roots. New Phytologist, 2011, 191, 647-661.	3.5	47
82	The Nuclear Ribonucleoprotein SmD1 Interplays with Splicing, RNA Quality Control, and Posttranscriptional Gene Silencing in Arabidopsis. Plant Cell, 2016, 28, 426-438.	3.1	46
83	Noncoding RNAs, Emerging Regulators in Root Endosymbioses. Molecular Plant-Microbe Interactions, 2016, 29, 170-180.	1.4	44
84	GCN5 modulates salicylic acid homeostasis by regulating H3K14ac levels at the 5â€² and 3â€² ends of its target genes. Nucleic Acids Research, 2020, 48, 5953-5966.	6.5	44
85	Cloning of a WD-repeat-containing gene from alfalfa (Medicago sativa): a role in hormone-mediated cell division?. Plant Molecular Biology, 1997, 34, 771-780.	2.0	41
86	The <i>Compact Root Architecture1</i> Gene Regulates Lignification, Flavonoid Production, and Polar Auxin Transport in <i>Medicago truncatula</i> Â Â. Plant Physiology, 2010, 153, 1597-1607.	2.3	41
87	Dual RNAs in plants. Biochimie, 2011, 93, 1950-1954.	1.3	41
88	Nuclear Speckle RNA Binding Proteins Remodel Alternative Splicing and the Non-coding Arabidopsis Transcriptome to Regulate a Cross-Talk Between Auxin and Immune Responses. Frontiers in Plant Science, 2018, 9, 1209.	1.7	41
89	The LOB-like transcription factor MtLBD1 controls<i>Medicago truncatula</i>root architecture under salt stress. Plant Signaling and Behavior, 2010, 5, 1666-1668.	1.2	39
90	Regulation of CDPK isoforms during tuber development. Plant Molecular Biology, 2003, 52, 1011-1024.	2.0	38

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91	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. PLoS Pathogens, 2020, 16, e1008401.	2.1	38
92	Biological Treatment of a Textile Effluent After Electrochemical Oxidation of Reactive Dyes. Water Environment Research, 2010, 82, 176-182.	1.3	37
93	Ankyrin protein kinases: a novel type of plant kinase gene whose expression is induced by osmotic stress in alfalfa. Plant Molecular Biology, 2003, 51, 555-566.	2.0	36
94	The chloroplastic DEVHâ€box RNA helicase <scp>INCREASED SIZE EXCLUSION LIMIT 2</scp> involved in plasmodesmata regulation is required for group II intron splicing. Plant, Cell and Environment, 2016, 39, 165-173.	2.8	36
95	Polycomb-dependent differential chromatin compartmentalization determines gene coregulation in <i>Arabidopsis</i>. Genome Research, 2021, 31, 1230-1244.	2.4	36
96	Dual function of MIPS1 as a metabolic enzyme and transcriptional regulator. Nucleic Acids Research, 2013, 41, 2907-2917.	6.5	35
97	A novel RNA-binding peptide regulates the establishment of the<i>Medicago truncatula-Sinorhizobium meliloti</i>nitrogen-fixing symbiosis. Plant Journal, 2010, 62, 24-38.	2.8	34
98	Non-Protein-Coding RNAs and their Interacting RNA-Binding Proteins in the Plant Cell Nucleus. Molecular Plant, 2010, 3, 729-739.	3.9	33
99	Small RNA profiles in soybean primary root tips under water deficit. BMC Systems Biology, 2016, 10, 126.	3.0	33
100	Cleavage of a non-conserved target by a specific miR156 isoform in root apexes of<i>Medicago truncatula</i>. Plant Signaling and Behavior, 2010, 5, 328-331.	1.2	32
101	StCDPK1 is expressed in potato stolon tips and is induced by high sucrose concentration. Journal of Experimental Botany, 2003, 54, 2589-2591.	2.4	31
102	The rootâ€knot nematode effector MiEFF18 interacts with the plant core spliceosomal protein SmD1 required for giant cell formation. New Phytologist, 2021, 229, 3408-3423.	3.5	31
103	Identification of Novel Putative Regulatory Genes Induced During Alfalfa Nodule Development with a Cold-Plaque Screening Procedure. Molecular Plant-Microbe Interactions, 1998, 11, 358-366.	1.4	30
104	Small RNA pathways and diversity in model legumes: lessons from genomics. Frontiers in Plant Science, 2013, 4, 236.	1.7	30
105	A KrÃ¼ppel-like transcription factor gene is involved in salt stress responses in Medicago spp.. Plant and Soil, 2003, 257, 1-9.	1.8	28
106	<scp>TMV</scp> induces <scp>RNA</scp> decay pathways to modulate gene silencing and disease symptoms. Plant Journal, 2017, 89, 73-84.	2.8	28
107	Detection of generic differential RNA processing events from RNA-seq data. RNA Biology, 2016, 13, 59-67.	1.5	27
108	Isolation and characterization of genes encoding chaperonin 60Î² from Arabidopsis thaliana. Gene, 1992, 111, 175-181.	1.0	25

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109	Riboregulators in plant development. Biochemical Society Transactions, 2007, 35, 1638-1642.	1.6	25
110	A SWI/SNF Chromatin Remodelling Protein Controls Cytokinin Production through the Regulation of Chromatin Architecture. PLoS ONE, 2015, 10, e0138276.	1.1	25
111	The lncRNA MARS modulates the epigenetic reprogramming of the marneral cluster in response to ABA. Molecular Plant, 2022, 15, 840-856.	3.9	25
112	Long noncoding RNAs shape transcription in plants. Transcription, 2020, 11, 160-171.	1.7	24
113	How the Environment Regulates Root Architecture in Dicots. Advances in Botanical Research, 2007, 46, 35-74.	0.5	23
114	Landscape of the Noncoding Transcriptome Response of Two Arabidopsis Ecotypes to Phosphate Starvation. Plant Physiology, 2020, 183, 1058-1072.	2.3	23
115	Assessing the Response of Small RNA Populations to Allopolyploidy Using Resynthesized Brassica napus Allotetraploids. Molecular Biology and Evolution, 2019, 36, 709-726.	3.5	22
116	One Gene, Many Proteins: Mapping Cell-Specific Alternative Splicing in Plants. Developmental Cell, 2016, 39, 383-385.	3.1	18
117	Plant Long Noncoding RNAs: New Players in the Field of Post-Transcriptional Regulations. Non-coding RNA, 2021, 7, 12.	1.3	18
118	A mutant ankyrin protein kinase from Medicago sativa affects Arabidopsis adventitious roots. Functional Plant Biology, 2008, 35, 92.	1.1	15
119	The Rice Serine/Arginine Splicing Factor RS33 Regulates Pre-mRNA Splicing during Abiotic Stress Responses. Cells, 2022, 11, 1796.	1.8	14
120	Phytohormonal responses in enod40-overexpressing plants of Medicago truncatula and rice. Physiologia Plantarum, 2004, 120, 132-139.	2.6	13
121	ChronoRoot: High-throughput phenotyping by deep segmentation networks reveals novel temporal parameters of plant root system architecture. GigaScience, 2021, 10, .	3.3	13
122	Non-protein coding RNAs, a diverse class of gene regulators, and their action in plants. RNA Biology, 2009, 6, 161-164.	1.5	11
123	Silencing the conserved small nuclear ribonucleoprotein SmD1 target gene alters susceptibility to root-knot nematodes in plants. Plant Physiology, 2022, 189, 1741-1756.	2.3	11
124	Evolution of the Small Family of Alternative Splicing Modulators Nuclear Speckle RNA-Binding Proteins in Plants. Genes, 2020, 11, 207.	1.0	10
125	Analyzing Small and Long RNAs in Plant Development Using Non-radioactive In Situ Hybridization. Methods in Molecular Biology, 2013, 959, 303-316.	0.4	9
126	Insights into long non-coding RNA regulation of anthocyanin carrot root pigmentation. Scientific Reports, 2021, 11, 4093.	1.6	9

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127	Long Nonprotein-Coding RNAs in Plants. Progress in Molecular and Subcellular Biology, 2011, 51, 179-200.	0.9	9
128	Early Symbiotic Responses Induced by Sinorhizobium meliloti ilvC Mutants in Alfalfa. Molecular Plant-Microbe Interactions, 2001, 14, 55-62.	1.4	8
129	Localization of a Bacterial Group II Intron-Encoded Protein in Eukaryotic Nuclear Splicing-Related Cell Compartments. PLoS ONE, 2013, 8, e84056.	1.1	8
130	To keep or not to keep: mRNA stability and translatability in root nodule symbiosis. Current Opinion in Plant Biology, 2020, 56, 109-117.	3.5	8
131	Overlapping roles of spliceosomal components SF3B1 and PHF5A in rice splicing regulation. Communications Biology, 2021, 4, 529.	2.0	8
132	Translational and structural analysis of the shortest legume ENOD40 gene in Lupinus luteus.. Acta Biochimica Polonica, 2009, 56, .	0.3	8
133	GuaB Activity Is Required in Rhizobium tropici During the Early Stages of Nodulation of Determinate Nodules but Is Dispensable for the Sinorhizobium meliloti-Alfalfa Symbiotic Interaction. Molecular Plant-Microbe Interactions, 2005, 18, 742-750.	1.4	7
134	Impact of the Environment on Root Architecture in Dicotyledoneous Plants. , 2011, , 113-132.		6
135	In silico identification and in vivo validation of a set of evolutionary conserved plant root-specific cis-regulatory elements. Mechanisms of Development, 2013, 130, 70-81.	1.7	6
136	Regulatory long non-coding RNAs in root growth and development. Biochemical Society Transactions, 2022, 50, 403-412.	1.6	6
137	Legume Root Architecture: A Peculiar Root System. , 0, , 239-287.		5
138	A <i>Medicago truncatula rdr6</i> allele impairs transgene silencing and endogenous phased si<scp>RNA</scp> production but not development. Plant Biotechnology Journal, 2014, 12, 1308-1318.	4.1	5
139	Alternative splicing: The lord of the rings. Nature Plants, 2017, 3, 17065.	4.7	5
140	Antisense movement on the clock. New Phytologist, 2017, 216, 626-628.	3.5	4
141	Root Development in Medicago truncatula: Lessons from Genetics to Functional Genomics. Methods in Molecular Biology, 2018, 1822, 205-239.	0.4	4
142	Non-B DNA structures emerging from plant genomes. Trends in Plant Science, 2022, , .	4.3	4
143	Role of Plasmodesmata Regulation in Plant Development. Advances in Botanical Research, 2004, 41, 195-243.	0.5	3
144	Stable Inactivation of MicroRNAs in Medicago truncatula Roots. Methods in Molecular Biology, 2018, 1822, 123-132.	0.4	3

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145	RNA-Mediated Plant Behavior. Plant and Cell Physiology, 2019, 60, 1893-1896.	1.5	3
146	Cell Cycle Control in Root Nodule Organogenesis. , 2000, , 223-226.		2
147	Alteration of enod40 Expression Modifies Medicago truncatual Root Nodule Development Induced by Sinorhizobium meliloti. Plant Cell, 1999, 11, 1953.	3.1	1
148	Analyzing Protein Distribution in Plant Tissues Using â€œWhole-Mountâ€•Immunolocalization. Methods in Molecular Biology, 2013, 959, 317-322.	0.4	1
149	Plant Epigenetics: Non-coding RNAs as Emerging Regulators. RNA Technologies, 2017, , 129-147.	0.2	0
150	Heterocyst Formation under the Control of a Cell-Specific Antisense RNA. Plant and Cell Physiology, 2019, 60, 1631-1632.	1.5	0
151	Small RNA in Legumes. , 2011, , 121-138.		0
152	Functional Characterization of a KrÃ¼ppel-Like Zinc Finger Gene Induced During Nodule Development. , 2000, , 231-232.		0
153	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. , 2020, 16, e1008401.		0
154	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. , 2020, 16, e1008401.		0
155	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. , 2020, 16, e1008401.		0
156	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. , 2020, 16, e1008401.		0
157	Role of MPK4 in pathogen-associated molecular pattern-triggered alternative splicing in Arabidopsis. , 2020, 16, e1008401.		0