

John S Mattick

List of Publications by Year in descending order

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302
papers

71,579
citations

952

115
h-index

632

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.	27.8	5,653
2	Long non-coding RNAs: insights into functions. <i>Nature Reviews Genetics</i> , 2009, 10, 155-159.	16.3	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.	27.8	4,709
4	The Transcriptional Landscape of the Mammalian Genome. <i>Science</i> , 2005, 309, 1559-1563.	12.6	3,227
5	â€˜Touchdownâ€™ PCR to circumvent spurious priming during gene amplification. <i>Nucleic Acids Research</i> , 1991, 19, 4008-4008.	14.5	2,342
6	Non-coding RNA. <i>Human Molecular Genetics</i> , 2006, 15, R17-R29.	2.9	2,052
7	Extracellular DNA Required for Bacterial Biofilm Formation. <i>Science</i> , 2002, 295, 1487-1487.	12.6	1,754
8	Antisense Transcription in the Mammalian Transcriptome. <i>Science</i> , 2005, 309, 1564-1566.	12.6	1,553
9	Ultraconserved Elements in the Human Genome. <i>Science</i> , 2004, 304, 1321-1325.	12.6	1,496
10	Structure and function of long noncoding RNAs in epigenetic regulation. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 300-307.	8.2	1,325
11	The rise of regulatory RNA. <i>Nature Reviews Genetics</i> , 2014, 15, 423-437.	16.3	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.	7.1	1,081
13	Type IV Pili and Twitching Motility. <i>Annual Review of Microbiology</i> , 2002, 56, 289-314.	7.3	1,059
14	Non-coding RNAs: regulators of disease. <i>Journal of Pathology</i> , 2010, 220, 126-139.	4.5	906
15	Non-coding RNAs: the architects of eukaryotic complexity. <i>EMBO Reports</i> , 2001, 2, 986-991.	4.5	728
16	The Human Mitochondrial Transcriptome. <i>Cell</i> , 2011, 146, 645-658.	28.9	716
17	Long noncoding RNAs in mouse embryonic stem cell pluripotency and differentiation. <i>Genome Research</i> , 2008, 18, 1433-1445.	5.5	698
18	Long noncoding RNAs and the genetics of cancer. <i>British Journal of Cancer</i> , 2013, 108, 2419-2425.	6.4	676

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19	RNA regulation: a new genetics?. <i>Nature Reviews Genetics</i> , 2004, 5, 316-323.	16.3	647
20	The Genetic Signatures of Noncoding RNAs. <i>PLoS Genetics</i> , 2009, 5, e1000459.	3.5	639
21	Somatic retrotransposition alters the genetic landscape of the human brain. <i>Nature</i> , 2011, 479, 534-537.	27.8	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.	6.7	581
23	Discovery and annotation of long noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 5-7.	8.2	581
24	The Eukaryotic Genome as an RNA Machine. <i>Science</i> , 2008, 319, 1787-1789.	12.6	579
25	The relationship between non-protein-coding DNA and eukaryotic complexity. <i>BioEssays</i> , 2007, 29, 288-299.	2.5	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.	5.5	570
27	RNA Duplex Map in Living Cells Reveals Higher-Order Transcriptome Structure. <i>Cell</i> , 2016, 165, 1267-1279.	28.9	520
28	lncRNADB: a reference database for long noncoding RNAs. <i>Nucleic Acids Research</i> , 2011, 39, D146-D151.	14.5	508
29	Differentiating Protein-Coding and Noncoding RNA: Challenges and Ambiguities. <i>PLoS Computational Biology</i> , 2008, 4, e1000176.	3.2	493
30	Challenging the dogma: the hidden layer of non-protein-coding RNAs in complex organisms. <i>BioEssays</i> , 2003, 25, 930-939.	2.5	492
31	Touchdown PCR for increased specificity and sensitivity in PCR amplification. <i>Nature Protocols</i> , 2008, 3, 1452-1456.	12.0	480
32	Genome-wide analysis of long noncoding RNA stability. <i>Genome Research</i> , 2012, 22, 885-898.	5.5	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.	5.5	461
34	Small regulatory RNAs in mammals. <i>Human Molecular Genetics</i> , 2005, 14, R121-R132.	2.9	444
35	Targeted RNA sequencing reveals the deep complexity of the human transcriptome. <i>Nature Biotechnology</i> , 2012, 30, 99-104.	17.5	437
36	The Melanoma-Upregulated Long Noncoding RNA <i>SPRY4-IT1</i> Modulates Apoptosis and Invasion. <i>Cancer Research</i> , 2011, 71, 3852-3862.	0.9	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.	8.9	429
38	Long non-coding RNAs in nervous system function and disease. <i>Brain Research</i> , 2010, 1338, 20-35.	2.2	427
39	The RNA modification landscape in human disease. <i>Rna</i> , 2017, 23, 1754-1769.	3.5	427
40	Noncoding RNA in development. <i>Mammalian Genome</i> , 2008, 19, 454-492.	2.2	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.	21.4	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.	3.4	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.	2.9	393
44	Small RNAs derived from snoRNAs. <i>Rna</i> , 2009, 15, 1233-1240.	3.5	384
45	Long noncoding RNAs in neuronal-glia fate specification and oligodendrocyte lineage maturation. <i>BMC Neuroscience</i> , 2010, 11, 14.	1.9	381
46	The Reality of Pervasive Transcription. <i>PLoS Biology</i> , 2011, 9, e1000625.	5.6	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.	7.1	376
48	Common components in the assembly of type 4 fimbriae, DNA transfer systems, filamentous phage and proteinâ€šsecretion apparatus: a general system for the formation of surfaceâ€šassociated protein complexes. <i>Molecular Microbiology</i> , 1993, 10, 233-243.	2.5	369
49	Mechanisms of Long Non-coding RNAs in Mammalian Nervous System Development, Plasticity, Disease, and Evolution. <i>Neuron</i> , 2015, 88, 861-877.	8.1	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.	7.9	356
51	RNA regulation of epigenetic processes. <i>BioEssays</i> , 2009, 31, 51-59.	2.5	333
52	Tiny RNAs associated with transcription start sites in animals. <i>Nature Genetics</i> , 2009, 41, 572-578.	21.4	327
53	Accurate detection of m6A RNA modifications in native RNA sequences. <i>Nature Communications</i> , 2019, 10, 4079.	12.8	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.	3.5	321

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55	Long noncoding RNAs in cell biology. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 366-376.	5.0	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.	2.2	286
57	The Functional Genomics of Noncoding RNA. <i>Science</i> , 2005, 309, 1527-1528.	12.6	281
58	Introns: evolution and function. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 823-831.	3.3	278
59	Noncoding RNAs and RNA Editing in Brain Development, Functional Diversification, and Neurological Disease. <i>Physiological Reviews</i> , 2007, 87, 799-823.	28.8	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.	7.1	274
61	Extracellular Vesicles from Neural Stem Cells Transfer IFN- β via <i>Ifngr1</i> to Activate <i>Stat1</i> Signaling in Target Cells. <i>Molecular Cell</i> , 2014, 56, 193-204.	9.7	258
62	NRED: a database of long noncoding RNA expression. <i>Nucleic Acids Research</i> , 2009, 37, D122-D126.	14.5	252
63	Long noncoding RNAs are generated from the mitochondrial genome and regulated by nuclear-encoded proteins. <i>Rna</i> , 2011, 17, 2085-2093.	3.5	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.	5.5	246
65	A re-examination of twitching motility in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 1999, 145, 2863-2873.	1.8	231
66	RNA processing in human mitochondria. <i>Cell Cycle</i> , 2011, 10, 2904-2916.	2.6	226
67	Genome-wide discovery of human splicing branchpoints. <i>Genome Research</i> , 2015, 25, 290-303.	5.5	222
68	Genome-Wide Identification of Long Noncoding RNAs in CD8+ T Cells. <i>Journal of Immunology</i> , 2009, 182, 7738-7748.	0.8	221
69	Long Noncoding RNAs in Cardiac Development and Pathophysiology. <i>Circulation Research</i> , 2012, 111, 1349-1362.	4.5	220
70	<i>Pseudomonas aeruginosa</i> Gene Products <i>PilT</i> and <i>PilU</i> Are Required for Cytotoxicity In Vitro and Virulence in a Mouse Model of Acute Pneumonia. <i>Infection and Immunity</i> , 1999, 67, 3625-3630.	2.2	219
71	Raising the estimate of functional human sequences: Figure 1.. <i>Genome Research</i> , 2007, 17, 1245-1253.	5.5	217
72	A new paradigm for developmental biology. <i>Journal of Experimental Biology</i> , 2007, 210, 1526-1547.	1.7	212

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73	The central role of RNA in human development and cognition. <i>FEBS Letters</i> , 2011, 585, 1600-1616.	2.8	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.	2.5	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.	6.7	208
76	A transcriptional sketch of a primary human breast cancer by 454 deep sequencing. <i>BMC Genomics</i> , 2009, 10, 163.	2.8	205
77	Complex architecture and regulated expression of the <i>Sox2ot</i> locus during vertebrate development. <i>Rna</i> , 2009, 15, 2013-2027.	3.5	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.	21.4	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.	2.5	196
80	RNAs as extracellular signaling molecules. <i>Journal of Molecular Endocrinology</i> , 2008, 40, 151-159.	2.5	195
81	MicroRNAs in β -Cell Biology, Insulin Resistance, Diabetes and Its Complications. <i>Diabetes</i> , 2011, 60, 1825-1831.	0.6	195
82	Expression of distinct RNAs from 3' untranslated regions. <i>Nucleic Acids Research</i> , 2011, 39, 2393-2403.	14.5	185
83	Dynamic isomiR regulation in <i>Drosophila</i> development. <i>Rna</i> , 2010, 16, 1881-1888.	3.5	184
84	Triplexator: Detecting nucleic acid triple helices in genomic and transcriptomic data. <i>Genome Research</i> , 2012, 22, 1372-1381.	5.5	181
85	The Dimensions, Dynamics, and Relevance of the Mammalian Noncoding Transcriptome. <i>Trends in Genetics</i> , 2017, 33, 464-478.	6.7	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.	2.2	175
87	Genomics: The amazing complexity of the human transcriptome. <i>European Journal of Human Genetics</i> , 2005, 13, 894-897.	2.8	171
88	Targeted sequencing for gene discovery and quantification using RNA CaptureSeq. <i>Nature Protocols</i> , 2014, 9, 989-1009.	12.0	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.	2.2	168
90	Potential in vivo roles of nucleic acid triple-helices. <i>RNA Biology</i> , 2011, 8, 427-439.	3.1	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.	2.2	159
92	MicroRNA regulation of neural plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 89-94.	1.9	158
93	Quantitative gene profiling of long noncoding RNAs with targeted RNA sequencing. <i>Nature Methods</i> , 2015, 12, 339-342.	19.0	155
94	Identification of a gene, pilV, 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.	2.5	152
95	The molecular genetics of type-4 fimbriae in <i>Pseudomonas aeruginosa</i> - a review. <i>Gene</i> , 1996, 179, 147-155.	2.2	152
96	Characterization of a gene, pilU, required for twitching motility but not phage sensitivity in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1994, 13, 1079-1091.	2.5	149
97	RNAdb 2.0—an expanded database of mammalian non-coding RNAs. <i>Nucleic Acids Research</i> , 2007, 35, D178-D182.	14.5	149
98	Clusters of Internally Primed Transcripts Reveal Novel Long Noncoding RNAs. <i>PLoS Genetics</i> , 2006, 2, e37.	3.5	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.	8.2	146
100	The alginate regulator AlgR and an associated sensor FimS 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.	7.1	145
101	Non-coding RNAs in the nervous system. <i>Journal of Physiology</i> , 2006, 575, 333-341.	2.9	144
102	RNA editing, DNA recoding and the evolution of human cognition. <i>Trends in Neurosciences</i> , 2008, 31, 227-233.	8.6	144
103	Widespread purifying selection on RNA structure in mammals. <i>Nucleic Acids Research</i> , 2013, 41, 8220-8236.	14.5	144
104	Quantitative profiling of pseudouridylation dynamics in native RNAs with nanopore sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1278-1291.	17.5	144
105	The Functional Characterization of Long Noncoding RNA <i>SPRY4-IT1</i> in Human Melanoma Cells. <i>Oncotarget</i> , 2014, 5, 8959-8969.	1.8	142
106	Proteome analysis of extracellular proteins regulated by the las and rhl quorum sensing systems in <i>Pseudomonas aeruginosa</i> PAO1. <i>Microbiology (United Kingdom)</i> , 2003, 149, 1311-1322.	1.8	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> : pilW and pilX increase the similarity of type 4 fimbriae to the GSP protein-secretion systems and pilY1 encodes a gonococcal PilC homologue. <i>Molecular Microbiology</i> , 1996, 22, 161-173.	2.5	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.	2.5	135
110	A meta-analysis of the genomic and transcriptomic composition of complex life. <i>Cell Cycle</i> , 2013, 12, 2061-2072.	2.6	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.	2.2	131
112	Identification of vaccine candidate antigens from a genomic analysis of <i>Porphyromonas gingivalis</i> . <i>Vaccine</i> , 2001, 19, 4135-4142.	3.8	127
113	RNAdb--a comprehensive mammalian noncoding RNA database. <i>Nucleic Acids Research</i> , 2004, 33, D125-D130.	14.5	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.	5.5	126
115	Spliced synthetic genes as internal controls in RNA sequencing experiments. <i>Nature Methods</i> , 2016, 13, 792-798.	19.0	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.	0.9	122
118	Quorum Sensing Is Not Required for Twitching Motility in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2002, 184, 3598-3604.	2.2	121
119	Discrimination of Non-Protein-Coding Transcripts from Protein-Coding mRNA. <i>RNA Biology</i> , 2006, 3, 40-48.	3.1	118
120	Morphogenetic expression of <i>Bacteroides nodosus</i> fimbriae in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1987, 169, 33-41.	2.2	117
121	Noncoding RNAs in Long-Term Memory Formation. <i>Neuroscientist</i> , 2008, 14, 434-445.	3.5	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.	1.3	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.	7.1	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.	5.5	112
125	DNase I-sensitive exons colocalize with promoters and distal regulatory elements. <i>Nature Genetics</i> , 2013, 45, 852-859.	21.4	112
126	Non-coding RNAs in homeostasis, disease and stress responses: an evolutionary perspective. <i>Briefings in Functional Genomics</i> , 2013, 12, 254-278.	2.7	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.	10.3	111
128	Universal Alternative Splicing of Noncoding Exons. <i>Cell Systems</i> , 2018, 6, 245-255.e5.	6.2	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.	5.2	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.	2.5	108
131	An RNA recognition motif in Wilms' tumour protein (WT1) revealed by structural modelling. <i>Nature Genetics</i> , 1996, 12, 329-332.	21.4	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.	8.9	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.	1.8	102
134	Prediction of protein solvent accessibility using support vector machines. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 48, 566-570.	2.6	102
135	Transposon-free regions in mammalian genomes. <i>Genome Research</i> , 2005, 16, 164-172.	5.5	102
136	Effects of a Novel Long Noncoding RNA, InclUSMycN, on N-Myc Expression and Neuroblastoma Progression. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	98
137	Nucleosomes are preferentially positioned at exons in somatic and sperm cells. <i>Cell Cycle</i> , 2009, 8, 3420-3424.	2.6	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.	3.3	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.	2.6	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.	2.2	88
142	SVMtm: Support vector machines to predict transmembrane segments. <i>Journal of Computational Chemistry</i> , 2004, 25, 632-636.	3.3	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.	2.5	85
144	MicroRNAs in the shoot apical meristem of soybean. <i>Journal of Experimental Botany</i> , 2011, 62, 2495-2506.	4.8	80

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145	MATHEMATICS/COMPUTATION: Accelerating Networks. <i>Science</i> , 2005, 307, 856-858.	12.6	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.	14.8	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.	2.2	77
148	Understanding the regulatory and transcriptional complexity of the genome through structure. <i>Genome Research</i> , 2013, 23, 1081-1088.	5.5	77
149	Regulated post-transcriptional RNA cleavage diversifies the eukaryotic transcriptome. <i>Genome Research</i> , 2010, 20, 1639-1650.	5.5	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.	14.5	76
151	Deconstructing the Dogma. <i>Annals of the New York Academy of Sciences</i> , 2009, 1178, 29-46.	3.8	75
152	The evolution of RNAs with multiple functions. <i>Biochimie</i> , 2011, 93, 2013-2018.	2.6	75
153	The dark matter rises: the expanding world of regulatory RNAs. <i>Essays in Biochemistry</i> , 2013, 54, 1-16.	4.7	73
154	Construction of improved vectors for protein production in <i>Pseudomonas aeruginosa</i> . <i>Gene</i> , 1996, 172, 163-164.	2.2	72
155	Characterization of G3BPs: Tissue specific expression, chromosomal localisation and GAP120 binding studies. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 173-187.	2.6	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.	4.1	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.	2.7	68
158	The State of Long Non-Coding RNA Biology. <i>Non-coding RNA</i> , 2018, 4, 17.	2.6	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.	2.2	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.	2.2	65
161	Long noncoding RNAs in cell and developmental biology. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 327.	5.0	65
162	RNA as the substrate for epigenome-environment interactions. <i>BioEssays</i> , 2010, 32, 548-552.	2.5	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.	3.5	62
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