

Irene Bozzoni

List of Publications by Year in descending order

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137
papers

15,458
citations

34016

52
h-index

17546

121
g-index

140
all docs

140
docs citations

140
times ranked

19834
citing authors

#	ARTICLE	IF	CITATIONS
1	Long non-coding RNAs: new players in cell differentiation and development. <i>Nature Reviews Genetics</i> , 2014, 15, 7-21.	7.7	2,616
2	A Long Noncoding RNA Controls Muscle Differentiation by Functioning as a Competing Endogenous RNA. <i>Cell</i> , 2011, 147, 358-369.	13.5	2,390
3	Circ-ZNF609 Is a Circular RNA that Can Be Translated and Functions in Myogenesis. <i>Molecular Cell</i> , 2017, 66, 22-37.e9.	4.5	1,672
4	A Minicircuitry Comprised of MicroRNA-223 and Transcription Factors NFI-A and C/EBP β Regulates Human Granulopoiesis. <i>Cell</i> , 2005, 123, 819-831.	13.5	935
5	FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. <i>Nature Communications</i> , 2017, 8, 14741.	5.8	403
6	Primary microRNA transcripts are processed co-transcriptionally. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 902-909.	3.6	335
7	Concerted microRNA control of Hedgehog signalling in cerebellar neuronal progenitor and tumour cells. <i>EMBO Journal</i> , 2008, 27, 2616-2627.	3.5	303
8	MicroRNA profiling in human medulloblastoma. <i>International Journal of Cancer</i> , 2009, 124, 568-577.	2.3	278
9	miRNAs as serum biomarkers for Duchenne muscular dystrophy. <i>EMBO Molecular Medicine</i> , 2011, 3, 258-265.	3.3	242
10	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.	7.2	228
11	Modulation of circRNA Metabolism by m6A Modification. <i>Cell Reports</i> , 2020, 31, 107641.	2.9	217
12	A Feedforward Regulatory Loop between HuR and the Long Noncoding RNA linc-MD1 Controls Early Phases of Myogenesis. <i>Molecular Cell</i> , 2014, 53, 506-514.	4.5	202
13	FUS stimulates microRNA biogenesis by facilitating co-transcriptional Drosha recruitment. <i>EMBO Journal</i> , 2012, 31, 4502-4510.	3.5	201
14	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, 7957-7962.	3.3	141
15	Stress induces region specific alterations in microRNAs expression in mice. <i>Behavioural Brain Research</i> , 2010, 208, 265-269.	1.2	140
16	miR-31 modulates dystrophin expression: new implications for Duchenne muscular dystrophy therapy. <i>EMBO Reports</i> , 2011, 12, 136-141.	2.0	135
17	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, 3758-3763.	3.3	134
18	ALS mutant FUS proteins are recruited into stress granules in induced Pluripotent Stem Cells (iPSCs) derived motoneurons. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 755-66.	1.2	121

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19	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 Å48-50 DMD cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9456-9461.	3.3	118
20	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. <i>Acta Neuropathologica</i> , 2016, 132, 175-196.	3.9	113
21	A minicircuitry involving REST and CREB controls miR-9-2 expression during human neuronal differentiation. <i>Nucleic Acids Research</i> , 2010, 38, 6895-6905.	6.5	110
22	An ALS-associated mutation in the FUS 3' UTR disrupts a microRNA-FUS regulatory circuitry. <i>Nature Communications</i> , 2014, 5, 4335.	5.8	102
23	Coupled RNA Processing and Transcription of Intergenic Primary MicroRNAs. <i>Molecular and Cellular Biology</i> , 2009, 29, 5632-5638.	1.1	101
24	Novel Long Noncoding RNAs (lncRNAs) in Myogenesis: a miR-31 Overlapping lncRNA Transcript Controls Myoblast Differentiation. <i>Molecular and Cellular Biology</i> , 2015, 35, 728-736.	1.1	99
25	Xenopus laevis ribosomal protein genes: isolation of recombinant cDNA clones and study of the genomic organization. <i>Nucleic Acids Research</i> , 1981, 9, 1069-1086.	6.5	95
26	Expression of two Xenopus laevis ribosomal protein genes in injected frog oocytes. <i>Journal of Molecular Biology</i> , 1984, 180, 987-1005.	2.0	89
27	miR-142-3p Is a Key Regulator of IL-1 β -Dependent Synaptopathy in Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 546-561.	1.7	88
28	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, 585-592.	0.6	87
29	Purified Box C/D snoRNPs Are Able To Reproduce Site-Specific 2'-O-Methylation of Target RNA In Vitro. <i>Molecular and Cellular Biology</i> , 2002, 22, 6663-6668.	1.1	84
30	Heterochromatic gene repression of the retinoic acid pathway in acute myeloid leukemia. <i>Blood</i> , 2007, 109, 4432-4440.	0.6	82
31	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, 13026-13032.	1.6	81
32	Expression of ribosomal protein genes and regulation of ribosome biosynthesis in Xenopus development. <i>Trends in Biochemical Sciences</i> , 1989, 14, 175-178.	3.7	80
33	Msx2 and Necdin Combined Activities Are Required for Smooth Muscle Differentiation in Mesoangioblast Stem Cells. <i>Circulation Research</i> , 2004, 94, 1571-1578.	2.0	79
34	FUS Mutant Human Motoneurons Display Altered Transcriptome and microRNA Pathways with Implications for ALS Pathogenesis. <i>Stem Cell Reports</i> , 2017, 9, 1450-1462.	2.3	77
35	A new vector, based on the PolIII promoter for the U1 snRNA gene, for the expression of siRNAs in mammalian cells. <i>Molecular Therapy</i> , 2004, 10, 191-199.	3.7	76
36	The Cotranscriptional Assembly of snoRNPs Controls the Biosynthesis of H/ACA snoRNAs in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2005, 25, 5396-5403.	1.1	76

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37	Protein complex scaffolding predicted as a prevalent function of long non-coding RNAs. <i>Nucleic Acids Research</i> , 2018, 46, 917-928.	6.5	76
38	Circ-ZNF609 regulates G1-S progression in rhabdomyosarcoma. <i>Oncogene</i> , 2019, 38, 3843-3854.	2.6	76
39	Non-coding RNAs in muscle differentiation and musculoskeletal disease. <i>Journal of Clinical Investigation</i> , 2016, 126, 2021-2030.	3.9	75
40	Acute Stress Alters Amygdala microRNA miR-135a and miR-124 Expression: Inferences for Corticosteroid Dependent Stress Response. <i>PLoS ONE</i> , 2013, 8, e73385.	1.1	72
41	FUS ALS-causative mutations impair FUS autoregulation and splicing factor networks through intron retention. <i>Nucleic Acids Research</i> , 2020, 48, 6889-6905.	6.5	70
42	C/EBP β -p30 protein induces expression of the oncogenic long non-coding RNA UCA1 in acute myeloid leukemia. <i>Oncotarget</i> , 2015, 6, 18534-18544.	0.8	70
43	Functional Analysis of Yeast snoRNA and snRNA 3' End Formation Mediated by Uncoupling of Cleavage and Polyadenylation. <i>Molecular and Cellular Biology</i> , 2002, 22, 1379-1389.	1.1	67
44	Long-Term Benefit of Adeno-Associated Virus/Antisense-Mediated Exon Skipping in Dystrophic Mice. <i>Human Gene Therapy</i> , 2008, 19, 601-608.	1.4	65
45	Deficiency in the nuclear long noncoding <i>Charmc</i> causes myogenic defects and heart remodeling in mice. <i>EMBO Journal</i> , 2018, 37, .	3.5	65
46	Two different snoRNAs are encoded in introns of amphibian and human L1 ribosomal protein genes. <i>Nucleic Acids Research</i> , 1993, 21, 5824-5830.	6.5	61
47	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, 3376-3383.	1.1	61
48	Replication of Ribosomal DNA in <i>Xenopus laevis</i> . <i>FEBS Journal</i> , 1981, 118, 585-590.	0.2	60
49	Nucleotide sequences of cloned cDNA fragments specific for six <i>Xenopus laevis</i> ribosomal proteins. <i>Gene</i> , 1982, 17, 311-316.	1.0	59
50	TDP-43 Regulates the Microprocessor Complex Activity During In Vitro Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2013, 48, 952-963.	1.9	59
51	The Role of Long Noncoding RNAs in the Epigenetic Control of Gene Expression. <i>ChemMedChem</i> , 2014, 9, 505-510.	1.6	59
52	Best practice standards for circular RNA research. <i>Nature Methods</i> , 2022, 19, 1208-1220.	9.0	58
53	NFI-A directs the fate of hematopoietic progenitors to the erythroid or granulocytic lineage and controls β -globin and G-CSF receptor expression. <i>Blood</i> , 2009, 114, 1753-1763.	0.6	57
54	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, 1173-1178.	2.0	56

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55	The long noncoding RNA linc-NeD125 controls the expression of medulloblastoma driver genes by microRNA sponge activity. <i>Oncotarget</i> , 2017, 8, 31003-31015.	0.8	56
56	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.	2.9	55
57	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, 12365-12370.	3.3	51
58	Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. <i>Cell Reports</i> , 2019, 27, 3818-3831.e5.	2.9	51
59	Functional Characterization of XendoU, the Endoribonuclease Involved in Small Nucleolar RNA Biosynthesis*. <i>Journal of Biological Chemistry</i> , 2005, 280, 18996-19002.	1.6	48
60	Gene-mediated Restoration of Normal Myofiber Elasticity in Dystrophic Muscles. <i>Molecular Therapy</i> , 2009, 17, 19-25.	3.7	48
61	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, 1023-1028.	1.1	47
62	Coupling between snoRNP assembly and 3' processing controls box C/D snoRNA biosynthesis in yeast. <i>EMBO Journal</i> , 2004, 23, 2392-2401.	3.5	45
63	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, 565-574.	1.4	45
64	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, 1114-1121.	1.7	45
65	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, 2134-2142.	3.7	45
66	miR-135a Regulates Synaptic Transmission and Anxiety-Like Behavior in Amygdala. <i>Molecular Neurobiology</i> , 2018, 55, 3301-3315.	1.9	43
67	The Tumor Marker Human Placental Protein 11 Is an Endoribonuclease. <i>Journal of Biological Chemistry</i> , 2008, 283, 34712-34719.	1.6	42
68	Preferential silencing of a common dominant rhodopsin mutation does not inhibit retinal degeneration in a transgenic model. <i>Molecular Therapy</i> , 2006, 14, 692-699.	3.7	39
69	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, 1675-1682.	3.7	39
70	Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity. <i>Molecular Cell</i> , 2022, 82, 75-89.e9.	4.5	39
71	Sequences coding for the ribosomal protein L14in <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> ; homologies in the 5' untranslated region are shared with other r-protein mRNAs. <i>Nucleic Acids Research</i> , 1986, 14, 7633-7646.	6.5	38
72	Fibrillarlin binds directly and specifically to U16 box C/D snoRNA. <i>Rna</i> , 2000, 6, 88-95.	1.6	38

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73	Biogenesis and function of non-coding RNAs in muscle differentiation and in Duchenne muscular dystrophy. <i>Biochemical Society Transactions</i> , 2013, 41, 844-849.	1.6	38
74	Dysregulation of Circular RNAs in Myotonic Dystrophy Type 1. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1938.	1.8	37
75	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, 1311-1320.	1.1	36
76	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.	2.0	36
77	Characterization of histone genes isolated from <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> genomic libraries. <i>Nucleic Acids Research</i> , 1982, 10, 7543-7559.	6.5	35
78	Cic1p/Nsa3p is required for synthesis and nuclear export of 60S ribosomal subunits. <i>Rna</i> , 2003, 9, 1431-1436.	1.6	35
79	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.	0.8	35
80	Increased FUS levels in astrocytes leads to astrocyte and microglia activation and neuronal death. <i>Scientific Reports</i> , 2019, 9, 4572.	1.6	34
81	Isolation and structural analysis of ribosomal protein genes in <i>Xenopus laevis</i> . <i>Journal of Molecular Biology</i> , 1982, 161, 353-371.	2.0	33
82	Mir-23a and mir-125b regulate neural stem/progenitor cell proliferation by targeting Musashi1. <i>RNA Biology</i> , 2014, 11, 1105-1112.	1.5	32
83	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.	1.9	32
84	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, 621-628.	1.4	31
85	HUVEC Respond to Radiation by Inducing the Expression of Pro-angiogenic MicroRNAs. <i>Radiation Research</i> , 2011, 175, 535.	0.7	31
86	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, 140-147.	0.3	31
87	Circular RNAs in cell differentiation and development. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	30
88	A nucleolar localizing Rev binding element inhibits HIV replication. <i>AIDS Research and Therapy</i> , 2006, 3, 13.	0.7	29
89	Detrimental Effect of Class-selective Histone Deacetylase Inhibitors during Tissue Regeneration following Hindlimb Ischemia. <i>Journal of Biological Chemistry</i> , 2013, 288, 22915-22929.	1.6	29
90	Ribosomal-protein synthesis is not autogenously regulated at the translational level in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1985, 107, 281-289.	0.9	28

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91	Characterization of the lncRNA transcriptome in mESC-derived motor neurons: Implications for FUS-ALS. <i>Stem Cell Research</i> , 2018, 27, 172-179.	0.3	27
92	Rrp15p, a novel component of pre-ribosomal particles required for 60S ribosome subunit maturation. <i>Rna</i> , 2005, 11, 495-502.	1.6	26
93	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.	1.1	26
94	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> , 2006, 13, 138-150.	1.6	25
95	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, 4473-4479.	6.5	24
96	Intronic Determinants Coordinate Charne lncRNA Nuclear Activity through the Interaction with MATR3 and PTBP1. <i>Cell Reports</i> , 2020, 33, 108548.	2.9	24
97	Construction of a recombinant bacterial plasmid containing DNA sequences for a mouse embryonic globin chain. <i>Nucleic Acids Research</i> , 1979, 6, 3505-3518.	6.5	23
98	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.	1.6	23
99	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, 1323-1337.	1.5	23
100	SMaRT lncRNA controls translation of a Gâ€œquadruplexâ€œ-containing mRNA antagonizing the DHX36 helicase. <i>EMBO Reports</i> , 2020, 21, e49942.	2.0	20
101	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.	0.7	19
102	Role of microRNAs in myeloid differentiation. <i>Biochemical Society Transactions</i> , 2008, 36, 1201-1205.	1.6	19
103	Proteomics analysis of FUS mutant human motoneurons reveals altered regulation of cytoskeleton and other ALS-linked proteins via 3â€œUTR binding. <i>Scientific Reports</i> , 2020, 10, 11827.	1.6	18
104	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, 680-687.	1.0	15
105	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, 514-517.	1.0	15
106	Widespread occurrence of circular RNA in eukaryotes. <i>Nature Reviews Genetics</i> , 2021, 22, 550-551.	7.7	15
107	TOP Promoter Elements Control the Relative Ratio of Intron-encoded snoRNA Versus Spliced mRNA Biosynthesis. <i>Journal of Molecular Biology</i> , 2004, 344, 383-394.	2.0	14
108	Circ-Hdgfrp3 shuttles along neurites and is trapped in aggregates formed by ALS-associated mutant FUS. <i>IScience</i> , 2021, 24, 103504.	1.9	14

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109	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, 371-376.	1.0	13
110	CEBPA-regulated lncRNAs, new players in the study of acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2014, 7, 69.	6.9	13
111	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, 1510-1521.	1.6	13
112	U86, a Novel snoRNA with an Unprecedented Gene Organization in Yeast. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 16-21.	1.0	11
113	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, 239-257.	0.4	11
114	Transgenerational epigenetic regulation associated with the amelioration of Duchenne Muscular Dystrophy. <i>EMBO Molecular Medicine</i> , 2020, 12, e12063.	3.3	11
115	Emerging Role for Linear and Circular Spermine Oxidase RNAs in Skeletal Muscle Physiopathology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8227.	1.8	10
116	miR-142-3p Is a Key Regulator of IL-1 β -Dependent Synaptopathy in Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 546-561.	1.7	10
117	Clustered and interspersed repetitive DNA sequences in four amphibian species with different genome size. <i>Nucleic Acids and Protein Synthesis</i> , 1978, 520, 245-252.	1.7	9
118	A loxP-Containing pol II Promoter for RNA Interference is Reversibly Regulated by Cre Recombinase. <i>RNA Biology</i> , 2005, 2, 86-92.	1.5	9
119	microRNAs as prime players in a combinatorial view of evolution. <i>RNA Biology</i> , 2008, 5, 120-122.	1.5	9
120	Identification of Small Molecule Inhibitors of the XendoU Endoribonucleases Family. <i>ChemMedChem</i> , 2011, 6, 1797-1805.	1.6	8
121	<i>Drosophila</i> CG3303 is an essential endoribonuclease linked to TDP-43-mediated neurodegeneration. <i>Scientific Reports</i> , 2017, 7, 41559.	1.6	8
122	CircVAMP3: A circRNA with a Role in Alveolar Rhabdomyosarcoma Cell Cycle Progression. <i>Genes</i> , 2021, 12, 985.	1.0	8
123	A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. <i>EMBO Journal</i> , 2022, 41, .	3.5	8
124	p62, a novel <i>Xenopus laevis</i> component of box C/D snoRNPs. <i>Rna</i> , 2000, 6, 391-401.	1.6	7
125	Self-cleaving motifs are found in close proximity to the sites utilized for U16 snoRNA processing. <i>Gene</i> , 1995, 163, 221-226.	1.0	6
126	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, 3900-3900.	6.5	4

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127	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.	2.4	4
128	Role of microRNAs in hematological malignancies. <i>Expert Review of Hematology</i> , 2009, 2, 415-423.	1.0	3
129	CircZNF609 as a prototype to elucidate the biological function of circRNA-mRNA interactions. <i>Molecular and Cellular Oncology</i> , 2022, 9, 2055939.	0.3	3
130	Additive and antagonist effects of therapeutic gene combinations for suppression of HIV-1 infection. <i>Antiviral Research</i> , 2002, 55, 77-90.	1.9	2
131	Non Coding RNA in Muscle Differentiation and Disease. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2013, 2, 91-101.	0.6	1
132	Circular RNAs Expression, Function, and Regulation in Neural Systems. , 2017, , 247-263.		1
133	Electron microscopic analysis of DNA replication in eukaryotes. <i>Bollettino Di Zoologia</i> , 1980, 47, 253-261.	0.3	0
134	Biosynthesis of U16 snoRNA in Early Development of <i>X. laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 486-490.	1.0	0
135	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, .	1.4	0
136	Splicing Control and Nucleus/Cytoplasm Compartmentalization of Ribosomal Protein L1 RNA in <i>X. laevis</i> Oocytes. , 1990, , 95-98.		0
137	Lnc-SMaRT Translational Regulation of Spire1, A New Player in Muscle Differentiation. <i>Journal of Molecular Biology</i> , 2022, 434, 167384.	2.0	0