

Irene Bozzoni

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137
papers

12,303
citations

49
h-index

110
g-index

140
ext. papers

14,190
ext. citations

9.3
avg, IF

6.55
L-index

#	Paper	IF	Citations
137	Long non-coding RNAs: new players in cell differentiation and development. <i>Nature Reviews Genetics</i> , 2014 , 15, 7-21	30.1	2106
136	A long noncoding RNA controls muscle differentiation by functioning as a competing endogenous RNA. <i>Cell</i> , 2011 , 147, 358-69	56.2	1993
135	Circ-ZNF609 Is a Circular RNA that Can Be Translated and Functions in Myogenesis. <i>Molecular Cell</i> , 2017 , 66, 22-37.e9	17.6	1146
134	A minicircuitry comprised of microRNA-223 and transcription factors NFI-A and C/EBPalpha regulates human granulopoiesis. <i>Cell</i> , 2005 , 123, 819-31	56.2	852
133	Primary microRNA transcripts are processed co-transcriptionally. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 902-9	17.6	293
132	Concerted microRNA control of Hedgehog signalling in cerebellar neuronal progenitor and tumour cells. <i>EMBO Journal</i> , 2008 , 27, 2616-27	13	262
131	MicroRNA profiling in human medulloblastoma. <i>International Journal of Cancer</i> , 2009 , 124, 568-77	7.5	248
130	FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. <i>Nature Communications</i> , 2017 , 8, 14741	17.4	245
129	miRNAs as serum biomarkers for Duchenne muscular dystrophy. <i>EMBO Molecular Medicine</i> , 2011 , 3, 258-65	6.5	201
128	MicroRNAs involved in molecular circuitries relevant for the Duchenne muscular dystrophy pathogenesis are controlled by the dystrophin/nNOS pathway. <i>Cell Metabolism</i> , 2010 , 12, 341-351	24.6	195
127	A feedforward regulatory loop between HuR and the long noncoding RNA linc-MD1 controls early phases of myogenesis. <i>Molecular Cell</i> , 2014 , 53, 506-14	17.6	170
126	FUS stimulates microRNA biogenesis by facilitating co-transcriptional Drosha recruitment. <i>EMBO Journal</i> , 2012 , 31, 4502-10	13	161
125	Body-wide gene therapy of Duchenne muscular dystrophy in the mdx mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3758-63	11.5	123
124	The interplay between microRNAs and the neurotrophin receptor tropomyosin-related kinase C controls proliferation of human neuroblastoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7957-62	11.5	122
123	Stress induces region specific alterations in microRNAs expression in mice. <i>Behavioural Brain Research</i> , 2010 , 208, 265-9	3.4	121
122	miR-31 modulates dystrophin expression: new implications for Duchenne muscular dystrophy therapy. <i>EMBO Reports</i> , 2011 , 12, 136-41	6.5	113
121	Chimeric snRNA molecules carrying antisense sequences against the splice junctions of exon 51 of the dystrophin pre-mRNA induce exon skipping and restoration of a dystrophin synthesis in Delta 48-50 DMD cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8456-61	11.5	106

120	ALS mutant FUS proteins are recruited into stress granules in induced pluripotent stem cell-derived motoneurons. <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 755-66	4.1	100
119	A minicircuitry involving REST and CREB controls miR-9-2 expression during human neuronal differentiation. <i>Nucleic Acids Research</i> , 2010 , 38, 6895-905	20.1	99
118	Xenopus laevis ribosomal protein genes: isolation of recombinant cDNA clones and study of the genomic organization. <i>Nucleic Acids Research</i> , 1981 , 9, 1069-86	20.1	91
117	Expression of two Xenopus laevis ribosomal protein genes in injected frog oocytes. A specific splicing block interferes with the L1 RNA maturation. <i>Journal of Molecular Biology</i> , 1984 , 180, 987-1005	6.5	87
116	An ALS-associated mutation in the FUS 3SUTR disrupts a microRNA-FUS regulatory circuitry. <i>Nature Communications</i> , 2014 , 5, 4335	17.4	86
115	Modulation of circRNA Metabolism by mA Modification. <i>Cell Reports</i> , 2020 , 31, 107641	10.6	84
114	Coupled RNA processing and transcription of intergenic primary microRNAs. <i>Molecular and Cellular Biology</i> , 2009 , 29, 5632-8	4.8	84
113	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. <i>Acta Neuropathologica</i> , 2016 , 132, 175-196	14.3	80
112	Expression of ribosomal protein genes and regulation of ribosome biosynthesis in Xenopus development. <i>Trends in Biochemical Sciences</i> , 1989 , 14, 175-8	10.3	79
111	Novel long noncoding RNAs (lncRNAs) in myogenesis: a miR-31 overlapping lncRNA transcript controls myoblast differentiation. <i>Molecular and Cellular Biology</i> , 2015 , 35, 728-36	4.8	78
110	Heterochromatic gene repression of the retinoic acid pathway in acute myeloid leukemia. <i>Blood</i> , 2007 , 109, 4432-40	2.2	75
109	Msx2 and necdin combined activities are required for smooth muscle differentiation in mesoangioblast stem cells. <i>Circulation Research</i> , 2004 , 94, 1571-8	15.7	75
108	Critical Role of c-Myc in Acute Myeloid Leukemia Involving Direct Regulation of miR-26a and Histone Methyltransferase EZH2. <i>Genes and Cancer</i> , 2011 , 2, 585-92	2.9	73
107	Purification, cloning, and characterization of XendoU, a novel endoribonuclease involved in processing of intron-encoded small nucleolar RNAs in Xenopus laevis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13026-32	5.4	73
106	Purified box C/D snoRNPs are able to reproduce site-specific 2SO-methylation of target RNA in vitro. <i>Molecular and Cellular Biology</i> , 2002 , 22, 6663-8	4.8	73
105	A new vector, based on the PolII promoter of the U1 snRNA gene, for the expression of siRNAs in mammalian cells. <i>Molecular Therapy</i> , 2004 , 10, 191-9	11.7	70
104	The cotranscriptional assembly of snoRNPs controls the biosynthesis of H/ACA snoRNAs in Saccharomyces cerevisiae. <i>Molecular and Cellular Biology</i> , 2005 , 25, 5396-403	4.8	68
103	Functional analysis of yeast snoRNA and snRNA 3Send formation mediated by uncoupling of cleavage and polyadenylation. <i>Molecular and Cellular Biology</i> , 2002 , 22, 1379-89	4.8	64

102	Acute stress alters amygdala microRNA miR-135a and miR-124 expression: inferences for corticosteroid dependent stress response. <i>PLoS ONE</i> , 2013 , 8, e73385	3.7	59
101	Two different snoRNAs are encoded in introns of amphibian and human L1 ribosomal protein genes. <i>Nucleic Acids Research</i> , 1993 , 21, 5824-30	20.1	58
100	C/EBP β 30 protein induces expression of the oncogenic long non-coding RNA UCA1 in acute myeloid leukemia. <i>Oncotarget</i> , 2015 , 6, 18534-44	3.3	58
99	Long-term benefit of adeno-associated virus/antisense-mediated exon skipping in dystrophic mice. <i>Human Gene Therapy</i> , 2008 , 19, 601-8	4.8	57
98	Processing of the intron-encoded U18 small nucleolar RNA in the yeast <i>Saccharomyces cerevisiae</i> relies on both exo- and endonucleolytic activities. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3376-83	4.8	57
97	miR-142-3p Is a Key Regulator of IL-1 β Dependent Synaptopathy in Neuroinflammation. <i>Journal of Neuroscience</i> , 2017 , 37, 546-561	6.6	56
96	Circ-ZNF609 regulates G1-S progression in rhabdomyosarcoma. <i>Oncogene</i> , 2019 , 38, 3843-3854	9.2	56
95	Splicing of <i>Xenopus laevis</i> ribosomal protein RNAs is inhibited in vivo by antisera to ribonucleoproteins containing U1 small nuclear RNA. <i>Journal of Molecular Biology</i> , 1984 , 180, 1173-8	6.5	56
94	Nucleotide sequences of cloned cDNA fragments specific for six <i>Xenopus laevis</i> ribosomal proteins. <i>Gene</i> , 1982 , 17, 311-6	3.8	54
93	Replication of ribosomal DNA in <i>Xenopus laevis</i> . <i>FEBS Journal</i> , 1981 , 118, 585-90		52
92	FUS Mutant Human Motoneurons Display Altered Transcriptome and microRNA Pathways with Implications for ALS Pathogenesis. <i>Stem Cell Reports</i> , 2017 , 9, 1450-1462	8	51
91	Protein complex scaffolding predicted as a prevalent function of long non-coding RNAs. <i>Nucleic Acids Research</i> , 2018 , 46, 917-928	20.1	51
90	The role of long noncoding RNAs in the epigenetic control of gene expression. <i>ChemMedChem</i> , 2014 , 9, 505-10	3.7	50
89	NFI-A directs the fate of hematopoietic progenitors to the erythroid or granulocytic lineage and controls beta-globin and G-CSF receptor expression. <i>Blood</i> , 2009 , 114, 1753-63	2.2	50
88	In vivo identification of nuclear factors interacting with the conserved elements of box C/D small nucleolar RNAs. <i>Molecular and Cellular Biology</i> , 1998 , 18, 1023-8	4.8	47
87	Non-coding RNAs in muscle differentiation and musculoskeletal disease. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2021-30	15.9	47
86	TDP-43 regulates the microprocessor complex activity during in vitro neuronal differentiation. <i>Molecular Neurobiology</i> , 2013 , 48, 952-63	6.2	46
85	Functional characterization of XendoU, the endoribonuclease involved in small nucleolar RNA biosynthesis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 18996-9002	5.4	45

84	The structure of the endoribonuclease XendoU: From small nucleolar RNA processing to severe acute respiratory syndrome coronavirus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12365-70	11.5	44
83	Gene expression profiling identifies a subset of adult T-cell acute lymphoblastic leukemia with myeloid-like gene features and over-expression of miR-223. <i>Haematologica</i> , 2010 , 95, 1114-21	6.6	43
82	Deficiency in the nuclear long noncoding RNA causes myogenic defects and heart remodeling in mice. <i>EMBO Journal</i> , 2018 , 37,	13	43
81	Gene-mediated restoration of normal myofiber elasticity in dystrophic muscles. <i>Molecular Therapy</i> , 2009 , 17, 19-25	11.7	40
80	Coupling between snoRNP assembly and 3Sprocessing controls box C/D snoRNA biosynthesis in yeast. <i>EMBO Journal</i> , 2004 , 23, 2392-401	13	40
79	Exon 45 skipping through U1-snRNA antisense molecules recovers the Dys-nNOS pathway and muscle differentiation in human DMD myoblasts. <i>Molecular Therapy</i> , 2012 , 20, 2134-42	11.7	37
78	The tumor marker human placental protein 11 is an endoribonuclease. <i>Journal of Biological Chemistry</i> , 2008 , 283, 34712-9	5.4	37
77	Sequences coding for the ribosomal protein L14 in <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> ; homologies in the 5Suntranslated region are shared with other r-protein mRNAs. <i>Nucleic Acids Research</i> , 1986 , 14, 7633-46	20.1	37
76	Chimeric adeno-associated virus/antisense U1 small nuclear RNA effectively rescues dystrophin synthesis and muscle function by local treatment of mdx mice. <i>Human Gene Therapy</i> , 2006 , 17, 565-74	4.8	36
75	Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. <i>Cell Reports</i> , 2019 , 27, 3818-3831.e5	10.6	35
74	The Long Non-coding RNA Inc-31 Interacts with Rock1 mRNA and Mediates Its YB-1-Dependent Translation. <i>Cell Reports</i> , 2018 , 23, 733-740	10.6	35
73	Preferential silencing of a common dominant rhodopsin mutation does not inhibit retinal degeneration in a transgenic model. <i>Molecular Therapy</i> , 2006 , 14, 692-9	11.7	35
72	Fibrillarin binds directly and specifically to U16 box C/D snoRNA. <i>Rna</i> , 2000 , 6, 88-95	5.8	35
71	Exon skipping and duchenne muscular dystrophy therapy: selection of the most active U1 snRNA antisense able to induce dystrophin exon 51 skipping. <i>Molecular Therapy</i> , 2010 , 18, 1675-82	11.7	33
70	Biogenesis and function of non-coding RNAs in muscle differentiation and in Duchenne muscular dystrophy. <i>Biochemical Society Transactions</i> , 2013 , 41, 844-9	5.1	32
69	Cic1p/Nsa3p is required for synthesis and nuclear export of 60S ribosomal subunits. <i>Rna</i> , 2003 , 9, 1431-65.8		32
68	Identification of a novel element required for processing of intron-encoded box C/D small nucleolar RNAs in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2000 , 20, 1311-20	4.8	31
67	Characterization of histone genes isolated from <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> genomic libraries. <i>Nucleic Acids Research</i> , 1982 , 10, 7543-59	20.1	31

66	The long noncoding RNA linc-NeD125 controls the expression of medulloblastoma driver genes by microRNA sponge activity. <i>Oncotarget</i> , 2017 , 8, 31003-31015	3.3	31
65	Isolation and structural analysis of ribosomal protein genes in <i>Xenopus laevis</i> . Homology between sequences present in the gene and in several different messenger RNAs. <i>Journal of Molecular Biology</i> , 1982 , 161, 353-71	6.5	30
64	miR-135a Regulates Synaptic Transmission and Anxiety-Like Behavior in Amygdala. <i>Molecular Neurobiology</i> , 2018 , 55, 3301-3315	6.2	29
63	The miR-223 host non-coding transcript linc-223 induces IRF4 expression in acute myeloid leukemia by acting as a competing endogenous RNA. <i>Oncotarget</i> , 2016 , 7, 60155-60168	3.3	29
62	Inhibition of human immunodeficiency virus type 1 replication by nuclear chimeric anti-HIV ribozymes in a human T lymphoblastoid cell line. <i>Human Gene Therapy</i> , 1998 , 9, 621-8	4.8	28
61	Detrimental effect of class-selective histone deacetylase inhibitors during tissue regeneration following hindlimb ischemia. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22915-29	5.4	26
60	Ribosomal-protein synthesis is not autogenously regulated at the translational level in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1985 , 107, 281-9	3.1	26
59	Differentiation of control and ALS mutant human iPSCs into functional skeletal muscle cells, a tool for the study of neuromuscular diseases. <i>Stem Cell Research</i> , 2016 , 17, 140-7	1.6	25
58	HUVEC respond to radiation by inducing the expression of pro-angiogenic microRNAs. <i>Radiation Research</i> , 2011 , 175, 535-46	3.1	25
57	A nucleolar localizing Rev binding element inhibits HIV replication. <i>AIDS Research and Therapy</i> , 2006 , 3, 13	3	25
56	FUS ALS-causative mutations impair FUS autoregulation and splicing factor networks through intron retention. <i>Nucleic Acids Research</i> , 2020 , 48, 6889-6905	20.1	24
55	Mir-23a and mir-125b regulate neural stem/progenitor cell proliferation by targeting Musashi1. <i>RNA Biology</i> , 2014 , 11, 1105-12	4.8	24
54	A Regulatory Circuitry Between Gria2, miR-409, and miR-495 Is Affected by ALS FUS Mutation in ESC-Derived Motor Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 7635-7651	6.2	22
53	Rrp15p, a novel component of pre-ribosomal particles required for 60S ribosome subunit maturation. <i>Rna</i> , 2005 , 11, 495-502	5.8	22
52	The Rev protein is able to transport to the cytoplasm small nucleolar RNAs containing a Rev binding element. <i>Rna</i> , 1999 , 5, 993-1002	5.8	22
51	Construction of a recombinant bacterial plasmid containing DNA sequences for a mouse embryonic globin chain. <i>Nucleic Acids Research</i> , 1979 , 6, 3505-17	20.1	21
50	The position of yeast snoRNA-coding regions within host introns is essential for their biosynthesis and for efficient splicing of the host pre-mRNA. <i>Rna</i> , 2007 , 13, 138-50	5.8	19
49	The mechanisms controlling ribosomal protein L1 pre-mRNA splicing are maintained in evolution and rely on conserved intron sequences. <i>Nucleic Acids Research</i> , 1992 , 20, 4473-9	20.1	19

48	IFN- γ regulates Blimp-1 expression via miR-23a and miR-125b in both monocytes-derived DC and pDC. <i>PLoS ONE</i> , 2013 , 8, e72833	3.7	19
47	Dysregulation of Circular RNAs in Myotonic Dystrophy Type 1. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
46	Role of microRNAs in myeloid differentiation. <i>Biochemical Society Transactions</i> , 2008 , 36, 1201-5	5.1	18
45	Large-scale purification and crystallization of the endoribonuclease XendoU: troubleshooting with His-tagged proteins. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 298-301		18
44	Identification of linc-NeD125, a novel long non coding RNA that hosts miR-125b-1 and negatively controls proliferation of human neuroblastoma cells. <i>RNA Biology</i> , 2015 , 12, 1323-37	4.8	16
43	A longitudinal study defined circulating microRNAs as reliable biomarkers for disease prognosis and progression in ALS human patients. <i>Cell Death Discovery</i> , 2021 , 7, 4	6.9	16
42	Increased FUS levels in astrocytes leads to astrocyte and microglia activation and neuronal death. <i>Scientific Reports</i> , 2019 , 9, 4572	4.9	15
41	A novel Mn ⁺⁺ -dependent ribonuclease that functions in U16 SnoRNA processing in <i>X. laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997 , 233, 514-7	3.4	15
40	Circular RNAs in cell differentiation and development. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	15
39	Characterization of the lncRNA transcriptome in mESC-derived motor neurons: Implications for FUS-ALS. <i>Stem Cell Research</i> , 2018 , 27, 172-179	1.6	14
38	Inefficient in vitro splicing of the regulatory intron of the L1 ribosomal protein gene of <i>X.laevis</i> depends on suboptimal splice site sequences. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 680-7	3.4	14
37	CEBPA-regulated lncRNAs, new players in the study of acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2014 , 7, 69	22.4	13
36	Complementarity of conserved sequence elements present in 28S ribosomal RNA and in ribosomal protein genes of <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> . <i>Gene</i> , 1986 , 49, 371-6	3.8	13
35	TOP promoter elements control the relative ratio of intron-encoded snoRNA versus spliced mRNA biosynthesis. <i>Journal of Molecular Biology</i> , 2004 , 344, 383-94	6.5	12
34	RNA-binding protein HuR and the members of the miR-200 family play an unconventional role in the regulation of c-Jun mRNA. <i>Rna</i> , 2016 , 22, 1510-21	5.8	11
33	U1 snRNA as an effective vector for stable expression of antisense molecules and for the inhibition of the splicing reaction. <i>Methods in Molecular Biology</i> , 2012 , 867, 239-57	1.4	9
32	A loxP-containing pol II promoter for RNA interference is reversibly regulated by Cre recombinase. <i>RNA Biology</i> , 2005 , 2, 86-92	4.8	9
31	U86, a novel snoRNA with an unprecedented gene organization in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 16-21	3.4	9

30	Clustered and interspersed repetitive DNA sequences in four amphibian species with different genome size. <i>Nucleic Acids and Protein Synthesis</i> , 1978 , 520, 245-52		9
29	SMART lncRNA controls translation of a G-quadruplex-containing mRNA antagonizing the DHX36 helicase. <i>EMBO Reports</i> , 2020 , 21, e49942	6.5	9
28	Identification of small-molecule inhibitors of the XendoU endoribonucleases family. <i>ChemMedChem</i> , 2011 , 6, 1797-805	3.7	7
27	MicroRNAs as prime players in a combinatorial view of evolution. <i>RNA Biology</i> , 2008 , 5, 120-122	4.8	7
26	p62, a novel <i>Xenopus laevis</i> component of box C/D snoRNPs. <i>Rna</i> , 2000 , 6, 391-401	5.8	7
25	Self-cleaving motifs are found in close proximity to the sites utilized for U16 snoRNA processing. <i>Gene</i> , 1995 , 163, 221-6	3.8	6
24	Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity.. <i>Molecular Cell</i> , 2021 ,	17.6	6
23	Proteomics analysis of FUS mutant human motoneurons reveals altered regulation of cytoskeleton and other ALS-linked proteins via 3'UTR binding. <i>Scientific Reports</i> , 2020 , 10, 11827	4.9	6
22	<i>Drosophila</i> CG3303 is an essential endoribonuclease linked to TDP-43-mediated neurodegeneration. <i>Scientific Reports</i> , 2017 , 7, 41559	4.9	5
21	Circ-Hdgfrp3 shuttles along neurites and is trapped in aggregates formed by ALS-associated mutant FUS.. <i>IScience</i> , 2021 , 24, 103504	6.1	5
20	Intronic Determinants Coordinate Charme lncRNA Nuclear Activity through the Interaction with MATR3 and PTBP1. <i>Cell Reports</i> , 2020 , 33, 108548	10.6	5
19	Trans-generational epigenetic regulation associated with the amelioration of Duchenne Muscular Dystrophy. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12063	12	4
18	Characterization of the sequences encoding for <i>Xenopus laevis</i> box C/D snoRNP Nop56 protein. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002 , 1575, 26-30		3
17	The primary sequence of the <i>Schizosaccharomyces pombe</i> protein homologous to <i>S.cerevisiae</i> ribosomal protein L2. <i>Nucleic Acids Research</i> , 1993 , 21, 3900	20.1	3
16	Emerging Role for Linear and Circular Spermine Oxidase RNAs in Skeletal Muscle Physiopathology. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
15	Widespread occurrence of circular RNA in eukaryotes. <i>Nature Reviews Genetics</i> , 2021 , 22, 550-551	30.1	3
14	Role of microRNAs in hematological malignancies. <i>Expert Review of Hematology</i> , 2009 , 2, 415-23	2.8	2
13	Additive and antagonist effects of therapeutic gene combinations for suppression of HIV-1 infection. <i>Antiviral Research</i> , 2002 , 55, 77-90	10.8	2

12	miR-142-3p Is a Key Regulator of IL-1 β Dependent Synaptopathy in Neuroinflammation. <i>Journal of Neuroscience</i> , 2017 , 37, 546-561	6.6	2
11	Circular RNAs Expression, Function, and Regulation in Neural Systems 2017 , 247-263		1
10	Non coding RNA in muscle differentiation and disease. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2013 , 2, 91-101	2.9	1
9	FUS ALS-causative mutations impact FUS autoregulation and the processing of RNA-binding proteins through intron retention		1
8	CircVAMP3: A circRNA with a Role in Alveolar Rhabdomyosarcoma Cell Cycle Progression. <i>Genes</i> , 2021 , 12,	4.2	1
7	CircZNF609 as a prototype to elucidate the biological function of circRNA-mRNA interactions.. <i>Molecular and Cellular Oncology</i> , 2022 , 9, 2055939	1.2	1
6	Best practice standards for circular RNA research. <i>Nature Methods</i> ,	21.6	1
5	Biosynthesis of U16 snoRNA in early development of <i>X. laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 486-90	3.4	
4	Electron microscopic analysis of DNA replication in eukaryotes. <i>Bollettino Di Zoologia</i> , 1980 , 47, 253-261		
3	Lnc-SMaRT translational regulation of Spire1, a new player in muscle differentiation. <i>Journal of Molecular Biology</i> , 2021 , 434, 167384	6.5	
2	Chimeric Adeno-Associated Virus/Antisense U1 Small Nuclear RNA Effectively Rescues Dystrophin Synthesis and Muscle Function by Local Treatment of mdx Mice. <i>Human Gene Therapy</i> , 2006 , 060801084750006	4.8	
1	Splicing Control and Nucleus/Cytoplasm Compartmentalization of Ribosomal Protein L1 RNA in <i>X. laevis</i> Oocytes 1990 , 95-98		