Michael T Mcmanus

List of Publications by Year
in descending order

189 papers	30,074 citations	10389 72 h-index	5255 165 g-index
215 all docs	215 docs citations	215 times ranked	48216 citing authors

#	Article	IF	Citations
1	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
2	Examining the evidence for extracellular RNA function in mammals. Nature Reviews Genetics, 2021, 22, 448-458.	16.3	41
3	miR-200 deficiency promotes lung cancer metastasis by activating Notch signaling in cancer-associated fibroblasts. Genes and Development, 2021, 35, 1109-1122.	5.9	35
4	Macrophage Exosomes Resolve Atherosclerosis by Regulating Hematopoiesis and Inflammation via MicroRNA Cargo. Cell Reports, 2020, 32, 107881.	6.4	130
5	miR-29 Sustains B Cell Survival and Controls Terminal Differentiation via Regulation of PI3K Signaling. Cell Reports, 2020, 33, 108436.	6.4	18
6	CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. Cell, 2020, 182, 563-577.e20.	28.9	156
7	Hostâ€“Receptor Post-Translational Modifications Refine Staphylococcal Leukocidin Cytotoxicity. Toxins, 2020, 12, 106.	3.4	9
8	High-Throughput CRISPR Screening Identifies Genes Involved in Macrophage Viability and Inflammatory Pathways. Cell Reports, 2020, 33, 108541.	6.4	25
9	Genomic Resolution of DLX-Orchestrated Transcriptional Circuits Driving Development of Forebrain GABAergic Neurons. Cell Reports, 2019, 28, 2048-2063.e8.	6.4	68
10	miR-15/16 Restrain Memory T Cell Differentiation, Cell Cycle, and Survival. Cell Reports, 2019, 28, 2169-2181.e4.	6.4	65
11	BCAA catabolism in brown fat controls energy homeostasis through SLC25A44. Nature, 2019, 572, 614-619.	27.8	332
12	Thermoregulation via Temperature-Dependent PGD2 Production in Mouse Preoptic Area. Neuron, 2019, 103, 309-322.e7.	8.1	50
13	High-Complexity shRNA Libraries and PI3 Kinase Inhibition in Cancer: High-Fidelity Synthetic Lethality Predictions. Cell Reports, 2019, 27, 631-647.e5.	6.4	9
14	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. Cell, 2019, 177, 231-242.	28.9	152
15	Tracing cellular heterogeneity in pooled genetic screens via multi-level barcoding. BMC Genomics, 2019, 20, 107.	2.8	15
16	Unexplored therapeutic opportunities in the human genome. Nature Reviews Drug Discovery, 2018, 17, 317-332.	46.4	263
17	The Transcriptionally Permissive Chromatin State of Embryonic Stem Cells Is Acutely Tuned to Translational Output. Cell Stem Cell, 2018, 22, 369-383.e8.	11.1	75
18	Genome-wide CRISPR screen identifies FAM49B as a key regulator of actin dynamics and T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4051-E4060.	7.1	88

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19	Dual Strategies for Argonaute2-Mediated Biogenesis of Erythroid miRNAs Underlie Conserved Requirements for Slicing in Mammals. Molecular Cell, 2018, 69, 265-278.e6.	9.7	56
20	Dual gene activation and knockout screen reveals directional dependencies in genetic networks. Nature Biotechnology, 2018, 36, 170-178.	17.5	120
21	miR-205 Regulates Basal Cell Identity and Stem Cell Regenerative Potential During Mammary Reconstitution. Stem Cells, 2018, 36, 1875-1889.	3.2	11
22	Genetic Models Reveal cis and trans Immune-Regulatory Activities for lincRNA-Cox2. Cell Reports, 2018, 25, 1511-1524.e6.	6.4	73
23	Far away from the lamppost. PLoS Biology, 2018, 16, e3000067.	5.6	10
24	A Genetic Interaction Map of Insulin Production Identifies Mfi as an Inhibitor of Mitochondrial Fission. Endocrinology, 2018, 159, 3321-3330.	2.8	1
25	Human CD45 is an F-component-specific receptor for the staphylococcal toxin Pantonâ€“Valentine leukocidin. Nature Microbiology, 2018, 3, 708-717.	13.3	63
26	CD25-Dependent Feedback Control of the B-Cell Receptor and Its Oncogenic Mimics in B-Cell Malignancies. Blood, 2018, 132, 776-776.	1.4	0
27	MicroRNAs in ectodermal appendages. Current Opinion in Genetics and Development, 2017, 43, 61-66.	3.3	1
28	A Whole-Genome RNA Interference Screen Reveals a Role forSpry2in Insulin Transcription and the Unfolded Protein Response. Diabetes, 2017, 66, 1703-1712.	0.6	15
29	miR-205 is a critical regulator of lacrimal gland development. Developmental Biology, 2017, 427, 12-20.	2.0	7
30	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. Nature, 2017, 551, 247-250.	27.8	1,043
31	CRISPR/Cas-based screening of long non-coding RNAs (lncRNAs) in macrophages with an NF-Î°B reporter. Journal of Biological Chemistry, 2017, 292, 20911-20920.	3.4	60
32	A systematic comparison reveals substantial differences in chromosomal versus episomal encoding of enhancer activity. Genome Research, 2017, 27, 38-52.	5.5	244
33	Kunitz Proteinase Inhibitors Limit Water Stress Responses in White Clover (Trifolium repens L.) Plants. Frontiers in Plant Science, 2017, 8, 1683.	3.6	16
34	Defining epithelial cell dynamics and lineage relationships in the developing lacrimal gland. Development (Cambridge), 2017, 144, 2517-2528.	2.5	32
35	Phosphate availability regulates ethylene biosynthesis gene expression and protein accumulation in white clover (Trifolium repens L.) roots. Bioscience Reports, 2016, 36, .	2.4	2
36	PIM1 kinase inhibition as a targeted therapy against triple-negative breast tumors with elevated MYC expression. Nature Medicine, 2016, 22, 1321-1329.	30.7	138

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37	MicroRNAs 24 and 27 Suppress Allergic Inflammation and Target a Network of Regulators of T Helper 2 Cell-Associated Cytokine Production. Immunity, 2016, 44, 821-832.	14.3	119
38	Abstract B22: Screening and validation of combination therapy in T cell leukemia. , 2016, , .		0
39	A screen in mice uncovers repression of lipoprotein lipase by microRNAâ€29a as a mechanism for lipid distribution away from the liver. Hepatology, 2015, 61, 141-152.	7.3	54
40	Biogenesis, delivery, and function of extracellular RNA. Journal of Extracellular Vesicles, 2015, 4, 27494.	12.2	80
41	Knockâ€down of transcript abundance of a family of Kunitz proteinase inhibitor genes in white clover () Tj ETQq1 1 0.784314 rgBT /O 1188-1201.	7.3	16
42	Identification of MiR-205 As a MicroRNA That Is Highly Expressed in Medullary Thymic Epithelial Cells. PLoS ONE, 2015, 10, e0135440.	2.5	13
43	Transcription of Biotic Stress Associated Genes in White Clover (Trifolium repens L.) Differs in Response to Cyst and Root-Knot Nematode Infection. PLoS ONE, 2015, 10, e0137981.	2.5	24
44	Choosing the Right Tool for the Job: RNAi, TALEN, or CRISPR. Molecular Cell, 2015, 58, 575-585.	9.7	374
45	Integrative analysis of 111 reference human epigenomes. Nature, 2015, 518, 317-330.	27.8	5,653
46	Epigenetic and transcriptional determinants of the human breast. Nature Communications, 2015, 6, 6351.	12.8	56
47	Biochar in Co-Contaminated Soil Manipulates Arsenic Solubility and Microbiological Community Structure, and Promotes Organochlorine Degradation. PLoS ONE, 2015, 10, e0125393.	2.5	45
48	Dicer Regulates Differentiation and Viability during Mouse Pancreatic Cancer Initiation. PLoS ONE, 2014, 9, e95486.	2.5	27
49	A high-coverage shRNA screen identifies TMEM129 as an E3 ligase involved in ER-associated protein degradation. Nature Communications, 2014, 5, 3832.	12.8	113
50	Responses to Low P-Supply in Breeding Lines of White Clover (Trifolium Repens L.) Reveals Two Tiers of Responses. Journal of Plant Nutrition, 2014, 37, 1441-1454.	1.9	1
51	Negative regulation of Hif1a expression and TH17 differentiation by the hypoxia-regulated microRNA miR-210. Nature Immunology, 2014, 15, 393-401.	14.5	219
52	Discovering the complexity of the metazoan transcriptome. Genome Biology, 2014, 15, 112.	9.6	7
53	Systematic Identification of Barriers to Human iPSC Generation. Cell, 2014, 158, 449-461.	28.9	86
54	Massively parallel functional annotation of 3â€² untranslated regions. Nature Biotechnology, 2014, 32, 387-391.	17.5	93

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55	Abstract LB-122: PIM1 kinase inhibition halts the growth of MYC-overexpressing triple-negative breast tumors. , 2014, , .		0
56	The Pitx2:miR-200c/141:noggin pathway regulates Bmp signaling and ameloblast differentiation. Development (Cambridge), 2013, 140, 3348-3359.	2.5	88
57	A Systematic Mammalian Genetic Interaction Map Reveals Pathways Underlying Ricin Susceptibility. Cell, 2013, 152, 909-922.	28.9	332
58	Next-Generation NAMPT Inhibitors Identified by Sequential High-Throughput Phenotypic Chemical and Functional Genomic Screens. Chemistry and Biology, 2013, 20, 1352-1363.	6.0	72
59	Renewable RNAi. Nature Biotechnology, 2013, 31, 319-320.	17.5	3
60	Pervasive Transcription of the Human Genome Produces Thousands of Previously Unidentified Long Intergenic Noncoding RNAs. PLoS Genetics, 2013, 9, e1003569.	3.5	655
61	T cell activation induces proteasomal degradation of Argonaute and rapid remodeling of the microRNA repertoire. Journal of Experimental Medicine, 2013, 210, 417-432.	8.5	180
62	Partially Penetrant Postnatal Lethality of an Epithelial Specific MicroRNA in a Mouse Knockout. PLoS ONE, 2013, 8, e76634.	2.5	16
63	T cell activation induces proteasomal degradation of Argonaute and rapid remodeling of the microRNA repertoire. Journal of Cell Biology, 2013, 200, i9-i9.	5.2	0
64	Next-Generation NAMPT Inhibitors For ALL Identified By Sequential High-Throughput Phenotypic Chemical and Functional Genomic Screens. Blood, 2013, 122, 171-171.	1.4	0
65	Abstract B232: PIM1 kinase is essential for the growth of MYC-overexpressing triple-negative breast tumors and is an efficacious therapeutic target.. , 2013, , .		0
66	An siRNA Screen in Pancreatic Beta Cells Reveals a Role for Gpr27 in Insulin Production. PLoS Genetics, 2012, 8, e1002449.	3.5	49
67	Let-7b/c Enhance the Stability of a Tissue-Specific mRNA during Mammalian Organogenesis as Part of a Feedback Loop Involving KSRP. PLoS Genetics, 2012, 8, e1002823.	3.5	22
68	Research Resource: RNA-Seq Reveals Unique Features of the Pancreatic Î²-Cell Transcriptome. Molecular Endocrinology, 2012, 26, 1783-1792.	3.7	95
69	Right- and left-loop short shRNAs have distinct and unusual mechanisms of gene silencing. Nucleic Acids Research, 2012, 40, 9255-9271.	14.5	41
70	Widespread RNA 3â€²-end oligouridylation in mammals. Rna, 2012, 18, 394-401.	3.5	30
71	Precursor MicroRNA-Programmed Silencing Complex Assembly Pathways in Mammals. Molecular Cell, 2012, 46, 507-517.	9.7	56
72	A Resource for the Conditional Ablation of microRNAs in the Mouse. Cell Reports, 2012, 1, 385-391.	6.4	163

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73	IRE1Î± Cleaves Select microRNAs During ER Stress to Derepress Translation of Proapoptotic Caspase-2. Science, 2012, 338, 818-822.	12.6	550
74	Genotypic variation in sulfur assimilation and metabolism of onion (Allium cepa L.) III. Characterization of sulfite reductase. Phytochemistry, 2012, 83, 34-42.	2.9	10
75	Regulation of root growth by auxin and ethylene is influenced by phosphate supply in white clover (Trifolium repens L.). Plant Growth Regulation, 2012, 66, 179-190.	3.4	13
76	Characterization of Adenosine 5â€²-Phospho-Sulfate Kinase (APSK) Genes from Higher Plants. , 2012, , 67-70.		0
77	Changes in 1-aminocyclopropane-1-carboxlate (ACC) oxidase expression and enzyme activity in response to excess manganese in white clover (Trifolium repens L.). Plant Physiology and Biochemistry, 2011, 49, 1013-1019.	5.8	15
78	The microRNA-processing enzyme Dicer is dispensable for somite segmentation but essential for limb bud positioning. Developmental Biology, 2011, 351, 254-265.	2.0	27
79	Posttranscriptional Silencing of Effector Cytokine mRNA Underlies the Anergic Phenotype of Self-Reactive T Cells. Immunity, 2011, 34, 50-60.	14.3	56
80	ACC oxidase (ACO) genes in Trifolium occidentale (L.) and their relationship to ACO genes in white clover (T. repens L.) and T. pallescens (L.). Plant Physiology and Biochemistry, 2011, 49, 420-426.	5.8	3
81	Genotypic variation in sulphur assimilation and metabolism of onion (Allium cepa L.). II: Characterisation of ATP sulphurylase activity. Phytochemistry, 2011, 72, 888-896.	2.9	8
82	Genotypic variation in the sulfur assimilation and metabolism of onion (Allium cepa L.) I. Plant composition and transcript accumulation. Phytochemistry, 2011, 72, 882-887.	2.9	13
83	Polymerase II Promoter Strength Determines Efficacy of microRNA Adapted shRNAs. PLoS ONE, 2011, 6, e26213.	2.5	31
84	Regulation of 1-aminocyclopropane-1-carboxylate oxidase gene expression during leaf ontogeny in white clover. Plant Growth Regulation, 2010, 62, 31-41.	3.4	6
85	Analysis of microRNA knockouts in mice. Human Molecular Genetics, 2010, 19, R169-R175.	2.9	186
86	Dicer1 and miR-219 Are Required for Normal Oligodendrocyte Differentiation and Myelination. Neuron, 2010, 65, 597-611.	8.1	501
87	LPS induces KHâ€type splicing regulatory proteinâ€dependent processing of microRNAâ€155 precursors in macrophages. FASEB Journal, 2009, 23, 2898-2908.	0.5	188
88	Expanded RNA-binding activities of mammalian Argonaute 2. Nucleic Acids Research, 2009, 37, 7533-7545.	14.5	113
89	Up-regulation of miR-21 by HER2/neu Signaling Promotes Cell Invasion. Journal of Biological Chemistry, 2009, 284, 18515-18524.	3.4	176
90	Dicer ablation in oligodendrocytes provokes neuronal impairment in mice. Annals of Neurology, 2009, 66, 843-857.	5.3	191

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91	Genetic analyses reveal a requirement for Dicer1 in the mouse urogenital tract. Mammalian Genome, 2009, 20, 140-151.	2.2	82
92	Dicer is required for proper liver zonation. Journal of Pathology, 2009, 219, 365-372.	4.5	94
93	Chd1 regulates open chromatin and pluripotency of embryonic stem cells. Nature, 2009, 460, 863-868.	27.8	449
94	Rapid creation and quantitative monitoring of high coverage shRNA libraries. Nature Methods, 2009, 6, 443-445.	19.0	92
95	Characterization of the 1-aminocyclopropane-1-carboxylic acid (ACC) oxidase multigene family of Malus domestica Borkh. Phytochemistry, 2009, 70, 348-360.	2.9	52
96	Sertoli cell Dicer is essential for spermatogenesis in mice. Developmental Biology, 2009, 326, 250-259.	2.0	171
97	Residual microRNA expression dictates the extent of inner ear development in conditional Dicer knockout mice. Developmental Biology, 2009, 328, 328-341.	2.0	131
98	Disruption of Dicer1 Induces Dysregulated Fetal Gene Expression and Promotes Hepatocarcinogenesis. Gastroenterology, 2009, 136, 2304-2315.e4.	1.3	167
99	Lentivirus Production. Journal of Visualized Experiments, 2009, , .	0.3	42
100	DicerInactivation Leads to Progressive Functional and Structural Degeneration of the Mouse Retina. Journal of Neuroscience, 2008, 28, 4878-4887.	3.6	204
101	Members of the miRNA-200 Family Regulate Olfactory Neurogenesis. Neuron, 2008, 57, 41-55.	8.1	245
102	Selective miRNA disruption in T reg cells leads to uncontrolled autoimmunity. Journal of Experimental Medicine, 2008, 205, 1983-1991.	8.5	482
103	Dicer loss in striatal neurons produces behavioral and neuroanatomical phenotypes in the absence of neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5614-5619.	7.1	205
104	Behind the Scenes of a Small RNA Gene-Silencing Pathway. Human Gene Therapy, 2008, 19, 17-26.	2.7	24
105	Podocyte-Specific Deletion of Dicer Alters Cytoskeletal Dynamics and Causes Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 2150-2158.	6.1	300
106	Conditional Loss of Dicer Disrupts Cellular and Tissue Morphogenesis in the Cortex and Hippocampus. Journal of Neuroscience, 2008, 28, 4322-4330.	3.6	411
107	Unintentional miRNA Ablation Is a Risk Factor in Gene Knockout Studies: A Short Report. PLoS Genetics, 2008, 4, e34.	3.5	40
108	Dicer1 Is Required for Differentiation of the Mouse Male Germline1. Biology of Reproduction, 2008, 79, 696-703.	2.7	203

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109	Mouse let-7 miRNA populations exhibit RNA editing that is constrained in the 5'-seed/ cleavage/anchor regions and stabilize predicted mmu-let-7a:mRNA duplexes. Genome Research, 2008, 18, 1571-1581.	5.5	87
110	MicroRNA Expression Is Required for Pancreatic Islet Cell Genesis in the Mouse. Diabetes, 2007, 56, 2938-2945.	0.6	344
111	Further Examination of Abscission Zone Cells as Ethylene Target Cells in Higher Plants. Annals of Botany, 2007, 101, 285-292.	2.9	22
112	Lentiviral Strategies for RNAi Knockdown of Neuronal Genes. Current Protocols in Neuroscience, 2007, 39, Unit 5.26.	2.6	7
113	Essential role for Dicer during skeletal muscle development. Developmental Biology, 2007, 311, 359-368.	2.0	298
114	Dysregulation of Cardiogenesis, Cardiac Conduction, and Cell Cycle in Mice Lacking miRNA-1-2. Cell, 2007, 129, 303-317.	28.9	1,341
115	Complex formation between recombinant ATP sulfurylase and APS reductase of Allium cepa (L.). FEBS Letters, 2007, 581, 4139-4147.	2.8	20
116	Extracellular Sulfatases, Elements of the Wnt Signaling Pathway, Positively Regulate Growth and Tumorigenicity of Human Pancreatic Cancer Cells. PLoS ONE, 2007, 2, e392.	2.5	162
117	Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium. FEBS Letters, 2006, 580, 5150-5154.	2.8	37
118	RNA interference in embryonic stem cells and the prospects for future therapies. Gene Therapy, 2006, 13, 478-486.	4.5	19
119	Ethylene and carbon dioxide production by developing strawberries show a correlative pattern that is indicative of ripening climacteric fruit. Physiologia Plantarum, 2006, 127, 247-259.	5.2	105
120	Expression of 1-Aminocyclopropane-1-Carboxylate (ACC) Oxidase Genes During the Development of Vegetative Tissues in White Clover (Trifolium repens L.) is Regulated by Ontological Cues. Plant Molecular Biology, 2006, 60, 451-467.	3.9	24
121	Dicerfunction is essential for lung epithelium morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2208-2213.	7.1	382
122	Hormones and Signals: Identification and Description of Signalling Molecules. , 2005, , 6-41.		0
123	Molecular and biochemical characterisation of a serine acetyltransferase of onion, Allium cepa (L.). Phytochemistry, 2005, 66, 1407-1416.	2.9	15
124	Removal of the N-linked glycan structure from the peanut peroxidase prxPNC2: Influence on protein stability and activity. Phytochemistry, 2005, 66, 1869-1879.	2.9	5
125	Developmental regulation of 1-aminocyclopropane-1-carboxylate synthase gene expression during leaf ontogeny in white clover. Physiologia Plantarum, 2005, 124, 107-120.	5.2	6
126	The microRNA miR-196 acts upstream of Hoxb8 and Shh in limb development. Nature, 2005, 438, 671-674.	27.8	365

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127	Sulfur and nitrogen fertility affects flavour of field-grown onions. Plant and Soil, 2005, 269, 151-158.	3.7	43
128	Cell-to-Cell Signalling: Short and Long Distance. , 2005, , 42-75.		0
129	Population Diversity of Cell Types and Target Identification in Higher Plants. , 2005, , 76-97.		0
130	Flexibility of Cell Types and the Target Cell Status. , 2005, , 98-116.		0
131	Terminally Committed Cell Types and the Target Status. , 2005, , 117-145.		0
132	The Mechanisms of Target Cell Perception and Response to Specific Signals. , 2005, , 146-178.		0
133	Hormone Action and the Relief of Repression. , 2005, , 179-197.		0
134	The Phenomenon of Hormonal Cross-Talk. , 2005, , 198-204.		0
135	MicroRNAs and endocrine biology. Journal of Endocrinology, 2005, 187, 327-332.	2.6	159
136	The RNaseIII enzyme Dicer is required for morphogenesis but not patterning of the vertebrate limb. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10898-10903.	7.1	619
137	Senescence-associated down-regulation of 1-aminocyclopropane-1-carboxylate (ACC) oxidase delays harvest-induced senescence in broccoli. Functional Plant Biology, 2005, 32, 891.	2.1	27
138	Slowing Down the Ras Lane: miRNAs as Tumor Suppressors?. Science Signaling, 2005, 2005, pe41-pe41.	3.6	19
139	Expression of the soybean (Kunitz) trypsin inhibitor in leaves of white clover (Trifolium repens L.). Plant Science, 2005, 168, 1211-1220.	3.6	18
140	TAZ, a Transcriptional Modulator of Mesenchymal Stem Cell Differentiation. Science, 2005, 309, 1074-1078.	12.6	891
141	Tissue-specific changes in remobilisation of fructan in the xerophytic tussock species Festuca novae-zelandiae in response to a water deficit. Functional Plant Biology, 2004, 31, 377.	2.1	20
142	Cre-lox-regulated conditional RNA interference from transgenes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10380-10385.	7.1	575
143	MicroRNA-responsive 'sensor' transgenes uncover Hox-like and other developmentally regulated patterns of vertebrate microRNA expression. Nature Genetics, 2004, 36, 1079-1083.	21.4	411
144	Small RNAs and Immunity. Immunity, 2004, 21, 747-756.	14.3	29

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145	MicroRNAs and cancer. Seminars in Cancer Biology, 2003, 13, 253-258.	9.6	368
146	Changes in photosynthetic efficiency and carotenoid composition in leaves of white clover at different developmental stages. Plant Physiology and Biochemistry, 2003, 41, 887-893.	5.8	72
147	A lentivirus-based system to functionally silence genes in primary mammalian cells, stem cells and transgenic mice by RNA interference. Nature Genetics, 2003, 33, 401-406.	21.4	1,427
148	RNA interference of influenza virus production by directly targeting mRNA for degradation and indirectly inhibiting all viral RNA transcription. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2718-2723.	7.1	480
149	Identification and Characterisation of Proteinase Inhibitors and Their Genes from Seeds of Apple (Malus domestica). Journal of Biochemistry, 2003, 134, 31-42.	1.7	15
150	Small Interfering RNA-Mediated Gene Silencing in T Lymphocytes. Journal of Immunology, 2002, 169, 5754-5760.	0.8	217
151	Gene silencing using micro-RNA designed hairpins. Rna, 2002, 8, 842-850.	3.5	280
152	CP110, a Cell Cycle-Dependent CDK Substrate, Regulates Centrosome Duplication in Human Cells. Developmental Cell, 2002, 3, 339-350.	7.0	290
153	The proteomics of senescence in leaves of white clover, Trifolium repens (L.). Proteomics, 2002, 2, 1114-1122.	2.2	63
154	Gene silencing in mammals by small interfering RNAs. Nature Reviews Genetics, 2002, 3, 737-747.	16.3	1,303
155	Identification of candidate mitochondrial RNA editing ligases from Trypanosoma brucei. Rna, 2001, 7, 167-175.	3.5	103
156	Purification and characterisation of two ACC oxidases expressed differentially during leaf ontogeny in white clover. Physiologia Plantarum, 2000, 110, 13-21.	5.2	17
157	Identification and characterisation of two distinct acid phosphatases in cell walls of roots of white clover. Plant Physiology and Biochemistry, 2000, 38, 259-270.	5.8	27
158	Pinitol accumulation in mature leaves of white clover in response to a water deficit. Environmental and Experimental Botany, 2000, 43, 11-18.	4.2	43
159	Processing of polycistronic guide RNAs is associated with RNA editing complexes in Trypanosoma brucei. EMBO Journal, 2000, 19, 5525-5532.	7.8	48
160	A Novel Alliinase from Onion Roots. Biochemical Characterization and cDNA Cloning. Plant Physiology, 2000, 122, 1269-1280.	4.8	65
161	Trypanosoma brucei Guide RNA Poly(U) Tail Formation Is Stabilized by Cognate mRNA. Molecular and Cellular Biology, 2000, 20, 883-891.	2.3	39
162	Cell Separation Processes in Plantsâ€"Models, Mechanisms and Manipulation. Annals of Botany, 2000, 86, 223-235.	2.9	151

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163	Expression of 1-Aminocyclopropane-1-Carboxylate Oxidase during Leaf Ontogeny in White Clover1. Plant Physiology, 1999, 120, 131-142.	4.8	70
164	Comparison of acid phosphatases in two genotypes of white clover with different responses to applied phosphate. Journal of Plant Nutrition, 1999, 22, 679-692.	1.9	29
165	Cell wall proteins in white clover: influence of plant phosphate status. Plant Physiology and Biochemistry, 1999, 37, 25-32.	5.8	4
166	Title is missing!. Transgenic Research, 1999, 8, 383-395.	2.4	43
167	Tissue-specific Changes in the Pattern of Ubiquitin Conjugation of Leaf Proteins in Festuca novae-zelandiae in Response to a Water Deficit. Journal of Plant Physiology, 1999, 154, 404-407.	3.5	3
168	A cysteine proteinase inhibitor purified from apple fruit. Phytochemistry, 1998, 49, 957-963.	2.9	46
169	Identification of two further cationic peroxidase isoenzymes secreted by peanut cells in suspension culture. Plant Physiology and Biochemistry, 1998, 36, 591-599.	5.8	8
170	Identification of cell wall proteins in roots of phosphate-deprived white clover plants. Plant Physiology and Biochemistry, 1998, 36, 305-311.	5.8	8
171	Observations on the leaf anatomy ofFestuca novaeâ€zelandiaeand biochemical responses to a water deficit. New Zealand Journal of Botany, 1998, 36, 113-123.	1.1	39
172	Biochemical Methods for Analysis of Kinetoplastid RNA Editing. Methods, 1998, 15, 15-26.	3.8	15
173	Transdifferentiation of Mature Cortical Cells to Functional Abscission Cells in Bean1. Plant Physiology, 1998, 116, 891-899.	4.8	51
174	Effects of the soybean (Kunitz) trypsin inhibitor on growth and digestive proteases of larvae of Spodoptera litura. Journal of Insect Physiology, 1995, 41, 731-738.	2.0	92
175	Characterization of Monoclonal Antibodies that Recognize the Soybean (Kunitz) Trypsin Inhibitor: Binding to the Inhibitor Interrupts the Formation of the Trypsin : Inhibitor Complex. Journal of Plant Physiology, 1995, 146, 243-248.	3.5	10
176	Characterization of serine proteinase inhibitors in dry seeds of cultivated pasture grass species. Seed Science Research, 1994, 4, 335-345.	1.7	2
177	Accumulation of a chymotrypsin inhibitor in transgenic tobacco can affect the growth of insect pests. Transgenic Research, 1994, 3, 50-58.	2.4	130
178	Wounding induces a series of closely related trypsin/chymotrypsin inhibitory peptides in leaves of tobacco. Phytochemistry, 1994, 37, 921-926.	2.9	10
179	Identification and Characterization of an Ionically-Bound Cell Wall Glycoprotein Expressed Preferentially in the Leaf Rachis Abscission Zone of Sambucus nigra L.. Journal of Plant Physiology, 1991, 138, 63-67.	3.5	11
180	Identification of polypeptides specific to rachis abscission zone cells of Sambucus nigra. Physiologia Plantarum, 1990, 79, 471-478.	5.2	24

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