

Andrew Z Fire

List of Publications by Year in descending order

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163
papers

39,325
citations

15504

65
h-index

10445

139
g-index

174
all docs

174
docs citations

174
times ranked

31932
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 1998, 391, 806-811.	27.8	13,137
2	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.	28.9	1,731
3	Specific interference by ingested dsRNA. <i>Nature</i> , 1998, 395, 854-854.	27.8	1,655
4	Ingestion of bacterially expressed dsRNAs can produce specific and potent genetic interference in <i>Caenorhabditis elegans</i> . <i>Gene</i> , 2001, 263, 103-112.	2.2	1,605
5	The <i>rde-1</i> Gene, RNA Interference, and Transposon Silencing in <i>C. elegans</i> . <i>Cell</i> , 1999, 99, 123-132.	28.9	1,180
6	On the Role of RNA Amplification in dsRNA-Triggered Gene Silencing. <i>Cell</i> , 2001, 107, 465-476.	28.9	1,172
7	Chapter 19 DNA Transformation. <i>Methods in Cell Biology</i> , 1995, , 451-482.	1.1	1,063
8	Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. <i>Nature</i> , 2013, 496, 469-476.	27.8	961
9	Efficient Marker-Free Recovery of Custom Genetic Modifications with CRISPR/Cas9 in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2014, 198, 837-846.	2.9	738
10	A modular set of <i>lacZ</i> fusion vectors for studying gene expression in <i>Caenorhabditis elegans</i> . <i>Gene</i> , 1990, 93, 189-198.	2.2	620
11	Human tRNA-derived small RNAs in the global regulation of RNA silencing. <i>Rna</i> , 2010, 16, 673-695.	3.5	583
12	Determinants of nucleosome organization in primary human cells. <i>Nature</i> , 2011, 474, 516-520.	27.8	567
13	RNA-triggered gene silencing. <i>Trends in Genetics</i> , 1999, 15, 358-363.	6.7	565
14	Distinct Populations of Primary and Secondary Effectors During RNAi in <i>C. elegans</i> . <i>Science</i> , 2007, 315, 241-244.	12.6	530
15	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.	3.9	529
16	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.	5.5	503
17	A nuclear Argonaute promotes multigenerational epigenetic inheritance and germline immortality. <i>Nature</i> , 2012, 489, 447-451.	27.8	450
18	Distinct Requirements for Somatic and Germline Expression of a Generally Expressed <i>Caenorhabditis elegans</i> Gene. <i>Genetics</i> , 1997, 146, 227-238.	2.9	444

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19	Patterns of Known and Novel Small RNAs in Human Cervical Cancer. <i>Cancer Research</i> , 2007, 67, 6031-6043.	0.9	416
20	Functional Anatomy of a dsRNA Trigger. <i>Molecular Cell</i> , 2000, 6, 1077-1087.	9.7	391
21	Integrative transformation of <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 1986, 5, 2673-2680.	7.8	383
22	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.	2.1	378
23	Measurement and Clinical Monitoring of Human Lymphocyte Clonality by Massively Parallel V-DJ Pyrosequencing. <i>Science Translational Medicine</i> , 2009, 1, 12ra23.	12.4	372
24	[35] In Vitro transcription: Whole-cell extract. <i>Methods in Enzymology</i> , 1983, 101, 568-582.	1.0	309
25	A pyrosequencing-tailored nucleotide barcode design unveils opportunities for large-scale sample multiplexing. <i>Nucleic Acids Research</i> , 2007, 35, e130.	14.5	306
26	Maturation Pathway from Germline to Broad HIV-1 Neutralizer of a CD4-Mimic Antibody. <i>Cell</i> , 2016, 165, 449-463.	28.9	305
27	<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.	3.6	301
28	Repression of gene expression in the embryonic germ lineage of <i>C. elegans</i> . <i>Nature</i> , 1996, 382, 713-716.	27.8	299
29	Convergent Antibody Signatures in Human Dengue. <i>Cell Host and Microbe</i> , 2013, 13, 691-700.	11.0	271
30	Individual Variation in the Germline Ig Gene Repertoire Inferred from Variable Region Gene Rearrangements. <i>Journal of Immunology</i> , 2010, 184, 6986-6992.	0.8	261
31	Human Responses to Influenza Vaccination Show Seroconversion Signatures and Convergent Antibody Rearrangements. <i>Cell Host and Microbe</i> , 2014, 16, 105-114.	11.0	246
32	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.	21.4	239
33	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.	4.7	234
34	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.	2.2	229
35	Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression. <i>Trends in Genetics</i> , 1998, 14, 255-258.	6.7	222
36	CeMyoD accumulation defines the body wall muscle cell fate during <i>C. elegans</i> embryogenesis. <i>Cell</i> , 1990, 63, 907-919.	28.9	211

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37	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.	8.5	198
38	Distinct Phases of siRNA Synthesis in an Endogenous RNAi Pathway in <i>C. elegans</i> Soma. <i>Molecular Cell</i> , 2010, 37, 679-689.	9.7	177
39	Transmission Dynamics of Heritable Silencing Induced by Double-Stranded RNA in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2008, 180, 1275-1288.	2.9	174
40	Direct CRISPR spacer acquisition from RNA by a natural reverse transcriptase-Cas1 fusion protein. <i>Science</i> , 2016, 351, aad4234.	12.6	170
41	Flexibility and constraint in the nucleosome core landscape of <i>Caenorhabditis elegans</i> chromatin. <i>Genome Research</i> , 2006, 16, 1505-1516.	5.5	169
42	Effects of Aging, Cytomegalovirus Infection, and EBV Infection on Human B Cell Repertoires. <i>Journal of Immunology</i> , 2014, 192, 603-611.	0.8	166
43	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.	7.1	160
44	Wobble base-pairing slows in vivo translation elongation in metazoans. <i>Rna</i> , 2011, 17, 2063-2073.	3.5	159
45	Doubling of the known set of RNA viruses by metagenomic analysis of an aquatic virome. <i>Nature Microbiology</i> , 2020, 5, 1262-1270.	13.3	156
46	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.	3.8	148
47	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.	11.0	137
48	Inducible Systemic RNA Silencing in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 2972-2983.	2.1	135
49	Chromatin-Associated Periodicity in Genetic Variation Downstream of Transcriptional Start Sites. <i>Science</i> , 2009, 323, 401-404.	12.6	122
50	Gene Silencing by Double-Stranded RNA (Nobel Lecture). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6966-6984.	13.8	112
51	Recompleting the <i>Caenorhabditis elegans</i> genome. <i>Genome Research</i> , 2019, 29, 1009-1022.	5.5	108
52	Minicircle DNA Vectors Achieve Sustained Expression Reflected by Active Chromatin and Transcriptional Level. <i>Molecular Therapy</i> , 2013, 21, 131-138.	8.2	103
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.	0.8	102
54	Rescue of polyglutamine-mediated cytotoxicity by double-stranded RNA-mediated RNA interference. <i>Human Molecular Genetics</i> , 2002, 11, 175-184.	2.9	100

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55	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.	2.0	99
56	Recognition and Silencing of Repeated DNA. <i>Annual Review of Genetics</i> , 2000, 34, 187-204.	7.6	99
57	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.	28.9	92
58	Translation readthrough mitigation. <i>Nature</i> , 2016, 534, 719-723.	27.8	90
59	Inhibition of transcription factor activity by poliovirus. <i>Cell</i> , 1981, 27, 555-561.	28.9	87
60	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.	1.8	87
61	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
62	Type III CRISPR-Cas systems can provide redundancy to counteract viral escape from type I systems. <i>ELife</i> , 2017, 6, .	6.0	81
63	A <i>Caenorhabditis elegans</i> RNA-Directed RNA Polymerase in Sperm Development and Endogenous RNA Interference. <i>Genetics</i> , 2009, 183, 1297-1314.	2.9	80
64	EGO-1, a <i>C.Âelegans</i> RdRP, Modulates Gene Expression via Production of mRNA-Templated Short Antisense RNAs. <i>Current Biology</i> , 2011, 21, 449-459.	3.9	75
65	Competition between ADAR and RNAi pathways for an extensive class of RNA targets. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1094-1101.	8.2	73
66	Capped small RNAs and MOV10 in human hepatitis delta virus replication. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 714-721.	8.2	72
67	Protection from Feed-Forward Amplification in an Amplified RNAi Mechanism. <i>Cell</i> , 2012, 151, 885-899.	28.9	70
68	Aberrant B cell repertoire selection associated with HIV neutralizing antibody breadth. <i>Nature Immunology</i> , 2020, 21, 199-209.	14.5	68
69	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.	1.1	65
70	Landscape of target:guide homology effects on Cas9-mediated cleavage. <i>Nucleic Acids Research</i> , 2014, 42, 13778-13787.	14.5	65
71	A Requirement for ERK-Dependent Dicer Phosphorylation in Coordinating Oocyte-to-Embryo Transition in <i>C.Âelegans</i> . <i>Developmental Cell</i> , 2014, 31, 614-628.	7.0	63
72	Distinct patterns of Cas9 mismatch tolerance <i>in vitro</i> and <i>in vivo</i> . <i>Nucleic Acids Research</i> , 2016, 44, 5365-5377.	14.5	62

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73	Unusual DNA Structures Associated With Germline Genetic Activity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 173, 1259-1273.	2.9	61
74	The transcription start site landscape of <i>C. elegans</i> . <i>Genome Research</i> , 2013, 23, 1348-1361.	5.5	58
75	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.	2.5	57
76	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.	5.5	56
77	Up-Regulated Dicer Expression in Patients with Cutaneous Melanoma. <i>PLoS ONE</i> , 2011, 6, e20494.	2.5	56
78	Partitioning the <i>C. elegans</i> genome by nucleosome modification, occupancy, and positioning. <i>Chromosoma</i> , 2010, 119, 73-87.	2.2	55
79	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.	8.2	55
80	On the Origin of Reverse Transcriptase-Using CRISPR-Cas Systems and Their Hyperdiverse, Enigmatic Spacer Repertoires. <i>MBio</i> , 2017, 8, .	4.1	52
81	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.	5.9	50
82	Target-dependent nickase activities of the CRISPR-Cas nucleases Cpf1 and Cas9. <i>Nature Microbiology</i> , 2019, 4, 888-897.	13.3	49
83	Vectors for low copy transformation of <i>C. elegans</i> . <i>Nucleic Acids Research</i> , 1990, 18, 4269-4269.	14.5	47
84	Nonsense mRNA suppression via nonstop decay. <i>ELife</i> , 2018, 7, .	6.0	46
85	An Extensive Meta-Metagenomic Search Identifies SARS-CoV-2-Homologous Sequences in Pangolin Lung Viromes. <i>MSphere</i> , 2020, 5, .	2.9	46
86	Evolutionary Conservation of MyoD Function and Differential Utilization of E Proteins. <i>Developmental Biology</i> , 1999, 208, 465-472.	2.0	42
87	Conserved Translatome Remodeling in Nematode Species Executing a Shared Developmental Transition. <i>PLoS Genetics</i> , 2013, 9, e1003739.	3.5	42
88	Persistence and evolution of allergen-specific IgE repertoires during subcutaneous specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1535-1544.	2.9	41
89	CED-9 and mitochondrial homeostasis in <i>C. elegans</i> muscle. <i>Journal of Cell Science</i> , 2008, 121, 3373-3382.	2.0	40
90	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.	2.8	40

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91	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.	2.5	38
92	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.	5.5	38
93	Intron and gene size expansion during nervous system evolution. <i>BMC Genomics</i> , 2020, 21, 360.	2.8	38
94	Connector Inversion Probe Technology: A Powerful One-Primer Multiplex DNA Amplification System for Numerous Scientific Applications. <i>PLoS ONE</i> , 2007, 2, e915.	2.5	38
95	Structural analysis of hyperperiodic DNA from <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , 2006, 34, 3057-3066.	14.5	37
96	Immunobiology of naïve and genetically modified HLA-class-I-knockdown human embryonic stem cells. <i>Journal of Cell Science</i> , 2011, 124, 3029-3037.	2.0	36
97	The MADS-Box Factor <i>CeMEF2</i> Is Not Essential for <i>Caenorhabditis elegans</i> Myogenesis and Development. <i>Developmental Biology</i> , 2000, 223, 431-440.	2.0	34
98	Maternal Ribosomes Are Sufficient for Tissue Diversification during Embryonic Development in <i>C. elegans</i> . <i>Developmental Cell</i> , 2019, 48, 811-826.e6.	7.0	32
99	An essential role for the piRNA pathway in regulating the ribosomal RNA pool in <i>C. elegans</i> . <i>Developmental Cell</i> , 2021, 56, 2295-2312.e6.	7.0	31
100	Imprinting Capacity of Gamete Lineages in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2005, 170, 1633-1652.	2.9	29
101	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
102	Prospective Biopsy-Based Study of CKD of Unknown Etiology in Sri Lanka. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 224-232.	4.5	27
103	Cell autonomous specification of temporal identity by <i>Caenorhabditis elegans</i> microRNA <i>lin-4</i> . <i>Developmental Biology</i> , 2010, 344, 603-610.	2.0	26
104	<i>UNC-39</i> , the <i>C. elegans</i> homolog of the human myotonic dystrophy-associated homeodomain protein <i>Six5</i> , regulates cell motility and differentiation. <i>Developmental Biology</i> , 2004, 272, 389-402.	2.0	25
105	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.	3.5	25
106	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.	9.7	25
107	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.	2.9	23
108	Cas9 Variants Expand the Target Repertoire in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2016, 202, 381-388.	2.9	22

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109	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.	2.8	21
110	Assessment and Maintenance of Unigametic Germline Inheritance for <i>C. elegans</i> . <i>Developmental Cell</i> , 2019, 48, 827-839.e9.	7.0	21
111	A Differential Cytolocalization Assay for Analysis of Macromolecular Assemblies in the Eukaryotic Cytoplasm. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2175-2184.	3.8	20
112	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.	3.9	20
113	On the nature of in vivo requirements for <i>rde-4</i> in RNAi and developmental pathways in <i>C. elegans</i> . <i>RNA Biology</i> , 2011, 8, 458-467.	3.1	20
114	Transcription polymerase-catalyzed emergence of novel RNA replicons. <i>Science</i> , 2020, 368, .	12.6	19
115	Nucleic acid structure and intracellular immunity: some recent ideas from the world of RNAi. <i>Quarterly Reviews of Biophysics</i> , 2005, 38, 303-309.	5.7	18
116	Distinct ribonucleoprotein reservoirs for microRNA and siRNA populations in <i>C. elegans</i> . <i>Rna</i> , 2007, 13, 1492-1504.	3.5	18
117	Functional conservation of nematode and vertebrate myogenic regulatory factors. <i>Journal of Cell Science</i> , 1992, 1992, 111-115.	2.0	17
118	Cyclin D involvement demarcates a late transition in <i>C. elegans</i> embryogenesis. <i>Developmental Biology</i> , 2005, 279, 244-251.	2.0	17
119	A streamlined tethered chromosome conformation capture protocol. <i>BMC Genomics</i> , 2016, 17, 274.	2.8	17
120	Chikungunya Virus Sequences Across the First Epidemic in Nicaragua, 2014-2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 400-403.	1.4	17
121	A novel TRIP11-FLT3 fusion in a patient with a myeloid/lymphoid neoplasm with eosinophilia. <i>Cancer Genetics</i> , 2017, 216-217, 10-15.	0.4	17
122	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. <i>Kidney International</i> , 2019, 96, 1254-1260.	5.2	16
123	Lymphoid blast transformation in an MPN with <i>BCR-JAK2</i> treated with ruxolitinib: putative mechanisms of resistance. <i>Blood Advances</i> , 2021, 5, 3492-3496.	5.2	14
124	A four-dimensional digital image archiving system for cell lineage tracing and retrospective embryology. <i>Bioinformatics</i> , 1994, 10, 443-447.	4.1	12
125	Ribosome clearance during RNA interference. <i>Rna</i> , 2019, 25, 963-974.	3.5	11
126	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.	3.5	10

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127	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.	1.8	10
128	Sequence-Modified Antibiotic Resistance Genes Provide Sustained Plasmid-Mediated Transgene Expression in Mammals. <i>Molecular Therapy</i> , 2017, 25, 1187-1198.	8.2	10
129	Deconvolution of nucleic-acid length distributions: a gel electrophoresis analysis tool and applications. <i>Nucleic Acids Research</i> , 2019, 47, e92-e92.	14.5	10
130	Inc-miRs™: functional intron-interrupted miRNA genes. <i>Genes and Development</i> , 2011, 25, 1589-1594.	5.9	8
131	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.	3.9	5
132	A Small RNA Isolation and Sequencing Protocol and Its Application to Assay CRISPR RNA Biogenesis in Bacteria. <i>Bio-protocol</i> , 2018, 8, .	0.4	5
133	In ovoRNAi opens new possibilities for functional genomics in vertebrates. , 2005, , 220-232.		3
134	Associations between nucleosome phasing, sequence asymmetry, and tissue-specific expression in a set of inbred Medaka species. <i>BMC Genomics</i> , 2015, 16, 978.	2.8	3
135	PLP-1 is essential for germ cell development and germline gene silencing in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2020, 147, .	2.5	3
136	Context-dependent DNA polymerization effects can masquerade as DNA modification signals. <i>BMC Genomics</i> , 2022, 23, 249.	2.8	2
137	Sexist ads. <i>Nature</i> , 1986, 321, 106-106.	27.8	1
138	Dicer in RNAi: Its roles in vivo and utility in vitro. , 2005, , 29-54.		1
139	Viral delivery of shRNA. , 2005, , 161-173.		1
140	Genes required for RNA interference. , 2005, , 55-68.		1
141	RNAi and gene silencing phenomena mediated by viral suppressors in plants. , 2005, , 280-300.		1
142	Chromatin-Associated Periodicity in Genetic Variation Downstream of Transcriptional Start Sites. , 2011, , 39-47.		1
143	RNAi, genome ultrastructure, and other unexpected tales from the analysis of genetic silencing. , 2004, , .		0
144	Design and synthesis of small interfering RNA (siRNA). , 2005, , 103-117.		0

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145	<i>Foreword by</i> Andrew Fire. , 2005, , xi-xii.		0
146	RNAi beginnings, Overview of the pathway in C. elegans. , 2005, , 17-28.		0
147	MicroRNAs: A small contribution from worms. , 2005, , 69-83.		0
148	miRNAs in the brain and the application of RNAi to neurons. , 2005, , 84-100.		0
149	Liposomal delivery of siRNAs in mice. , 2005, , 186-193.		0
150	Chemical modifications to achieve increased stability and sensitive detection of siRNA. , 2005, , 194-206.		0
151	Practical applications of RNAi in C. elegans. , 2005, , 235-246.		0
152	Inducible RNAi as a forward genetic tool in Trypanosoma brucei. , 2005, , 247-256.		0
153	RNA-mediated gene silencing in fission yeast. , 2005, , 257-269.		0
154	RNA interference technology in the discovery and validation of druggable targets. , 2005, , 347-360.		0
155	RNAi-mediated silencing of viral gene expression and replication. , 2005, , 363-383.		0
156	Tools for integrative genomics: Genome-wide RNAi and expression profiling in Drosophila. , 2005, , 433-446.		0
157	Microarray analysis and RNA silencing to determine genes functionally important in mesothelioma. , 2005, , 447-469.		0
158	High-throughput RNA interference. , 2005, , 470-479.		0
159	Clonality: Point estimation. Annals of Applied Statistics, 2019, 13, .	1.1	0
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