

Andrew Z Fire

List of Publications by Year in descending order

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163
papers

39,325
citations

15466

65
h-index

10424

139
g-index

174
all docs

174
docs citations

174
times ranked

31932
citing authors

#	ARTICLE	IF	CITATIONS
1	Context-dependent DNA polymerization effects can masquerade as DNA modification signals. BMC Genomics, 2022, 23, 249.	1.2	2
2	An essential role for the piRNA pathway in regulating the ribosomal RNA pool in <i>C.Âelegans</i> . Developmental Cell, 2021, 56, 2295-2312.e6.	3.1	31
3	Lymphoid blast transformation in an MPN with <i>BCR-JAK2</i> treated with ruxolitinib: putative mechanisms of resistance. Blood Advances, 2021, 5, 3492-3496.	2.5	14
4	PLP-1 is essential for germ cell development and germline gene silencing in <i>C. elegans</i> . Development (Cambridge), 2020, 147, .	1.2	3
5	Doubling of the known set of RNA viruses by metagenomic analysis of an aquatic virome. Nature Microbiology, 2020, 5, 1262-1270.	5.9	156
6	An Extensive Meta-Metagenomic Search Identifies SARS-CoV-2-Homologous Sequences in Pangolin Lung Viromes. MSphere, 2020, 5, .	1.3	46
7	Intron and gene size expansion during nervous system evolution. BMC Genomics, 2020, 21, 360.	1.2	38
8	Transcription polymerase-catalyzed emergence of novel RNA replicons. Science, 2020, 368, .	6.0	19
9	Aberrant B cell repertoire selection associated with HIV neutralizing antibody breadth. Nature Immunology, 2020, 21, 199-209.	7.0	68
10	Clonality: Point estimation. Annals of Applied Statistics, 2019, 13, .	0.5	0
11	Prospective Biopsy-Based Study of CKD of Unknown Etiology in Sri Lanka. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 224-232.	2.2	27
12	Recompleting the <i>Caenorhabditis elegans</i> genome. Genome Research, 2019, 29, 1009-1022.	2.4	108
13	Deconvolution of nucleic-acid length distributions: a gel electrophoresis analysis tool and applications. Nucleic Acids Research, 2019, 47, e92-e92.	6.5	10
14	Ribosome clearance during RNA interference. Rna, 2019, 25, 963-974.	1.6	11
15	Target-dependent nickase activities of the CRISPR-Cas nucleases Cpf1 and Cas9. Nature Microbiology, 2019, 4, 888-897.	5.9	49
16	Maternal Ribosomes Are Sufficient for Tissue Diversification during Embryonic Development in <i>C.Âelegans</i> . Developmental Cell, 2019, 48, 811-826.e6.	3.1	32
17	Assessment and Maintenance of Unigametic Germline Inheritance for <i>C.Âelegans</i> . Developmental Cell, 2019, 48, 827-839.e9.	3.1	21
18	Epidemiology, molecular, and genetic methodologies to evaluate causes of CKDu around the world: report of the Working Group from the ISN International Consortium of Collaborators on CKDu. Kidney International, 2019, 96, 1254-1260.	2.6	16

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19	A Small RNA Isolation and Sequencing Protocol and Its Application to Assay CRISPR RNA Biogenesis in Bacteria. <i>Bio-protocol</i> , 2018, 8, .	0.2	5
20	A Reverse Transcriptase-Cas1 Fusion Protein Contains a Cas6 Domain Required for Both CRISPR RNA Biogenesis and RNA Spacer Acquisition. <i>Molecular Cell</i> , 2018, 72, 700-714.e8.	4.5	25
21	Nonsense mRNA suppression via nonstop decay. <i>ELife</i> , 2018, 7, .	2.8	46
22	High-Throughput Characterization of Cascade type I-E CRISPR Guide Efficacy Reveals Unexpected PAM Diversity and Target Sequence Preferences. <i>Genetics</i> , 2017, 206, 1727-1738.	1.2	23
23	Sequence-Modified Antibiotic Resistance Genes Provide Sustained Plasmid-Mediated Transgene Expression in Mammals. <i>Molecular Therapy</i> , 2017, 25, 1187-1198.	3.7	10
24	A novel TRIP11-FLT3 fusion in a patient with a myeloid/lymphoid neoplasm with eosinophilia. <i>Cancer Genetics</i> , 2017, 216-217, 10-15.	0.2	17
25	Intricate and Cell Type-Specific Populations of Endogenous Circular DNA (eccDNA) in <i>Caenorhabditis elegans</i> and <i>Homo sapiens</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3295-3303.	0.8	87
26	On the Origin of Reverse Transcriptase-Using CRISPR-Cas Systems and Their Hyperdiverse, Enigmatic Spacer Repertoires. <i>MBio</i> , 2017, 8, .	1.8	52
27	Type III CRISPR-Cas systems can provide redundancy to counteract viral escape from type I systems. <i>ELife</i> , 2017, 6, .	2.8	81
28	An Abundant Class of Non-coding DNA Can Prevent Stochastic Gene Silencing in the <i>C.Âelegans</i> Germline. <i>Cell</i> , 2016, 166, 343-357.	13.5	92
29	Distinct patterns of Cas9 mismatch tolerance <i>in vitro</i> and <i>in vivo</i> . <i>Nucleic Acids Research</i> , 2016, 44, 5365-5377.	6.5	62
30	Persistence and evolution of allergen-specific IgE repertoires during subcutaneous specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1535-1544.	1.5	41
31	Translation readthrough mitigation. <i>Nature</i> , 2016, 534, 719-723.	13.7	90
32	A streamlined tethered chromosome conformation capture protocol. <i>BMC Genomics</i> , 2016, 17, 274.	1.2	17
33	Cas9 Variants Expand the Target Repertoire in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2016, 202, 381-388.	1.2	22
34	Direct CRISPR spacer acquisition from RNA by a natural reverse transcriptaseâ€‘Cas1 fusion protein. <i>Science</i> , 2016, 351, aad4234.	6.0	170
35	Maturation Pathway from Germline to Broad HIV-1 Neutralizer of a CD4-Mimic Antibody. <i>Cell</i> , 2016, 165, 449-463.	13.5	305
36	Chikungunya Virus Sequences Across the First Epidemic in Nicaragua, 2014â€‘2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 400-403.	0.6	17

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37	Associations between nucleosome phasing, sequence asymmetry, and tissue-specific expression in a set of inbred Medaka species. <i>BMC Genomics</i> , 2015, 16, 978.	1.2	3
38	Functional relevance of "seed" and "non-seed" sequences in microRNA-mediated promotion of <i>C. elegans</i> developmental progression. <i>Rna</i> , 2015, 21, 1980-1992.	1.6	25
39	Landscape of target:guide homology effects on Cas9-mediated cleavage. <i>Nucleic Acids Research</i> , 2014, 42, 13778-13787.	6.5	65
40	Gamete-Type Dependent Crossover Interference Levels in a Defined Region of <i>Caenorhabditis elegans</i> Chromosome V. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 117-120.	0.8	10
41	A Requirement for ERK-Dependent Dicer Phosphorylation in Coordinating Oocyte-to-Embryo Transition in <i>C. elegans</i> . <i>Developmental Cell</i> , 2014, 31, 614-628.	3.1	63
42	Effects of Aging, Cytomegalovirus Infection, and EBV Infection on Human B Cell Repertoires. <i>Journal of Immunology</i> , 2014, 192, 603-611.	0.4	166
43	Efficient Marker-Free Recovery of Custom Genetic Modifications with CRISPR/Cas9 in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2014, 198, 837-846.	1.2	738
44	Immunoglobulin Gene Insertions and Deletions in the Affinity Maturation of HIV-1 Broadly Reactive Neutralizing Antibodies. <i>Cell Host and Microbe</i> , 2014, 16, 304-313.	5.1	137
45	Human Responses to Influenza Vaccination Show Seroconversion Signatures and Convergent Antibody Rearrangements. <i>Cell Host and Microbe</i> , 2014, 16, 105-114.	5.1	246
46	Unusual DNA packaging characteristics in endoreduplicated <i>Caenorhabditis elegans</i> oocytes defined by in vivo accessibility to an endogenous nuclease activity. <i>Epigenetics and Chromatin</i> , 2013, 6, 37.	1.8	5
47	Minicircle DNA Vectors Achieve Sustained Expression Reflected by Active Chromatin and Transcriptional Level. <i>Molecular Therapy</i> , 2013, 21, 131-138.	3.7	103
48	Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. <i>Nature</i> , 2013, 496, 469-476.	13.7	961
49	Convergent Antibody Signatures in Human Dengue. <i>Cell Host and Microbe</i> , 2013, 13, 691-700.	5.1	271
50	The transcription start site landscape of <i>C. elegans</i> . <i>Genome Research</i> , 2013, 23, 1348-1361.	2.4	58
51	Conserved Translatome Remodeling in Nematode Species Executing a Shared Developmental Transition. <i>PLoS Genetics</i> , 2013, 9, e1003739.	1.5	42
52	Comprehensive whole-genome sequencing of an early-stage primary myelofibrosis patient defines low mutational burden and non-recurrent candidate genes. <i>Haematologica</i> , 2013, 98, 1689-1696.	1.7	10
53	The Inference of Phased Haplotypes for the Immunoglobulin H Chain V Region Gene Loci by Analysis of VDJ Gene Rearrangements. <i>Journal of Immunology</i> , 2012, 188, 1333-1340.	0.4	102
54	Contributions of mRNA abundance, ribosome loading, and post- or peri-translational effects to temporal repression of <i>C. elegans</i> heterochronic miRNA targets. <i>Genome Research</i> , 2012, 22, 2418-2426.	2.4	56

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55	Protection from Feed-Forward Amplification in an Amplified RNAi Mechanism. <i>Cell</i> , 2012, 151, 885-899.	13.5	70
56	The Extragenic Spacer Length Between the 5' and 3' Ends of the Transgene Expression Cassette Affects Transgene Silencing From Plasmid-based Vectors. <i>Molecular Therapy</i> , 2012, 20, 2111-2119.	3.7	55
57	Amplification of siRNA in <i>Caenorhabditis elegans</i> generates a transgenerational sequence-targeted histone H3 lysine 9 methylation footprint. <i>Nature Genetics</i> , 2012, 44, 157-164.	9.4	239
58	A nuclear Argonaute promotes multigenerational epigenetic inheritance and germline immortality. <i>Nature</i> , 2012, 489, 447-451.	13.7	450
59	Whole Genome Sequence Analysis of Primary Myelofibrosis. <i>Blood</i> , 2012, 120, 2863-2863.	0.6	0
60	Competition between ADAR and RNAi pathways for an extensive class of RNA targets. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1094-1101.	3.6	73
61	Initial antibodies binding to HIV-1 gp41 in acutely infected subjects are polyreactive and highly mutated. <i>Journal of Experimental Medicine</i> , 2011, 208, 2237-2249.	4.2	198
62	High-throughput VDJ sequencing for quantification of minimal residual disease in chronic lymphocytic leukemia and immune reconstitution assessment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21194-21199.	3.3	160
63	EGO-1, a <i>C. elegans</i> RdRP, Modulates Gene Expression via Production of mRNA-Templated Short Antisense RNAs. <i>Current Biology</i> , 2011, 21, 449-459.	1.8	75
64	Determinants of nucleosome organization in primary human cells. <i>Nature</i> , 2011, 474, 516-520.	13.7	567
65	Multimodal RNA-seq using single-strand, double-strand, and CirLigase-based capture yields a refined and extended description of the <i>C. elegans</i> transcriptome. <i>Genome Research</i> , 2011, 21, 265-275.	2.4	38
66	Immunobiology of naïve and genetically modified HLA-class-I-knockdown human embryonic stem cells. <i>Journal of Cell Science</i> , 2011, 124, 3029-3037.	1.2	36
67	Wobble base-pairing slows in vivo translation elongation in metazoans. <i>Rna</i> , 2011, 17, 2063-2073.	1.6	159
68	Inc-miRs™: functional intron-interrupted miRNA genes. <i>Genes and Development</i> , 2011, 25, 1589-1594.	2.7	8
69	On the nature of in vivo requirements for rde-4 in RNAi and developmental pathways in <i>C. elegans</i> . <i>RNA Biology</i> , 2011, 8, 458-467.	1.5	20
70	Human Leukocyte Antigen I Knockdown Human Embryonic Stem Cells Induce Host Ignorance and Achieve Prolonged Xenogeneic Survival. <i>Circulation</i> , 2011, 124, S3-9.	1.6	28
71	Chromatin-Associated Periodicity in Genetic Variation Downstream of Transcriptional Start Sites. , 2011, , 39-47.		1
72	Up-Regulated Dicer Expression in Patients with Cutaneous Melanoma. <i>PLoS ONE</i> , 2011, 6, e20494.	1.1	56

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73	Partitioning the <i>C. elegans</i> genome by nucleosome modification, occupancy, and positioning. <i>Chromosoma</i> , 2010, 119, 73-87.	1.0	55
74	Distributed probing of chromatin structure in vivo reveals pervasive chromatin accessibility for expressed and non-expressed genes during tissue differentiation in <i>C. elegans</i> . <i>BMC Genomics</i> , 2010, 11, 465.	1.2	21
75	Ultra-high throughput sequencing-based small RNA discovery and discrete statistical biomarker analysis in a collection of cervical tumours and matched controls. <i>BMC Biology</i> , 2010, 8, 58.	1.7	148
76	An in vitro-identified high-affinity nucleosome-positioning signal is capable of transiently positioning a nucleosome in vivo. <i>Epigenetics and Chromatin</i> , 2010, 3, 13.	1.8	20
77	Human tRNA-derived small RNAs in the global regulation of RNA silencing. <i>Rna</i> , 2010, 16, 673-695.	1.6	583
78	Individual Variation in the Germline Ig Gene Repertoire Inferred from Variable Region Gene Rearrangements. <i>Journal of Immunology</i> , 2010, 184, 6986-6992.	0.4	261
79	Six RNA Viruses and Forty-One Hosts: Viral Small RNAs and Modulation of Small RNA Repertoires in Vertebrate and Invertebrate Systems. <i>PLoS Pathogens</i> , 2010, 6, e1000764.	2.1	234
80	Distinct Phases of siRNA Synthesis in an Endogenous RNAi Pathway in <i>C. elegans</i> Soma. <i>Molecular Cell</i> , 2010, 37, 679-689.	4.5	177
81	Cell autonomous specification of temporal identity by <i>Caenorhabditis elegans</i> microRNA lin-4. <i>Developmental Biology</i> , 2010, 344, 603-610.	0.9	26
82	High-Throughput VDJ Sequencing Is Superior to Quantitative PCR and Flow Cytometry for the Quantification of Minimal Residual Disease In Chronic Lymphocytic Leukemia After Hematopoietic Cell Transplantation.. <i>Blood</i> , 2010, 116, 1290-1290.	0.6	0
83	Chromatin-Associated Periodicity in Genetic Variation Downstream of Transcriptional Start Sites. <i>Science</i> , 2009, 323, 401-404.	6.0	122
84	<i>Caenorhabditis elegans</i> RNA-Directed RNA Polymerase in Sperm Development and Endogenous RNA Interference. <i>Genetics</i> , 2009, 183, 1297-1314.	1.2	80
85	Caudal-like PAL-1 directly activates the bodywall muscle module regulator <i>hlh-1</i> in <i>C. elegans</i> to initiate the embryonic muscle gene regulatory network. <i>Development (Cambridge)</i> , 2009, 136, 1241-1249.	1.2	38
86	Profiling and Discovery of Novel miRNAs from Formalin-Fixed, Paraffin-Embedded Melanoma and Nodal Specimens. <i>Journal of Molecular Diagnostics</i> , 2009, 11, 420-429.	1.2	40
87	Measurement and Clinical Monitoring of Human Lymphocyte Clonality by Massively Parallel V-D-J Pyrosequencing. <i>Science Translational Medicine</i> , 2009, 1, 12ra23.	5.8	372
88	Capped small RNAs and MOV10 in human hepatitis delta virus replication. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 714-721.	3.6	72
89	A high-resolution, nucleosome position map of <i>C. elegans</i> reveals a lack of universal sequence-dictated positioning. <i>Genome Research</i> , 2008, 18, 1051-1063.	2.4	503
90	CED-9 and mitochondrial homeostasis in <i>C. elegans</i> muscle. <i>Journal of Cell Science</i> , 2008, 121, 3373-3382.	1.2	40

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91	Transmission Dynamics of Heritable Silencing Induced by Double-Stranded RNA in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2008, 180, 1275-1288.	1.2	174
92	Cellular responses to genetic change. <i>FASEB Journal</i> , 2008, 22, 397.2.	0.2	0
93	High-Throughput Sequencing for Diagnosis, Prognosis and Monitoring of Lymphoid Malignancies. <i>Blood</i> , 2008, 112, 3779-3779.	0.6	0
94	Distinct ribonucleoprotein reservoirs for microRNA and siRNA populations in <i>C. elegans</i> . <i>Rna</i> , 2007, 13, 1492-1504.	1.6	18
95	Distinct Populations of Primary and Secondary Effectors During RNAi in <i>C. elegans</i> . <i>Science</i> , 2007, 315, 241-244.	6.0	530
96	Patterns of Known and Novel Small RNAs in Human Cervical Cancer. <i>Cancer Research</i> , 2007, 67, 6031-6043.	0.4	416
97	A pyrosequencing-tailored nucleotide barcode design unveils opportunities for large-scale sample multiplexing. <i>Nucleic Acids Research</i> , 2007, 35, e130.	6.5	306
98	Gene Silencing by Double-Stranded RNA (Nobel Lecture). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6966-6984.	7.2	112
99	Connector Inversion Probe Technology: A Powerful One-Primer Multiplex DNA Amplification System for Numerous Scientific Applications. <i>PLoS ONE</i> , 2007, 2, e915.	1.1	38
100	Structural analysis of hyperperiodic DNA from <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , 2006, 34, 3057-3066.	6.5	37
101	A Differential Cytolocalization Assay for Analysis of Macromolecular Assemblies in the Eukaryotic Cytoplasm. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2175-2184.	2.5	20
102	Unusual DNA Structures Associated With Germline Genetic Activity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 173, 1259-1273.	1.2	61
103	Flexibility and constraint in the nucleosome core landscape of <i>Caenorhabditis elegans</i> chromatin. <i>Genome Research</i> , 2006, 16, 1505-1516.	2.4	169
104	An antagonistic role for the <i>C. elegans</i> Schnurri homolog SMA-9 in modulating TGF β signaling during mesodermal patterning. <i>Development (Cambridge)</i> , 2006, 133, 2887-2896.	1.2	57
105	Design and synthesis of small interfering RNA (siRNA). , 2005, , 103-117.		0
106	Dicer in RNAi: Its roles in vivo and utility in vitro. , 2005, , 29-54.		1
107	Nucleic acid structure and intracellular immunity: some recent ideas from the world of RNAi. <i>Quarterly Reviews of Biophysics</i> , 2005, 38, 303-309.	2.4	18
108	Viral delivery of shRNA. , 2005, , 161-173.		1

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109	<i>Foreword by</i> Andrew Fire. , 2005, , xi-xii.		0
110	RNAi beginnings, Overview of the pathway in <i>C. elegans</i> . , 2005, , 17-28.		0
111	Genes required for RNA interference. , 2005, , 55-68.		1
112	MicroRNAs: A small contribution from worms. , 2005, , 69-83.		0
113	miRNAs in the brain and the application of RNAi to neurons. , 2005, , 84-100.		0
114	Liposomal delivery of siRNAs in mice. , 2005, , 186-193.		0
115	Chemical modifications to achieve increased stability and sensitive detection of siRNA. , 2005, , 194-206.		0
116	In ovoRNAi opens new possibilities for functional genomics in vertebrates. , 2005, , 220-232.		3
117	Practical applications of RNAi in <i>C. elegans</i> . , 2005, , 235-246.		0
118	Inducible RNAi as a forward genetic tool in <i>Trypanosoma brucei</i> . , 2005, , 247-256.		0
119	RNA-mediated gene silencing in fission yeast. , 2005, , 257-269.		0
120	RNAi and gene silencing phenomena mediated by viral suppressors in plants. , 2005, , 280-300.		1
121	RNA interference technology in the discovery and validation of druggable targets. , 2005, , 347-360.		0
122	RNAi-mediated silencing of viral gene expression and replication. , 2005, , 363-383.		0
123	Tools for integrative genomics: Genome-wide RNAi and expression profiling in <i>Drosophila</i> . , 2005, , 433-446.		0
124	Microarray analysis and RNA silencing to determine genes functionally important in mesothelioma. , 2005, , 447-469.		0
125	High-throughput RNA interference. , 2005, , 470-479.		0
126	Imprinting Capacity of Gamete Lineages in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2005, 170, 1633-1652.	1.2	29

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127	Cyclin D involvement demarcates a late transition in <i>C. elegans</i> embryogenesis. <i>Developmental Biology</i> , 2005, 279, 244-251.	0.9	17
128	RNAi, genome ultrastructure, and other unexpected tales from the analysis of genetic silencing. , 2004, , .		0
129	UNC-39, the <i>C. elegans</i> homolog of the human myotonic dystrophy-associated homeodomain protein Six5, regulates cell motility and differentiation. <i>Developmental Biology</i> , 2004, 272, 389-402.	0.9	25
130	Inducible Systemic RNA Silencing in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 2972-2983.	0.9	135
131	The T-box factor MLS-1 acts as a molecular switch during specification of nonstriated muscle in <i>C. elegans</i> . <i>Genes and Development</i> , 2002, 16, 257-269.	2.7	50
132	Rescue of polyglutamine-mediated cytotoxicity by double-stranded RNA-mediated RNA interference. <i>Human Molecular Genetics</i> , 2002, 11, 175-184.	1.4	100
133	Loss of the Putative RNA-Directed RNA Polymerase RRF-3 Makes <i>C. elegans</i> Hypersensitive to RNAi. <i>Current Biology</i> , 2002, 12, 1317-1319.	1.8	529
134	Ingestion of bacterially expressed dsRNAs can produce specific and potent genetic interference in <i>Caenorhabditis elegans</i> . <i>Gene</i> , 2001, 263, 103-112.	1.0	1,605
135	Genes and Mechanisms Related to RNA Interference Regulate Expression of the Small Temporal RNAs that Control <i>C. elegans</i> Developmental Timing. <i>Cell</i> , 2001, 106, 23-34.	13.5	1,731
136	On the Role of RNA Amplification in dsRNA-Triggered Gene Silencing. <i>Cell</i> , 2001, 107, 465-476.	13.5	1,172
137	Recognition and Silencing of Repeated DNA. <i>Annual Review of Genetics</i> , 2000, 34, 187-204.	3.2	99
138	Essential Roles for <i>Caenorhabditis elegans</i> Lamin Gene in Nuclear Organization, Cell Cycle Progression, and Spatial Organization of Nuclear Pore Complexes. <i>Molecular Biology of the Cell</i> , 2000, 11, 3937-3947.	0.9	378
139	The MADS-Box Factor CeMEF2 Is Not Essential for <i>Caenorhabditis elegans</i> Myogenesis and Development. <i>Developmental Biology</i> , 2000, 223, 431-440.	0.9	34
140	dsRNA-mediated gene silencing in cultured <i>Drosophila</i> cells: a tissue culture model for the analysis of RNA interference. <i>Gene</i> , 2000, 252, 95-105.	1.0	229
141	Functional Anatomy of a dsRNA Trigger. <i>Molecular Cell</i> , 2000, 6, 1077-1087.	4.5	391
142	RNA-triggered gene silencing. <i>Trends in Genetics</i> , 1999, 15, 358-363.	2.9	565
143	The rde-1 Gene, RNA Interference, and Transposon Silencing in <i>C. elegans</i> . <i>Cell</i> , 1999, 99, 123-132.	13.5	1,180
144	Evolutionary Conservation of MyoD Function and Differential Utilization of E Proteins. <i>Developmental Biology</i> , 1999, 208, 465-472.	0.9	42

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145	Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 1998, 391, 806-811.	13.7	13,137
146	Specific interference by ingested dsRNA. <i>Nature</i> , 1998, 395, 854-854.	13.7	1,655
147	Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression. <i>Trends in Genetics</i> , 1998, 14, 255-258.	2.9	222
148	<i>Caenorhabditis elegans</i> Levamisole Resistance Genes <i>lev-1</i> , <i>unc-29</i> , and <i>unc-38</i> Encode Functional Nicotinic Acetylcholine Receptor Subunits. <i>Journal of Neuroscience</i> , 1997, 17, 5843-5857.	1.7	301
149	Distinct Requirements for Somatic and Germline Expression of a Generally Expressed <i>Caenorhabditis elegans</i> Gene. <i>Genetics</i> , 1997, 146, 227-238.	1.2	444
150	Repression of gene expression in the embryonic germ lineage of <i>C. elegans</i> . <i>Nature</i> , 1996, 382, 713-716.	13.7	299
151	Chapter 14 Whole-Mount in Situ Hybridization for the Detection of RNA in <i>Caenorhabditis elegans</i> Embryos. <i>Methods in Cell Biology</i> , 1995, 48, 323-337.	0.5	65
152	Chapter 19 DNA Transformation. <i>Methods in Cell Biology</i> , 1995, , 451-482.	0.5	1,063
153	A four-dimensional digital image archiving system for cell lineage tracing and retrospective embryology. <i>Bioinformatics</i> , 1994, 10, 443-447.	1.8	12
154	Elements Regulating Cell- and Stage-Specific Expression of the <i>C. elegans</i> MyoD Family Homolog <i>hlh-1</i> . <i>Developmental Biology</i> , 1994, 166, 133-148.	0.9	99
155	Functional conservation of nematode and vertebrate myogenic regulatory factors. <i>Journal of Cell Science</i> , 1992, 1992, 111-115.	1.2	17
156	Histochemical techniques for locating <i>Escherichia coli</i> β -galactosidase activity in transgenic organisms. <i>Genetic Analysis, Techniques and Applications</i> , 1992, 9, 151-158.	1.5	84
157	Vectors for low copy transformation of <i>C. elegans</i> . <i>Nucleic Acids Research</i> , 1990, 18, 4269-4269.	6.5	47
158	A modular set of lacZ fusion vectors for studying gene expression in <i>Caenorhabditis elegans</i> . <i>Gene</i> , 1990, 93, 189-198.	1.0	620
159	CeMyoD accumulation defines the body wall muscle cell fate during <i>C. elegans</i> embryogenesis. <i>Cell</i> , 1990, 63, 907-919.	13.5	211
160	Integrative transformation of <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 1986, 5, 2673-2680.	3.5	383
161	Sexist ads. <i>Nature</i> , 1986, 321, 106-106.	13.7	1
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