

John S Mattick

List of Publications by Year in descending order

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302
papers

71,579
citations

950

115
h-index

631

257
g-index

323
all docs

323
docs citations

323
times ranked

69948
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative analysis of 111 reference human epigenomes. <i>Nature</i> , 2015, 518, 317-330.	13.7	5,653
2	Long non-coding RNAs: insights into functions. <i>Nature Reviews Genetics</i> , 2009, 10, 155-159.	7.7	5,105
3	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007, 447, 799-816.	13.7	4,709
4	The Transcriptional Landscape of the Mammalian Genome. <i>Science</i> , 2005, 309, 1559-1563.	6.0	3,227
5	â€˜Touchdownâ€™ PCR to circumvent spurious priming during gene amplification. <i>Nucleic Acids Research</i> , 1991, 19, 4008-4008.	6.5	2,342
6	Non-coding RNA. <i>Human Molecular Genetics</i> , 2006, 15, R17-R29.	1.4	2,052
7	Extracellular DNA Required for Bacterial Biofilm Formation. <i>Science</i> , 2002, 295, 1487-1487.	6.0	1,754
8	Antisense Transcription in the Mammalian Transcriptome. <i>Science</i> , 2005, 309, 1564-1566.	6.0	1,553
9	Ultraconserved Elements in the Human Genome. <i>Science</i> , 2004, 304, 1321-1325.	6.0	1,496
10	Structure and function of long noncoding RNAs in epigenetic regulation. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 300-307.	3.6	1,325
11	The rise of regulatory RNA. <i>Nature Reviews Genetics</i> , 2014, 15, 423-437.	7.7	1,120
12	Specific expression of long noncoding RNAs in the mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 716-721.	3.3	1,081
13	Type IV Pili and Twitching Motility. <i>Annual Review of Microbiology</i> , 2002, 56, 289-314.	2.9	1,059
14	Non-coding RNAs: regulators of disease. <i>Journal of Pathology</i> , 2010, 220, 126-139.	2.1	906
15	Non-coding RNAs: the architects of eukaryotic complexity. <i>EMBO Reports</i> , 2001, 2, 986-991.	2.0	728
16	The Human Mitochondrial Transcriptome. <i>Cell</i> , 2011, 146, 645-658.	13.5	716
17	Long noncoding RNAs in mouse embryonic stem cell pluripotency and differentiation. <i>Genome Research</i> , 2008, 18, 1433-1445.	2.4	698
18	Long noncoding RNAs and the genetics of cancer. <i>British Journal of Cancer</i> , 2013, 108, 2419-2425.	2.9	676

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19	RNA regulation: a new genetics?. <i>Nature Reviews Genetics</i> , 2004, 5, 316-323.	7.7	647
20	The Genetic Signatures of Noncoding RNAs. <i>PLoS Genetics</i> , 2009, 5, e1000459.	1.5	639
21	Somatic retrotransposition alters the genetic landscape of the human brain. <i>Nature</i> , 2011, 479, 534-537.	13.7	621
22	Rapid evolution of noncoding RNAs: lack of conservation does not mean lack of function. <i>Trends in Genetics</i> , 2006, 22, 1-5.	2.9	581
23	Discovery and annotation of long noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 5-7.	3.6	581
24	The Eukaryotic Genome as an RNA Machine. <i>Science</i> , 2008, 319, 1787-1789.	6.0	579
25	The relationship between non-protein-coding DNA and eukaryotic complexity. <i>BioEssays</i> , 2007, 29, 288-299.	1.2	578
26	<i>MEN1</i> nuclear-retained non-coding RNAs are up-regulated upon muscle differentiation and are essential components of paraspeckles. <i>Genome Research</i> , 2009, 19, 347-359.	2.4	570
27	RNA Duplex Map in Living Cells Reveals Higher-Order Transcriptome Structure. <i>Cell</i> , 2016, 165, 1267-1279.	13.5	520
28	lncRNADB: a reference database for long noncoding RNAs. <i>Nucleic Acids Research</i> , 2011, 39, D146-D151.	6.5	508
29	Differentiating Protein-Coding and Noncoding RNA: Challenges and Ambiguities. <i>PLoS Computational Biology</i> , 2008, 4, e1000176.	1.5	493
30	Challenging the dogma: the hidden layer of non-protein-coding RNAs in complex organisms. <i>BioEssays</i> , 2003, 25, 930-939.	1.2	492
31	Touchdown PCR for increased specificity and sensitivity in PCR amplification. <i>Nature Protocols</i> , 2008, 3, 1452-1456.	5.5	480
32	Genome-wide analysis of long noncoding RNA stability. <i>Genome Research</i> , 2012, 22, 885-898.	2.4	471
33	Experimental validation of the regulated expression of large numbers of non-coding RNAs from the mouse genome. <i>Genome Research</i> , 2005, 16, 11-19.	2.4	461
34	Small regulatory RNAs in mammals. <i>Human Molecular Genetics</i> , 2005, 14, R121-R132.	1.4	444
35	Targeted RNA sequencing reveals the deep complexity of the human transcriptome. <i>Nature Biotechnology</i> , 2012, 30, 99-104.	9.4	437
36	The Melanoma-Upregulated Long Noncoding RNA <i>SPRY4-IT1</i> Modulates Apoptosis and Invasion. <i>Cancer Research</i> , 2011, 71, 3852-3862.	0.4	432

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37	The Evolution of Controlled Multitasked Gene Networks: The Role of Introns and Other Noncoding RNAs in the Development of Complex Organisms. <i>Molecular Biology and Evolution</i> , 2001, 18, 1611-1630.	3.5	429
38	Long non-coding RNAs in nervous system function and disease. <i>Brain Research</i> , 2010, 1338, 20-35.	1.1	427
39	The RNA modification landscape in human disease. <i>Rna</i> , 2017, 23, 1754-1769.	1.6	427
40	Noncoding RNA in development. <i>Mammalian Genome</i> , 2008, 19, 454-492.	1.0	423
41	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009, 41, 553-562.	9.4	408
42	Regulation of Epidermal Growth Factor Receptor Signaling in Human Cancer Cells by MicroRNA-7. <i>Journal of Biological Chemistry</i> , 2009, 284, 5731-5741.	1.6	399
43	The conservation of dinucleotide microsatellites among mammalian genomes allows the use of heterologous PCR primer pairs in closely related species. <i>Genomics</i> , 1991, 10, 654-660.	1.3	393
44	Small RNAs derived from snoRNAs. <i>Rna</i> , 2009, 15, 1233-1240.	1.6	384
45	Long noncoding RNAs in neuronal-glia fate specification and oligodendrocyte lineage maturation. <i>BMC Neuroscience</i> , 2010, 11, 14.	0.8	381
46	The Reality of Pervasive Transcription. <i>PLoS Biology</i> , 2011, 9, e1000625.	2.6	380
47	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1106-15.	3.3	376
48	Common components in the assembly of type 4 fimbriae, DNA transfer systems, filamentous phage and protein-secretion apparatus: a general system for the formation of surface-associated protein complexes. <i>Molecular Microbiology</i> , 1993, 10, 233-243.	1.2	369
49	Mechanisms of Long Non-coding RNAs in Mammalian Nervous System Development, Plasticity, Disease, and Evolution. <i>Neuron</i> , 2015, 88, 861-877.	3.8	366
50	The long non-coding RNA Gomafu is acutely regulated in response to neuronal activation and involved in schizophrenia-associated alternative splicing. <i>Molecular Psychiatry</i> , 2014, 19, 486-494.	4.1	356
51	RNA regulation of epigenetic processes. <i>BioEssays</i> , 2009, 31, 51-59.	1.2	333
52	Tiny RNAs associated with transcription start sites in animals. <i>Nature Genetics</i> , 2009, 41, 572-578.	9.4	327
53	Accurate detection of m6A RNA modifications in native RNA sequences. <i>Nature Communications</i> , 2019, 10, 4079.	5.8	322
54	SNORD-host RNA <i>Zfas1</i> is a regulator of mammary development and a potential marker for breast cancer. <i>Rna</i> , 2011, 17, 878-891.	1.6	321

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55	Long noncoding RNAs in cell biology. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 366-376.	2.3	301
56	Characterisation of a <i>Pseudomonas aeruginosa</i> twitching motility gene and evidence for a specialised protein export system widespread in eubacteria. <i>Gene</i> , 1991, 101, 33-44.	1.0	286
57	The Functional Genomics of Noncoding RNA. <i>Science</i> , 2005, 309, 1527-1528.	6.0	281
58	Introns: evolution and function. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 823-831.	1.5	278
59	Noncoding RNAs and RNA Editing in Brain Development, Functional Diversification, and Neurological Disease. <i>Physiological Reviews</i> , 2007, 87, 799-823.	13.1	275
60	Conservation of the regulatory subunit for the Clp ATP-dependent protease in prokaryotes and eukaryotes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 3513-3517.	3.3	274
61	Extracellular Vesicles from Neural Stem Cells Transfer IFN- β via Ifngr1 to Activate Stat1 Signaling in Target Cells. <i>Molecular Cell</i> , 2014, 56, 193-204.	4.5	258
62	NRED: a database of long noncoding RNA expression. <i>Nucleic Acids Research</i> , 2009, 37, D122-D126.	6.5	252
63	Long noncoding RNAs are generated from the mitochondrial genome and regulated by nuclear-encoded proteins. <i>Rna</i> , 2011, 17, 2085-2093.	1.6	251
64	Mechanisms of Thermal Adaptation Revealed From the Genomes of the Antarctic Archaea <i>Methanogenium frigidum</i> and <i>Methanococcoides burtonii</i> . <i>Genome Research</i> , 2003, 13, 1580-1588.	2.4	246
65	A re-examination of twitching motility in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 1999, 145, 2863-2873.	0.7	231
66	RNA processing in human mitochondria. <i>Cell Cycle</i> , 2011, 10, 2904-2916.	1.3	226
67	Genome-wide discovery of human splicing branchpoints. <i>Genome Research</i> , 2015, 25, 290-303.	2.4	222
68	Genome-Wide Identification of Long Noncoding RNAs in CD8+ T Cells. <i>Journal of Immunology</i> , 2009, 182, 7738-7748.	0.4	221
69	Long Noncoding RNAs in Cardiac Development and Pathophysiology. <i>Circulation Research</i> , 2012, 111, 1349-1362.	2.0	220
70	<i>Pseudomonas aeruginosa</i> Gene Products PilT and PilU Are Required for Cytotoxicity In Vitro and Virulence in a Mouse Model of Acute Pneumonia. <i>Infection and Immunity</i> , 1999, 67, 3625-3630.	1.0	219
71	Raising the estimate of functional human sequences: Figure 1.. <i>Genome Research</i> , 2007, 17, 1245-1253.	2.4	217
72	A new paradigm for developmental biology. <i>Journal of Experimental Biology</i> , 2007, 210, 1526-1547.	0.8	212

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73	The central role of RNA in human development and cognition. <i>FEBS Letters</i> , 2011, 585, 1600-1616.	1.3	212
74	Characterization of a complex chemosensory signal transduction system which controls twitching motility in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2004, 52, 873-893.	1.2	208
75	A global view of genomic information “ moving beyond the gene and the master regulator. <i>Trends in Genetics</i> , 2010, 26, 21-28.	2.9	208
76	A transcriptional sketch of a primary human breast cancer by 454 deep sequencing. <i>BMC Genomics</i> , 2009, 10, 163.	1.2	205
77	Complex architecture and regulated expression of the <i>Sox2ot</i> locus during vertebrate development. <i>Rna</i> , 2009, 15, 2013-2027.	1.6	200
78	ISIS, the intron information system, reveals the high frequency of alternative splicing in the human genome. <i>Nature Genetics</i> , 2000, 24, 340-341.	9.4	197
79	PilS and PilR, a two-component transcriptional regulatory system controlling expression of type 4 fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1993, 7, 669-682.	1.2	196
80	RNAs as extracellular signaling molecules. <i>Journal of Molecular Endocrinology</i> , 2008, 40, 151-159.	1.1	195
81	MicroRNAs in β -Cell Biology, Insulin Resistance, Diabetes and Its Complications. <i>Diabetes</i> , 2011, 60, 1825-1831.	0.3	195
82	Expression of distinct RNAs from 3' untranslated regions. <i>Nucleic Acids Research</i> , 2011, 39, 2393-2403.	6.5	185
83	Dynamic isomiR regulation in <i>Drosophila</i> development. <i>Rna</i> , 2010, 16, 1881-1888.	1.6	184
84	Triplexator: Detecting nucleic acid triple helices in genomic and transcriptomic data. <i>Genome Research</i> , 2012, 22, 1372-1381.	2.4	181
85	The Dimensions, Dynamics, and Relevance of the Mammalian Noncoding Transcriptome. <i>Trends in Genetics</i> , 2017, 33, 464-478.	2.9	181
86	Differential Regulation of Twitching Motility and Elastase Production by Vfr in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2002, 184, 3605-3613.	1.0	175
87	Genomics: The amazing complexity of the human transcriptome. <i>European Journal of Human Genetics</i> , 2005, 13, 894-897.	1.4	171
88	Targeted sequencing for gene discovery and quantification using RNA CaptureSeq. <i>Nature Protocols</i> , 2014, 9, 989-1009.	5.5	171
89	FimX, a Multidomain Protein Connecting Environmental Signals to Twitching Motility in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 7068-7076.	1.0	168
90	Potential in vivo roles of nucleic acid triple-helices. <i>RNA Biology</i> , 2011, 8, 427-439.	1.5	166

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91	Genes involved in the biogenesis and function of type-4 fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1997, 192, 89-98.	1.0	159
92	MicroRNA regulation of neural plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 89-94.	1.0	158
93	Quantitative gene profiling of long noncoding RNAs with targeted RNA sequencing. <i>Nature Methods</i> , 2015, 12, 339-342.	9.0	155
94	Identification of a gene, <i>pilV</i> , required for type 4 fimbrial biogenesis in <i>Pseudomonas aeruginosa</i> , whose product possesses a pre-pilin-like leader sequence. <i>Molecular Microbiology</i> , 1995, 16, 485-496.	1.2	152
95	The molecular genetics of type-4 fimbriae in <i>Pseudomonas aeruginosa</i> - a review. <i>Gene</i> , 1996, 179, 147-155.	1.0	152
96	Characterization of a gene, <i>pilU</i> , required for twitching motility but not phage sensitivity in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1994, 13, 1079-1091.	1.2	149
97	RNAdb 2.0—an expanded database of mammalian non-coding RNAs. <i>Nucleic Acids Research</i> , 2007, 35, D178-D182.	6.5	149
98	Clusters of Internally Primed Transcripts Reveal Novel Long Noncoding RNAs. <i>PLoS Genetics</i> , 2006, 2, e37.	1.5	148
99	Nuclear-localized tiny RNAs are associated with transcription initiation and splice sites in metazoans. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1030-1034.	3.6	146
100	The alginate regulator <i>AlgR</i> and an associated sensor <i>FimS</i> are required for twitching motility in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9839-9843.	3.3	145
101	Non-coding RNAs in the nervous system. <i>Journal of Physiology</i> , 2006, 575, 333-341.	1.3	144
102	RNA editing, DNA recoding and the evolution of human cognition. <i>Trends in Neurosciences</i> , 2008, 31, 227-233.	4.2	144
103	Widespread purifying selection on RNA structure in mammals. <i>Nucleic Acids Research</i> , 2013, 41, 8220-8236.	6.5	144
104	Quantitative profiling of pseudouridylation dynamics in native RNAs with nanopore sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1278-1291.	9.4	144
105	The Functional Characterization of Long Noncoding RNA <i>SPRY4-IT1</i> in Human Melanoma Cells. <i>Oncotarget</i> , 2014, 5, 8959-8969.	0.8	142
106	Proteome analysis of extracellular proteins regulated by the <i>las</i> and <i>rhl</i> quorum sensing systems in <i>Pseudomonas aeruginosa</i> PAO1. <i>Microbiology (United Kingdom)</i> , 2003, 149, 1311-1322.	0.7	141
107	Pervasive transcription of the eukaryotic genome: functional indices and conceptual implications. <i>Briefings in Functional Genomics & Proteomics</i> , 2009, 8, 407-423.	3.8	140
108	Fimbrial biogenesis genes of <i>Pseudomonas aeruginosa</i> : <i>pilW</i> and <i>pilX</i> increase the similarity of type 4 fimbriae to the GSP protein-secretion systems and <i>pilY1</i> encodes a gonococcal <i>PilC</i> homologue. <i>Molecular Microbiology</i> , 1996, 22, 161-173.	1.2	136

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109	Characterization of pilQ, a new gene required for the biogenesis of type 4 fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1993, 9, 857-868.	1.2	135
110	A meta-analysis of the genomic and transcriptomic composition of complex life. <i>Cell Cycle</i> , 2013, 12, 2061-2072.	1.3	134
111	Identification of a novel gene, pilZ, essential for type 4 fimbrial biogenesis in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1996, 178, 46-53.	1.0	131
112	Identification of vaccine candidate antigens from a genomic analysis of <i>Porphyromonas gingivalis</i> . <i>Vaccine</i> , 2001, 19, 4135-4142.	1.7	127
113	RNAdb--a comprehensive mammalian noncoding RNA database. <i>Nucleic Acids Research</i> , 2004, 33, D125-D130.	6.5	127
114	Cross-mapping and the identification of editing sites in mature microRNAs in high-throughput sequencing libraries. <i>Genome Research</i> , 2010, 20, 257-264.	2.4	126
115	Spliced synthetic genes as internal controls in RNA sequencing experiments. <i>Nature Methods</i> , 2016, 13, 792-798.	9.0	123
116	The Hidden Genetic Program of Complex Organisms. <i>Scientific American</i> , 2004, 291, 60-67.	1.0	122
117	MicroRNAs Regulate Tumor Angiogenesis Modulated by Endothelial Progenitor Cells. <i>Cancer Research</i> , 2013, 73, 341-352.	0.4	122
118	Quorum Sensing Is Not Required for Twitching Motility in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2002, 184, 3598-3604.	1.0	121
119	Discrimination of Non-Protein-Coding Transcripts from Protein-Coding mRNA. <i>RNA Biology</i> , 2006, 3, 40-48.	1.5	118
120	Morphogenetic expression of <i>Bacteroides nodosus</i> fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1987, 169, 33-41.	1.0	117
121	Noncoding RNAs in Long-Term Memory Formation. <i>Neuroscientist</i> , 2008, 14, 434-445.	2.6	116
122	Long Noncoding RNA-Directed Epigenetic Regulation of Gene Expression Is Associated With Anxiety-like Behavior in Mice. <i>Biological Psychiatry</i> , 2015, 78, 848-859.	0.7	114
123	Serotype-specific glycoprotein of simian 11 rotavirus: coding assignment and gene sequence.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983, 80, 3091-3095.	3.3	113
124	Ultraconserved elements in insect genomes: A highly conserved intronic sequence implicated in the control of homothorax mRNA splicing. <i>Genome Research</i> , 2005, 15, 800-808.	2.4	112
125	DNase I-sensitive exons colocalize with promoters and distal regulatory elements. <i>Nature Genetics</i> , 2013, 45, 852-859.	9.4	112
126	Non-coding RNAs in homeostasis, disease and stress responses: an evolutionary perspective. <i>Briefings in Functional Genomics</i> , 2013, 12, 254-278.	1.3	111

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127	Differential intron retention in <i>Jumonji</i> chromatin modifier genes is implicated in reptile temperature-dependent sex determination. <i>Science Advances</i> , 2017, 3, e1700731.	4.7	111
128	Universal Alternative Splicing of Noncoding Exons. <i>Cell Systems</i> , 2018, 6, 245-255.e5.	2.9	110
129	The Ras Target AF-6 is a Substrate of the Fam Deubiquitinating Enzyme. <i>Journal of Cell Biology</i> , 1998, 142, 1053-1062.	2.3	109
130	Characterization of a five-cluster required for the biogenesis of type 4 fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1995, 16, 497-508.	1.2	108
131	An RNA recognition motif in Wilms' tumour protein (WT1) revealed by structural modelling. <i>Nature Genetics</i> , 1996, 12, 329-332.	9.4	106
132	Large-Scale Appearance of Ultraconserved Elements in Tetrapod Genomes and Slowdown of the Molecular Clock. <i>Molecular Biology and Evolution</i> , 2008, 25, 402-408.	3.5	103
133	An analysis of the organization and evolution of type 4 fimbrial (MePhe) subunit proteins. <i>Journal of Molecular Evolution</i> , 1987, 25, 261-269.	0.8	102
134	Prediction of protein solvent accessibility using support vector machines. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 48, 566-570.	1.5	102
135	Transposon-free regions in mammalian genomes. <i>Genome Research</i> , 2005, 16, 164-172.	2.4	102
136	Effects of a Novel Long Noncoding RNA, IncUSMycN, on N-Myc Expression and Neuroblastoma Progression. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	3.0	98
137	Nucleosomes are preferentially positioned at exons in somatic and sperm cells. <i>Cell Cycle</i> , 2009, 8, 3420-3424.	1.3	95
138	The long non-coding RNA NEAT1 is responsive to neuronal activity and is associated with hyperexcitability states. <i>Scientific Reports</i> , 2017, 7, 40127.	1.6	92
139	Cloning and expression analysis of a novel mouse gene with sequence similarity to the <i>Drosophila</i> fat facets gene. <i>Mechanisms of Development</i> , 1997, 63, 29-38.	1.7	90
140	Evolution, biogenesis and function of promoter-associated RNAs. <i>Cell Cycle</i> , 2009, 8, 2332-2338.	1.3	89
141	Identification of two genes with prepilin-like leader sequences involved in type 4 fimbrial biogenesis in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1996, 178, 3809-3817.	1.0	88
142	SVMtm: Support vector machines to predict transmembrane segments. <i>Journal of Computational Chemistry</i> , 2004, 25, 632-636.	1.5	87
143	<i>Pseudomonas aeruginosa</i> fimL regulates multiple virulence functions by intersecting with Vfr-modulated pathways. <i>Molecular Microbiology</i> , 2005, 55, 1357-1378.	1.2	85
144	MicroRNAs in the shoot apical meristem of soybean. <i>Journal of Experimental Botany</i> , 2011, 62, 2495-2506.	2.4	80

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145	MATHEMATICS/COMPUTATION: Accelerating Networks. <i>Science</i> , 2005, 307, 856-858.	6.0	79
146	Enhancers active in dopamine neurons are a primary link between genetic variation and neuropsychiatric disease. <i>Nature Neuroscience</i> , 2018, 21, 1482-1492.	7.1	79
147	Phosphorylation of the <i>Pseudomonas aeruginosa</i> Response Regulator AlgR Is Essential for Type IV Fimbria-Mediated Twitching Motility. <i>Journal of Bacteriology</i> , 2002, 184, 4544-4554.	1.0	77
148	Understanding the regulatory and transcriptional complexity of the genome through structure. <i>Genome Research</i> , 2013, 23, 1081-1088.	2.4	77
149	Regulated post-transcriptional RNA cleavage diversifies the eukaryotic transcriptome. <i>Genome Research</i> , 2010, 20, 1639-1650.	2.4	76
150	Global analysis of the mammalian RNA degradome reveals widespread miRNA-dependent and miRNA-independent endonucleolytic cleavage. <i>Nucleic Acids Research</i> , 2011, 39, 5658-5668.	6.5	76
151	Deconstructing the Dogma. <i>Annals of the New York Academy of Sciences</i> , 2009, 1178, 29-46.	1.8	75
152	The evolution of RNAs with multiple functions. <i>Biochimie</i> , 2011, 93, 2013-2018.	1.3	75
153	The dark matter rises: the expanding world of regulatory RNAs. <i>Essays in Biochemistry</i> , 2013, 54, 1-16.	2.1	73
154	Construction of improved vectors for protein production in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1996, 172, 163-164.	1.0	72
155	Characterization of G3BPs: Tissue specific expression, chromosomal localisation and rasGAP120 binding studies. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 173-187.	1.2	70
156	PinStripe: a suite of programs for integrating transcriptomic and proteomic datasets identifies novel proteins and improves differentiation of protein-coding and non-coding genes. <i>Bioinformatics</i> , 2012, 28, 3042-3050.	1.8	70
157	MicroRNAs-140-5p/140-3p Modulate Leydig Cell Numbers in the Developing Mouse Testis. <i>Biology of Reproduction</i> , 2013, 88, 143-143.	1.2	68
158	The State of Long Non-Coding RNA Biology. <i>Non-coding RNA</i> , 2018, 4, 17.	1.3	67
159	Cloning and expression in <i>Escherichia coli</i> of the gene encoding the structural subunit of <i>Bacteroides nodosus</i> fimbriae. <i>Journal of Bacteriology</i> , 1984, 160, 748-754.	1.0	67
160	Morphogenetic expression of <i>Moraxella bovis</i> fimbriae (pili) in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1990, 172, 2601-2607.	1.0	65
161	Long noncoding RNAs in cell and developmental biology. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 327.	2.3	65
162	RNA as the substrate for epigenome-environment interactions. <i>BioEssays</i> , 2010, 32, 548-552.	1.2	64

#	ARTICLE	IF	CITATIONS
163	Transcriptome-wide identification of A > I RNA editing sites by inosine specific cleavage. <i>Rna</i> , 2013, 19, 257-270.	1.6	62
164	Organization of the fimbrial gene region of <i>Bacteroides nodosus</i> : class I and class II strains. <i>Molecular Microbiology</i> , 1991, 5, 543-560.	1.2	61
165	FAM deubiquitylating enzyme is essential for preimplantation mouse embryo development. <i>Mechanisms of Development</i> , 2001, 109, 151-160.	1.7	61
166	Identification of a novel gene, <i>fimV</i> , involved in twitching motility in <i>Pseudomonas aeruginosa</i> The GenBank accession number for the sequence determined in this work is U93274.. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2351-2364.	0.7	59
167	An interactive web-based <i>Pseudomonas aeruginosa</i> genome database: discovery of new genes, pathways and structures. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2351-2364.	0.7	59
168	Structural venomics reveals evolution of a complex venom by duplication and diversification of an ancient peptide-encoding gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11399-11408.	3.3	59
169	Gene sequences and comparison of the fimbrial subunits representative of <i>Bacteroides nodosus</i> serotypes A to I: class I and class II strains. <i>Molecular Microbiology</i> , 1991, 5, 561-573.	1.2	57
170	Integrative analyses of the RNA modification machinery reveal tissue- and cancer-specific signatures. <i>Genome Biology</i> , 2020, 21, 97.	3.8	57
171	Functional expression of heterologous type 4 fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1996, 175, 143-150.	1.0	56
172	Adar3 Is Involved in Learning and Memory in Mice. <i>Frontiers in Neuroscience</i> , 2018, 12, 243.	1.4	54
173	Q pili enhance the attachment of <i>Moraxella bovis</i> to bovine corneas in vitro. <i>Molecular Microbiology</i> , 1993, 7, 285-288.	1.2	50
174	Identification and Analysis of Chromodomain-Containing Proteins Encoded in the Mouse Transcriptome. <i>Genome Research</i> , 2003, 13, 1416-1429.	2.4	50
175	<i>tonB3</i> Is Required for Normal Twitching Motility and Extracellular Assembly of Type IV Pili. <i>Journal of Bacteriology</i> , 2004, 186, 4387-4389.	1.0	49
176	Charting the unknown epitranscriptome. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 339-340.	16.1	49
177	Whole genome sequencing provides better diagnostic yield and future value than whole exome sequencing. <i>Medical Journal of Australia</i> , 2018, 209, 197-199.	0.8	48
178	Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine. <i>Veterinary Microbiology</i> , 1987, 14, 393-409.	0.8	47
179	Identification of novel non-coding RNAs using profiles of short sequence reads from next generation sequencing data. <i>BMC Genomics</i> , 2010, 11, 77.	1.2	46
180	Branched-chain amino acid supplementation: impact on signaling and relevance to critical illness. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 449-460.	6.6	46

#	ARTICLE	IF	CITATIONS
181	Intergenic disease-associated regions are abundant in novel transcripts. <i>Genome Biology</i> , 2017, 18, 241.	3.8	45
182	The Isolation and Characterization of Fatty-Acid-Synthetase mRNA from Rat Mammary Gland. <i>FEBS Journal</i> , 1981, 114, 643-651.	0.2	44
183	The role of regulatory RNA in cognitive evolution. <i>Trends in Cognitive Sciences</i> , 2012, 16, 497-503.	4.0	44
184	Title is missing!. <i>Genome Biology</i> , 2003, 5, P1.	13.9	43
185	Isolation and characterization of <i>Bacteroides nodosus</i> fimbriae: structural subunit and basal protein antigens. <i>Journal of Bacteriology</i> , 1984, 160, 740-747.	1.0	40
186	Effects of substitution of aspartate-440 and tryptophan-487 in the thiamin diphosphate binding region of pyruvate decarboxylase from <i>Zymomonas mobilis</i> . <i>FEBS Letters</i> , 1992, 296, 95-98.	1.3	39
187	Identification of a gene, pilF, required for type 4 fimbrial biogenesis and twitching motility in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1996, 180, 49-56.	1.0	39
188	Response from Mattick and Alm: common architecture of type 4 fimbriae and complexes involved in macromolecular traffic. <i>Trends in Microbiology</i> , 1995, 3, 411-413.	3.5	38
189	The relationship between transcription initiation RNAs and CCCTC-binding factor (CTCF) localization. <i>Epigenetics and Chromatin</i> , 2011, 4, 13.	1.8	38
190	Shared antigenicity and immunogenicity of type 4 pilins expressed by <i>Pseudomonas aeruginosa</i> , <i>Moraxella bovis</i> , <i>Neisseria gonorrhoea</i> , <i>Dichelobacter nodosus</i> , and <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1991, 59, 4674-4676.	1.0	38
191	UNCL, the mammalian homologue of UNC-50, is an inner nuclear membrane RNA-binding protein11Published on the World Wide Web on 10 August 2000.. <i>Brain Research</i> , 2000, 877, 110-123.	1.1	37
192	Representing genetic variation with synthetic DNA standards. <i>Nature Methods</i> , 2016, 13, 784-791.	9.0	37
193	<i>Escherichia coli</i> contains a set of genes homologous to those involved in protein secretion, DNA uptake and the assembly of type-4 fimbriae in other bacteria. <i>Gene</i> , 1994, 150, 9-15.	1.0	36
194	Accelerating, hyperaccelerating, and decelerating networks. <i>Physical Review E</i> , 2005, 72, 016123.	0.8	36
195	A variant of the KLK4 gene is expressed as a cis sense-antisense chimeric transcript in prostate cancer cells. <i>Rna</i> , 2010, 16, 1156-1166.	1.6	36
196	Mapping of Mitochondrial RNA-Protein Interactions by Digital RNase Footprinting. <i>Cell Reports</i> , 2013, 5, 839-848.	2.9	36
197	Rocking the foundations of molecular genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16400-16401.	3.3	35
198	Orthologous MicroRNA Genes Are Located in Cancer-Associated Genomic Regions in Human and Mouse. <i>PLoS ONE</i> , 2007, 2, e1133.	1.1	34

#	ARTICLE	IF	CITATIONS
199	The Long Noncoding RNA SPRIGHTLY Regulates Cell Proliferation in Primary Human Melanocytes. <i>Journal of Investigative Dermatology</i> , 2016, 136, 819-828.	0.3	34
200	Saccharopolyspora erythraea's genome is organised in high-order transcriptional regions mediated by targeted degradation at the metabolic switch. <i>BMC Genomics</i> , 2013, 14, 15.	1.2	33
201	Improved definition of the mouse transcriptome via targeted RNA sequencing. <i>Genome Research</i> , 2016, 26, 705-716.	2.4	33
202	Linc-ing Long Noncoding RNAs and Enhancer Function. <i>Developmental Cell</i> , 2010, 19, 485-486.	3.1	31
203	The impact of genomics on the future of medicine and health. <i>Medical Journal of Australia</i> , 2014, 201, 17-20.	0.8	30
204	Triplex-Inspector: an analysis tool for triplex-mediated targeting of genomic loci. <i>Bioinformatics</i> , 2013, 29, 1895-1897.	1.8	29
205	Maintenance of transposon-free regions throughout vertebrate evolution. <i>BMC Genomics</i> , 2007, 8, 470.	1.2	28
206	Protein-coding and non-coding gene expression analysis in differentiating human keratinocytes using a three-dimensional epidermal equivalent. <i>Molecular Genetics and Genomics</i> , 2010, 284, 1-9.	1.0	28
207	The extent of functionality in the human genome. <i>The HUGO Journal</i> , 2013, 7, .	4.1	28
208	Targeted, High-Resolution RNA Sequencing of Non-coding Genomic Regions Associated With Neuropsychiatric Functions. <i>Frontiers in Genetics</i> , 2019, 10, 309.	1.1	28
209	The potential of long noncoding RNA therapies. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 269-280.	4.0	28
210	Co-localization of FAM and AF-6, the mammalian homologues of <i>Drosophila</i> faf and canoe, in mouse eye development. <i>Mechanisms of Development</i> , 2000, 91, 383-386.	1.7	27
211	Refining transcriptional programs in kidney development by integration of deep RNA-sequencing and array-based spatial profiling. <i>BMC Genomics</i> , 2011, 12, 441.	1.2	27
212	Comparative studies of the effects of acridines and other petite inducing drugs on the mitochondrial genome of <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1977, 152, 267-276.	2.4	26
213	Variation in the structural subunit and basal protein antigens of <i>Bacteroides nodosus</i> fimbriae. <i>Journal of Bacteriology</i> , 1986, 166, 453-460.	1.0	26
214	Construction of a gentamicin resistance gene probe for epidemiological studies. <i>Antimicrobial Agents and Chemotherapy</i> , 1985, 28, 96-102.	1.4	25
215	Biogenesis of mitochondria. <i>Molecular Genetics and Genomics</i> , 1975, 141, 291-304.	2.4	24
216	The first disulphide loop of the rabbit growth hormone receptor is required for binding to the hormone. <i>Journal of Molecular Endocrinology</i> , 1992, 9, 213-220.	1.1	24

#	ARTICLE	IF	CITATIONS
217	Isolation and characterization of a new nucleolar protein, Nrap, that is conserved from yeast to humans. <i>Genes To Cells</i> , 2002, 7, 115-132.	0.5	24
218	The <i>Evx1/Evx1as</i> gene locus regulates anterior-posterior patterning during gastrulation. <i>Scientific Reports</i> , 2016, 6, 26657.	1.6	24
219	Initiating an undiagnosed diseases program in the Western Australian public health system. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 83.	1.2	24
220	Molecular Evolution of the HBII-52 snoRNA Cluster. <i>Journal of Molecular Biology</i> , 2008, 381, 810-815.	2.0	23
221	Structural and Functional Annotation of Long Noncoding RNAs. <i>Methods in Molecular Biology</i> , 2017, 1526, 65-85.	0.4	23
222	Nucleotide and predicted amino acid sequence of a cDNA clone encoding part of human transketolase. <i>Biochemical and Biophysical Research Communications</i> , 1992, 183, 1159-1166.	1.0	22
223	Molecular characterisation of Australian bovine enteroviruses. <i>Veterinary Microbiology</i> , 1999, 68, 71-81.	0.8	22
224	Is prokaryotic complexity limited by accelerated growth in regulatory overhead?. <i>Genome Biology</i> , 2003, 5, P2.	13.9	22
225	Effect of Site-Specific Mutations in Different Phosphotransfer Domains of the Chemosensory Protein ChpA on <i>Pseudomonas aeruginosa</i> Motility. <i>Journal of Bacteriology</i> , 2006, 188, 8479-8486.	1.0	22
226	Genome-wide methylated CpG island profiles of melanoma cells reveal a melanoma coregulation network. <i>Scientific Reports</i> , 2013, 3, 2962.	1.6	22
227	Prioritising the application of genomic medicine. <i>Npj Genomic Medicine</i> , 2017, 2, 35.	1.7	22
228	Expression and Function of the Protein Tyrosine Phosphatase Receptor J (PTPRJ) in Normal Mammary Epithelial Cells and Breast Tumors. <i>PLoS ONE</i> , 2012, 7, e40742.	1.1	22
229	The central role of RNA in the genetic programming of complex organisms. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 933-939.	0.3	21
230	Transcription of the fimbrial subunit gene and an associated transfer RNA gene of <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1988, 62, 219-227.	1.0	20
231	The human genome and the future of medicine. <i>Medical Journal of Australia</i> , 2003, 179, 212-216.	0.8	20
232	Improved Diagnosis and Care for Rare Diseases through Implementation of Precision Public Health Framework. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1031, 55-94.	0.8	20
233	Type 4 Fimbriae. , 2020, , 127-146.		20
234	Fimbriae of <i>Bacteroides nodosus</i> : protein engineering of the structural subunit for the production of an exogenous peptide. <i>Protein Engineering, Design and Selection</i> , 1989, 2, 365-369.	1.0	19

#	ARTICLE	IF	CITATIONS
235	Retinoic acid-dependent upregulation of mouse folate receptor- β expression in embryonic stem cells, and conservation of alternative splicing patterns. <i>Gene</i> , 1999, 230, 215-224.	1.0	19
236	Delineating Slowly and Rapidly Evolving Fractions of the <i>Drosophila</i> Genome. <i>Journal of Computational Biology</i> , 2008, 15, 407-430.	0.8	19
237	The Lethal Toxin from Australian Funnel-Web Spiders Is Encoded by an Intronless Gene. <i>PLoS ONE</i> , 2012, 7, e43699.	1.1	19
238	ADRAM is an experience-dependent long noncoding RNA that drives fear extinction through a direct interaction with the chaperone protein 14-3-3. <i>Cell Reports</i> , 2022, 38, 110546.	2.9	19
239	Nucleotide and amino acid sequence analysis of the thymidine kinase gene of a bovine encephalitis herpesvirus. <i>Archives of Virology</i> , 1991, 119, 199-210.	0.9	18
240	A Minimal Tiling Path Cosmid Library for Functional Analysis of the <i>Pseudomonas aeruginosa</i> PAO1 Genome. <i>Microbial & Comparative Genomics</i> , 2000, 5, 189-203.	0.6	18
241	Expression of Transposable Elements in Neural Tissues during <i>Xenopus</i> Development. <i>PLoS ONE</i> , 2011, 6, e22569.	1.1	18
242	Inherent size constraints on prokaryote gene networks due to 'accelerating' growth. <i>Theory in Biosciences</i> , 2005, 123, 381-411.	0.6	17
243	Has evolution learnt how to learn?. <i>EMBO Reports</i> , 2009, 10, 665-665.	2.0	17
244	Replicative Deoxyribonucleic Acid Synthesis in Isolated Mitochondria from <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 1977, 130, 973-982.	1.0	17
245	Evidence for a functional association of DNA synthesis with the membrane in mitochondria of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology Reports</i> , 1975, 2, 101-106.	1.0	16
246	A 'one tube reaction'™ for synthesis and amplification of total cDNA from small numbers of cells. <i>Nucleic Acids Research</i> , 1993, 21, 783-783.	6.5	16
247	Reactivation of a macropodid herpesvirus from the eastern grey kangaroo (<i>Macropus giganteus</i>) following corticosteroid treatment. <i>Veterinary Microbiology</i> , 1999, 68, 59-69.	0.8	16
248	Multiple Evolutionary Rate Classes in Animal Genome Evolution. <i>Molecular Biology and Evolution</i> , 2010, 27, 942-953.	3.5	15
249	Bioinformatics analysis of transcriptional regulation of circadian genes in rat liver. <i>BMC Bioinformatics</i> , 2014, 15, 83.	1.2	15
250	The characterisation of an esterase derived from <i>Babesia bovis</i> and its use as a vaccine. <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1983, 69, 703-714.	0.8	14
251	GONOME: measuring correlations between GO terms and genomic positions. <i>BMC Bioinformatics</i> , 2006, 7, 94.	1.2	14
252	Topology and Dynamics of Signaling Networks: In Search of Transcriptional Control of the Inflammatory Response. <i>Annual Review of Biomedical Engineering</i> , 2013, 15, 1-28.	5.7	14

#	ARTICLE	IF	CITATIONS
253	Development and trial of a bovine herpesvirus 1 - thymidine kinase deletion virus as a vaccine. Australian Veterinary Journal, 1994, 71, 65-70.	0.5	13
254	Evidence for Control of Splicing by Alternative RNA Secondary Structures in Dipteran Homothorax Pre-mRNA. RNA Biology, 2006, 3, 36-39.	1.5	13
255	Extragenic suppressor mutations that restore twitching motility to <i>fimL</i> mutants of <i>Pseudomonas aeruginosa</i> are associated with elevated intracellular cyclic AMP levels. MicrobiologyOpen, 2012, 1, 490-501.	1.2	13
256	Dynamics of Hepatic Gene Expression Profile in a Rat Cecal Ligation and Puncture Model. Journal of Surgical Research, 2012, 176, 583-600.	0.8	13
257	The promise of personalised medicine. Lancet, The, 2016, 387, 433-434.	6.3	13
258	DotAligner: identification and clustering of RNA structure motifs. Genome Biology, 2017, 18, 244.	3.8	13
259	Genetic Variations of Ultraconserved Elements in the Human Genome. OMICS A Journal of Integrative Biology, 2019, 23, 549-559.	1.0	13
260	Probing the phenomics of noncoding RNA. ELife, 2013, 2, e01968.	2.8	13
261	Mitochondrial DNA replication in petite mutants of yeast: Resistance to inhibition by ethidium bromide, berenil and euflavine. Molecular Genetics and Genomics, 1977, 152, 277-283.	2.4	12
262	Western blot (immunoblot) analysis of the fimbrial antigens of Bacteroides nodosus. Journal of Bacteriology, 1987, 169, 4018-4023.	1.0	12
263	Transpositional shuffling and quality control in male germ cells to enhance evolution of complex organisms. Annals of the New York Academy of Sciences, 2015, 1341, 156-163.	1.8	12
264	Impacts of genomics on the health and social costs of intellectual disability. Journal of Medical Genetics, 2020, 57, 479-486.	1.5	12
265	The location and nucleotide sequence of the thymidine kinase gene of bovine herpesvirus type 1.2. Journal of General Virology, 1990, 71, 2417-2424.	1.3	11
266	Expression of active yeast pyruvate decarboxylase in Escherichia coli. Journal of General Microbiology, 1991, 137, 2811-2815.	2.3	11
267	RNA driving the epigenetic bus. EMBO Journal, 2012, 31, 515-516.	3.5	11
268	CNS cell type-specific gene profiling of P301S tau transgenic mice identifies genes dysregulated by progressive tau accumulation. Journal of Biological Chemistry, 2019, 294, 14149-14162.	1.6	10
269	Identification of major antigenic proteins of bovine herpesvirus 1 and their correlation with virus neutralizing activity. Veterinary Microbiology, 1988, 16, 109-121.	0.8	9
270	Chromosomal location of the human transketolase gene. Cytogenetic and Genome Research, 1992, 61, 274-275.	0.6	9

#	ARTICLE	IF	CITATIONS
271	The double life of RNA. <i>Biochimie</i> , 2011, 93, viii-ix.	1.3	9
272	The Genomic Foundation Is Shifting. <i>Science</i> , 2011, 331, 874-874.	6.0	9
273	Subcellular relocalization and nuclear redistribution of the RNA methyltransferases TRMT1 and TRMT1L upon neuronal activation. <i>RNA Biology</i> , 2021, 18, 1905-1919.	1.5	9
274	Stoichiometry Based Steady-State Hepatic Flux Analysis: Computational and Experimental Aspects. <i>Metabolites</i> , 2012, 2, 268-291.	1.3	8
275	Splicing bypasses 5' end formation signals to allow complex gene architectures. <i>Gene</i> , 2007, 403, 188-193.	1.0	7
276	Long-term gene expression profile dynamics following cecal ligation and puncture in the rat. <i>Journal of Surgical Research</i> , 2012, 178, 431-442.	0.8	7
277	Widespread formation of double-stranded RNAs in testis. <i>Genome Research</i> , 2021, 31, 1174-1186.	2.4	6
278	High frequency of intron retention and clustered H3K4me3-marked nucleosomes in short first introns of human long non-coding RNAs. <i>Epigenetics and Chromatin</i> , 2021, 14, 45.	1.8	6
279	Molecular Biology of the Fimbriae of <i>Dichelobacter</i> (Previously <i>Bacteroides</i>) <i>nodosus</i> . <i>Brock/Springer Series in Contemporary Bioscience</i> , 1993, , 517-545.	0.3	6
280	Seq and You Will Find. <i>Current Gene Therapy</i> , 2016, 16, 220-229.	0.9	6
281	The action of structural analogues of ethidium bromide on the mitochondrial genome of yeast. <i>Molecular Biology Reports</i> , 1977, 3, 443-449.	1.0	5
282	Bovine herpesvirus 1: "an exotic disease agent?". <i>Australian Veterinary Journal</i> , 1993, 70, 272-273.	0.5	5
283	Stringent Programming of DNA Methylation in Humans. <i>Twin Research and Human Genetics</i> , 2010, 13, 405-411.	0.3	5
284	Homologous Mammalian Brain Cell Lysate System for the Initiation and Translation of Exogenous mRNAs. <i>Journal of Neurochemistry</i> , 1981, 37, 325-332.	2.1	4
285	Identification of conserved <i>Drosophila</i> -specific euchromatin-restricted non-coding sequence motifs. <i>Genomics</i> , 2010, 96, 154-166.	1.3	4
286	Macropodid herpesvirus 1 encodes genes for both thymidylate synthase and ICP34.5. <i>Virus Genes</i> , 2002, 24, 207-213.	0.7	3
287	Extracellular Vesicles from Neural Stem Cells Transfer IFN- γ via <i>lfngr1</i> to Activate <i>Stat1</i> Signaling in Target Cells. <i>Molecular Cell</i> , 2014, 56, 609.	4.5	3
288	The Non-Coding RNA Journal Club: Highlights on Recent Papers. <i>Non-coding RNA</i> , 2015, 1, 87-93.	1.3	3

#	ARTICLE	IF	CITATIONS
289	Sequencing and expression of the <i>aroA</i> gene from <i>Dichelobacter nodosus</i> . <i>Gene</i> , 1994, 145, 97-101.	1.0	2
290	RNA lights up. <i>Nature Biotechnology</i> , 2011, 29, 883-884.	9.4	2
291	Abstract 1598: LncRNA AK001796 as a therapeutic target in aggressive breast cancers. <i>Cancer Research</i> , 2016, 76, 1598-1598.	0.4	2
292	Extracellular vesicles from neural stem cells transfer the IFN- β /IFNGR1 complex to activate Stat1-dependent signalling in target cells. <i>Journal of Neuroimmunology</i> , 2014, 275, 190-191.	1.1	1
293	Genome research. <i>Nature</i> , 1990, 346, 604-604.	13.7	0
294	There's more to a model than code. , 2005, , .		0
295	A NEW UNDERSTANDING OF THE HUMAN GENOME. , 2008, , .		0
296	In grateful recognition of our Editorial Board. <i>BioEssays</i> , 2012, 34, 1004-1005.	1.2	0
297	Response to A. M. Poole: Is all that junk really regulatory RNA?. <i>Nature Reviews Genetics</i> , 2004, 5, 324-324.	7.7	0
298	Abstract A039: The role of long noncoding RNAs in epithelial to mesenchymal transition and cancer stem cells. , 2013, , .		0
299	The Future of Molecular Pathology. , 2016, , 349-357.		0
300	Abstract A09: The long noncoding RNA SPRIGHTLY regulates cell proliferation in primary human melanocytes. , 2016, , .		0
301	Abstract 2453: Eradication of neuroblastoma by suppressing the expression of a single noncoding RNA. , 2018, , .		0
302	Cost effective, experimentally robust differential-expression analysis for human/mammalian, pathogen and dual-species transcriptomics. <i>Microbial Genomics</i> , 2020, 6, .	1.0	0