Xiang-Dong Fu

List of Publications by Year
in descending order

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233 papers	26,940 citations	4136 87 h-index	7152 153 g-index
249 all docs	249 docs citations	249 times ranked	33180 citing authors

#	Article	IF	Citations
1	P300/CBP inhibition sensitizes mantle cell lymphoma to PI3KÎ´ inhibitor idelalisib. Acta Pharmacologica Sinica, 2022, 43, 457-469.	2.8	10
2	R-loopBase: a knowledgebase for genome-wide R-loop formation and regulation. Nucleic Acids Research, 2022, 50, D303-D315.	6.5	19
3	Alternative polyadenylation by sequential activation of distal and proximal PolyA sites. Nature Structural and Molecular Biology, 2022, 29, 21-31.	3.6	27
4	Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. Cancer Discovery, 2022, 12, 502-521.	7.7	29
5	ILF3 represses repeat-derived microRNAs targeting RIG-I mediated type I interferon response. Journal of Molecular Biology, 2022, 434, 167469.	2.0	2
6	ADAR1-mediated RNA editing links ganglioside catabolism to glioblastoma stem cell maintenance. Journal of Clinical Investigation, 2022, 132, .	3.9	27
7	PRDM16 Is a Compact Myocardium-Enriched Transcription Factor Required to Maintain Compact Myocardial Cardiomyocyte Identity in Left Ventricle. Circulation, 2022, 145, 586-602.	1.6	44
8	Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER+ breast cancer. Nature Communications, 2022, 13, 1061.	5.8	55
9	Deep learning-enabled pelvic ultrasound images for accurate diagnosis of ovarian cancer in China: a retrospective, multicentre, diagnostic study. The Lancet Digital Health, 2022, 4, e179-e187.	5.9	37
10	Site-Specific and Enzymatic Cross-Linking of sgRNA Enables Wavelength-Selectable Photoactivated Control of CRISPR Gene Editing. Journal of the American Chemical Society, 2022, 144, 4487-4495.	6.6	18
11	CTCF functions as an insulator for somatic genes and a chromatin remodeler for pluripotency genes during reprogramming. Cell Reports, 2022, 39, 110626.	2.9	22
12	Interactive effects of ocean acidification, ocean warming, and diurnal temperature cycling on antioxidant responses and energy budgets in two sea urchins Strongylocentrotus intermedius and Tripneustes gratilla from different latitudes. Science of the Total Environment, 2022, 824, 153780.	3.9	12
13	CDK16 promotes the progression and metastasis of triple-negative breast cancer by phosphorylating PRC1. Journal of Experimental and Clinical Cancer Research, 2022, 41, 149.	3.5	18
14	The long noncoding RNA Malat1 regulates CD8+ T cell differentiation by mediating epigenetic repression. Journal of Experimental Medicine, 2022, 219, .	4.2	25
15	Dynamic profiling and functional interpretation of histone lysine crotonylation and lactylation during neural development. Development (Cambridge), 2022, 149, .	1.2	30
16	Wiskott-Aldrich syndrome protein forms nuclear condensates and regulates alternative splicing. Nature Communications, 2022, 13, .	5.8	6
17	Active RNA interference in mitochondria. Cell Research, 2021, 31, 219-228.	5.7	32
18	3D genome encoded by LINE and SINE repeats. Cell Research, 2021, 31, 603-604.	5.7	4

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19	A CRISPR RNA-binding protein screen reveals regulators of RUNX1 isoform generation. Blood Advances, 2021, 5, 1310-1323.	2.5	5
20	Widespread Alternative Splicing Changes in Metastatic Breast Cancer Cells. Cells, 2021, 10, 858.	1.8	10
21	Reply to Lack of evidence for a role of PIWIL1 variants in human male infertility. Cell, 2021, 184, 1943-1944.	13.5	4
22	Acer Truncatum Seed Oil Alleviates Learning and Memory Impairments of Aging Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 680386.	1.8	6
23	Eliminating base-editor-induced genome-wide and transcriptome-wide off-target mutations. Nature Cell Biology, 2021, 23, 552-563.	4.6	50
24	Global Alternative Splicing Defects in Human Breast Cancer Cells. Cancers, 2021, 13, 3071.	1.7	6
25	Brain Repair by Cell Replacement via In Situ Neuronal Reprogramming. Annual Review of Genetics, 2021, 55, 45-69.	3.2	8
26	TDP-43 aggregation induced by oxidative stress causes global mitochondrial imbalance in ALS. Nature Structural and Molecular Biology, 2021, 28, 132-142.	3.6	92
27	Global profiling of RNAâ€“chromatin interactions reveals co-regulatory gene expression networks in Arabidopsis. Nature Plants, 2021, 7, 1364-1378.	4.7	13
28	CDK inhibitors in cancer therapy, an overview of recent development. American Journal of Cancer Research, 2021, 11, 1913-1935.	1.4	20
29	MAPT/Tau accumulation represses autophagy flux by disrupting IST1-regulated ESCRT-III complex formation: a vicious cycle in Alzheimer neurodegeneration. Autophagy, 2020, 16, 641-658.	4.3	117
30	Repeated Restraint Stress Led to Cognitive Dysfunction by NMDA Receptor-Mediated Hippocampal CA3 Dendritic Spine Impairments in Juvenile Sprague-Dawley Rats. Frontiers in Molecular Neuroscience, 2020, 13, 552787.	1.4	21
31	Active retrotransposons help maintain pericentromeric heterochromatin required for faithful cell division. Genome Research, 2020, 30, 1570-1582.	2.4	9
32	Cockayne syndrome B protein acts as an ATP-dependent processivity factor that helps RNA polymerase II overcome nucleosome barriers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25486-25493.	3.3	26
33	Hierarchically constructed selenium-doped bone-mimetic nanoparticles promote ROS-mediated autophagy and apoptosis for bone tumor inhibition. Biomaterials, 2020, 257, 120253.	5.7	47
34	A large-scale binding and functional map of human RNA-binding proteins. Nature, 2020, 583, 711-719.	13.7	667
35	Perspectives on ENCODE. Nature, 2020, 583, 693-698.	13.7	123
36	Epithelial cellâ€“specific loss of function of Miz1 causes a spontaneous COPD-like phenotype and up-regulates Ace2 expression in mice. Science Advances, 2020, 6, eabb7238.	4.7	16

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37	SRPK1 acetylation modulates alternative splicing to regulate cisplatin resistance in breast cancer cells. Communications Biology, 2020, 3, 268.	2.0	32
38	Reversing a model of Parkinsonâ€™s disease with in situ converted nigral neurons. Nature, 2020, 582, 550-556.	13.7	316
39	RNA helicases regulate RNA condensates. Cell Research, 2020, 30, 281-282.	5.7	1
40	Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. Cell, 2020, 180, 1212-1227.e14.	13.5	54
41	Angiocrine FSTL1 (Follistatin-Like Protein 1) Insufficiency Leads to Atrial and Venous Wall Fibrosis via SMAD3 Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 958-972.	1.1	10
42	Type I Interferon Regulates a Coordinated Gene Network to Enhance Cytotoxic T Cellâ€“Mediated Tumor Killing. Cancer Discovery, 2020, 10, 382-393.	7.7	31
43	Principles of RNA processing from analysis of enhanced CLIP maps for 150 RNA binding proteins. Genome Biology, 2020, 21, 90.	3.8	136
44	STAT3 ameliorates cognitive deficits by positively regulating the expression of NMDARs in a mouse model of FTDP-17. Signal Transduction and Targeted Therapy, 2020, 5, 295.	7.1	11
45	Pervasive Chromatin-RNA Binding Protein Interactions Enable RNA-Based Regulation of Transcription. Cell, 2019, 178, 107-121.e18.	13.5	224
46	Nuclear miR-320 Mediates Diabetes-Induced Cardiac Dysfunction by Activating Transcription of Fatty Acid Metabolic Genes to Cause Lipotoxicity in the Heart. Circulation Research, 2019, 125, 1106-1120.	2.0	127
47	GRID-seq for comprehensive analysis of global RNAâ€“chromatin interactions. Nature Protocols, 2019, 14, 2036-2068.	5.5	31
48	Chromatin-associated RNAs as facilitators of functional genomic interactions. Nature Reviews Genetics, 2019, 20, 503-519.	7.7	151
49	Nexilin Is a New Component of Junctional Membrane Complexes Required for Cardiac T-Tubule Formation. Circulation, 2019, 140, 55-66.	1.6	41
50	EDTP/MTMR14: A novel target for improved survivorship to prolonged anoxia and cellular protein aggregates. Neuroscience Letters, 2019, 705, 151-158.	1.0	5
51	R-ChIP for genome-wide mapping of R-loops by using catalytically inactive RNASEH1. Nature Protocols, 2019, 14, 1661-1685.	5.5	46
52	Seawater acidification increases copper toxicity: A multi-biomarker approach with a key marine invertebrate, the Pacific Oyster Crassostrea gigas. Aquatic Toxicology, 2019, 210, 167-178.	1.9	45
53	Inflammation-dependent ISG15 upregulation mediates MIA-induced dendrite damages and depression by disrupting NEDD4/Rap2A signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1477-1489.	1.8	17
54	RBFox2-miR-34a-Jph2 axis contributes to cardiac decompensation during heart failure. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6172-6180.	3.3	32

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55	Mechanistic Dissection of RNA-Binding Proteins in Regulated Gene Expression at Chromatin Levels. Cold Spring Harbor Symposia on Quantitative Biology, 2019, 84, 55-66.	2.0	4
56	A tumorigenic index for quantitative analysis of liver cancer initiation and progression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26873-26880.	3.3	10
57	A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. Cell, 2019, 179, 1566-1581.e16.	13.5	136
58	Matrix stiffness regulates epithelial-mesenchymal transition via cytoskeletal remodeling and MRTF-A translocation in osteosarcoma cells. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 90, 226-238.	1.5	31
59	SRPKIN-1: A Covalent SRPK1/2 Inhibitor that Potently Converts VEGF from Pro-angiogenic to Anti-angiogenic Isoform. Cell Chemical Biology, 2018, 25, 460-470.e6.	2.5	95
60	The Augmented R-Loop Is a Unifying Mechanism for Myelodysplastic Syndromes Induced by High-Risk Splicing Factor Mutations. Molecular Cell, 2018, 69, 412-425.e6.	4.5	203
61	Capturing the interactome of newly transcribed RNA. Nature Methods, 2018, 15, 213-220.	9.0	170
62	Î²â€catenin deficiency in hepatocytes aggravates hepatocarcinogenesis driven by oncogenic Î²â€catenin and MET. Hepatology, 2018, 67, 1807-1822.	3.6	29
63	Upregulation of UBAP2L in Bone Marrow Mesenchymal Stem Cells Promotes Functional Recovery in Rats with Spinal Cord Injury. Current Medical Science, 2018, 38, 1081-1089.	0.7	13
64	A novel class of microRNA-recognition elements that function only within open reading frames. Nature Structural and Molecular Biology, 2018, 25, 1019-1027.	3.6	134
65	LncRNA-HOTAIR inhibition aggravates oxidative stress-induced H9c2 cells injury through suppression of MMP2 by miR-125. Acta Biochimica Et Biophysica Sinica, 2018, 50, 996-1006.	0.9	45
66	PTB/nPTB: master regulators of neuronal fate in mammals. Biophysics Reports, 2018, 4, 204-214.	0.2	55
67	ALS/FTD-Linked Mutation in FUS Suppresses Intra-axonal Protein Synthesis and Drives Disease Without Nuclear Loss-of-Function of FUS. Neuron, 2018, 100, 816-830.e7.	3.8	185
68	PVT1 affects EMT and cell proliferation and migration via regulating p21 in triple-negative breast cancer cells cultured with mature adipogenic medium. Acta Biochimica Et Biophysica Sinica, 2018, 50, 1211-1218.	0.9	27
69	Lactate transport facilitates neurite outgrowth. Bioscience Reports, 2018, 38, .	1.1	16
70	Inhibition of Histone Acetylation by ANP32A Induces Memory Deficits. Journal of Alzheimer's Disease, 2018, 63, 1537-1546.	1.2	14
71	Association of rs4552569 and rs17095830 single-nucleotide polymorphisms with susceptibility to ankylosing spondylitis in east Asian population: a meta-analysis. Journal of Genetics, 2018, 97, 825-833.	0.4	1
72	Both sides of the same coin: Rac1 splicing regulation by EGF signaling. Cell Research, 2017, 27, 455-456.	5.7	7

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73	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis. Cell, 2017, 169, 1090-1104.e13.	13.5	193
74	Overexpression of Mitofusin2 decreased the reactive astrocytes proliferation in vitro induced by oxygen-glucose deprivation/reoxygenation. Neuroscience Letters, 2017, 639, 68-73.	1.0	15
75	R-ChIP Using Inactive RNase H Reveals Dynamic Coupling of R-loops with Transcriptional Pausing at Gene Promoters. Molecular Cell, 2017, 68, 745-757.e5.	4.5	263
76	Exploiting the Hidden Treasure of Detained Introns. Cancer Cell, 2017, 32, 393-395.	7.7	11
77	NEAT1 scaffolds RNA-binding proteins and the Microprocessor to globally enhance pri-miRNA processing. Nature Structural and Molecular Biology, 2017, 24, 816-824.	3.6	165
78	GRID-seq reveals the global RNAâ€“chromatin interactome. Nature Biotechnology, 2017, 35, 940-950.	9.4	233
79	A polysaccharide derived from Lentinus edodes impairs the immunosuppressive function of myeloid-derived suppressor cells via the p38 pathways. RSC Advances, 2017, 7, 36533-36540.	1.7	10
80	Irx1 regulates dental outer enamel epithelial and lung alveolar type II epithelial differentiation. Developmental Biology, 2017, 429, 44-55.	0.9	29
81	Conjugated linoleic acid prevents age-induced bone loss in mice by regulating both osteoblastogenesis and adipogenesis. Biochemical and Biophysical Research Communications, 2017, 490, 813-820.	1.0	8
82	SPOP-containing complex regulates SETD2 stability and H3K36me3-coupled alternative splicing. Nucleic Acids Research, 2017, 45, 92-105.	6.5	60
83	JMJD6 and U2AF65 co-regulate alternative splicing in both JMJD6 enzymatic activity dependent and independent manner. Nucleic Acids Research, 2017, 45, 3503-3518.	6.5	40
84	The RNA binding protein EWS is broadly involved in the regulation of pri-miRNA processing in mammalian cells. Nucleic Acids Research, 2017, 45, 12481-12495.	6.5	26
85	Fingolimod suppresses neuronal autophagy through the mTOR/p70S6K pathway and alleviates ischemic brain damage in mice. PLoS ONE, 2017, 12, e0188748.	1.1	51
86	CELF RNA binding proteins promote axon regeneration in C. elegans and mammals through alternative splicing of Syntaxins. ELife, 2016, 5, .	2.8	27
87	Release of SR Proteins from CLK1 by SRPK1: A Symbiotic Kinase System for Phosphorylation Control of Pre-mRNA Splicing. Molecular Cell, 2016, 63, 218-228.	4.5	74
88	Toxic gain of function from mutant <scp>FUS</scp> protein is crucial to trigger cell autonomous motor neuron loss. EMBO Journal, 2016, 35, 1077-1097.	3.5	187
89	Liver-Specific Deletion of SRSF2 Caused Acute Liver Failure and Early Death in Mice. Molecular and Cellular Biology, 2016, 36, 1628-1638.	1.1	32
90	RBFox2 Binds Nascent RNA to Globally Regulate Polycomb Complex 2 Targeting in Mammalian Genomes. Molecular Cell, 2016, 62, 875-889.	4.5	66

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91	Sequential regulatory loops as key gatekeepers for neuronal reprogramming in human cells. Nature Neuroscience, 2016, 19, 807-815.	7.1	88
92	Distinct splicing signatures affect converged pathways in myelodysplastic syndrome patients carrying mutations in different splicing regulators. Rna, 2016, 22, 1535-1549.	1.6	40
93	Identification of Nafamostat as a Potent Inhibitor of Middle East Respiratory Syndrome Coronavirus S Protein-Mediated Membrane Fusion Using the Split-Protein-Based Cell-Cell Fusion Assay. Antimicrobial Agents and Chemotherapy, 2016, 60, 6532-6539.	1.4	300
94	MicroRNA-21 Lowers Blood Pressure in Spontaneous Hypertensive Rats by Upregulating Mitochondrial Translation. Circulation, 2016, 134, 734-751.	1.6	134
95	Directly converted patient-specific induced neurons mirror the neuropathology of FUS with disrupted nuclear localization in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2016, 11, 8.	4.4	33
96	Layered hydrogels accelerate iPSC-derived neuronal maturation and reveal migration defects caused by MeCP2 dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3185-3190.	3.3	136
97	MiR-215 Is Induced Post-transcriptionally via HIF-Drosha Complex and Mediates Glioma-Initiating Cell Adaptation to Hypoxia by Targeting KDM1B. Cancer Cell, 2016, 29, 49-60.	7.7	95
98	Patient fibroblasts-derived induced neurons demonstrate autonomous neuronal defects in adult-onset Krabbe disease. Oncotarget, 2016, 7, 74496-74509.	0.8	26
99	MicroRNA-34c Downregulation Ameliorates Amyloid-Î²-Induced Synaptic Failure and Memory Deficits by Targeting VAMP2. Journal of Alzheimer's Disease, 2015, 48, 673-686.	1.2	37
100	A Census of Nuclear Cyanobacterial Recruits in the Plant Kingdom. PLoS ONE, 2015, 10, e0120527.	1.1	1
101	Transcription Factor PAX6 (Paired Box 6) Controls Limbal Stem Cell Lineage in Development and Disease. Journal of Biological Chemistry, 2015, 290, 20448-20454.	1.6	54
102	Yes, SiR. Rna, 2015, 21, 619-621.	1.6	0
103	TRAP150 interacts with the RNA-binding domain of PSF and antagonizes splicing of numerous PSF-target genes in T cells. Nucleic Acids Research, 2015, 43, 9006-9016.	6.5	17
104	Diabetic Insultâ€“Induced Redistribution of MicroRNA in Spatially Organized Mitochondria in Cardiac Muscle. Circulation: Cardiovascular Genetics, 2015, 8, 747-748.	5.1	2
105	ALS-causative mutations in FUS/TLS confer gain and loss of function by altered association with SMN and U1-snRNP. Nature Communications, 2015, 6, 6171.	5.8	205
106	MIWI and piRNA-mediated cleavage of messenger RNAs in mouse testes. Cell Research, 2015, 25, 193-207.	5.7	266
107	Rapidly activated epidermal growth factor receptor mediates lipopolysaccharide-triggered migration of microglia. Neurochemistry International, 2015, 90, 85-92.	1.9	21
108	Conserved proline-directed phosphorylation regulates SR protein conformation and splicing function. Biochemical Journal, 2015, 466, 311-322.	1.7	43

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109	SRSF2 Is Essential for Hematopoiesis, and Its Myelodysplastic Syndrome-Related Mutations Dysregulate Alternative Pre-mRNA Splicing. Molecular and Cellular Biology, 2015, 35, 3071-3082.	1.1	92
110	Oncogenic miR-17/20a Forms a Positive Feed-forward Loop with the p53 Kinase DAPK3 to Promote Tumorigenesis. Journal of Biological Chemistry, 2015, 290, 19967-19975.	1.6	21
111	Molecular basis for 5-carboxycytosine recognition by RNA polymerase II elongation complex. Nature, 2015, 523, 621-625.	13.7	141
112	Repression of the Central Splicing Regulator RBFox2 Is Functionally Linked to Pressure Overload-Induced Heart Failure. Cell Reports, 2015, 10, 1521-1533.	2.9	74
113	Inhibition of mTOR pathway restrains astrocyte proliferation, migration and production of inflammatory mediators after oxygenâ€“glucose deprivation and reoxygenation. Neurochemistry International, 2015, 83-84, 9-18.	1.9	66
114	Induced transcription and stability of CELF2 mRNA drives widespread alternative splicing during T-cell signaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2139-48.	3.3	51
115	Genomic functions of U2AF in constitutive and regulated splicing. RNA Biology, 2015, 12, 479-485.	1.5	36
116	An evolutionarily conserved DNA architecture determines target specificity of the TWIST family bHLH transcription factors. Genes and Development, 2015, 29, 603-616.	2.7	66
117	Transdifferentiation via transcription factors or microRNAs: Current status and perspective. Differentiation, 2015, 90, 69-76.	1.0	15
118	Global analysis of physical and functional RNA targets of hnRNP L reveals distinct sequence and epigenetic features of repressed and enhanced exons. Rna, 2015, 21, 2053-2066.	1.6	28
119	Widespread JNK-dependent alternative splicing induces a positive feedback loop through CELF2-mediated regulation of MKK7 during T-cell activation. Genes and Development, 2015, 29, 2054-2066.	2.7	65
120	Context-dependent modulation of Pol II CTD phosphatase SSUP-72 regulates alternative polyadenylation in neuronal development. Genes and Development, 2015, 29, 2377-2390.	2.7	7
121	RBFox1-mediated RNA splicing regulates cardiac hypertrophy and heart failure. Journal of Clinical Investigation, 2015, 126, 195-206.	3.9	114
122	Overexpression of OLC1 Promotes Tumorigenesis of Human Esophageal Squamous Cell Carcinoma. PLoS ONE, 2014, 9, e90958.	1.1	10
123	Co-Expression of Foreign Proteins Tethered to HIV-1 Envelope Glycoprotein on the Cell Surface by Introducing an Intervening Second Membrane-Spanning Domain. PLoS ONE, 2014, 9, e96790.	1.1	29
124	Direct Reprogramming of Huntingtonâ€™s Disease Patient Fibroblasts into Neuron-Like Cells Leads to Abnormal Neurite Outgrowth, Increased Cell Death, and Aggregate Formation. PLoS ONE, 2014, 9, e109621.	1.1	28
125	N-terminus of the protein kinase CLK1 induces SR protein hyperphosphorylation. Biochemical Journal, 2014, 462, 143-152.	1.7	35
126	Pachytene piRNAs instruct massive mRNA elimination during late spermiogenesis. Cell Research, 2014, 24, 680-700.	5.7	344

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127	De Novo Prediction of PTBP1 Binding and Splicing Targets Reveals Unexpected Features of Its RNA Recognition and Function. PLoS Computational Biology, 2014, 10, e1003442.	1.5	56
128	Induction of Retinal Progenitors and Neurons from Mammalian MÃ¼ller Glia under Defined Conditions. Journal of Biological Chemistry, 2014, 289, 11945-11951.	1.6	30
129	Pre-mRNA splicing is facilitated by an optimal RNA polymerase II elongation rate. Genes and Development, 2014, 28, 2663-2676.	2.7	250
130	Both Decreased and Increased SRPK1 Levels Promote Cancer by Interfering with PHLPP-Mediated Dephosphorylation of Akt. Molecular Cell, 2014, 54, 378-391.	4.5	105
131	CLP1 Founder Mutation Links tRNA Splicing and Maturation to Cerebellar Development and Neurodegeneration. Cell, 2014, 157, 651-663.	13.5	228
132	Mechanisms for U2AF to define 3â€² splice sites and regulate alternative splicing in the human genome. Nature Structural and Molecular Biology, 2014, 21, 997-1005.	3.6	150
133	WNT7A and PAX6 define corneal epithelium homeostasis and pathogenesis. Nature, 2014, 511, 358-361.	13.7	193
134	Non-coding RNA: a new frontier in regulatory biology. National Science Review, 2014, 1, 190-204.	4.6	175
135	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation. Cell, 2014, 158, 607-619.	13.5	385
136	Context-dependent control of alternative splicing by RNA-binding proteins. Nature Reviews Genetics, 2014, 15, 689-701.	7.7	854
137	Multiplex Analysis of PolyA-Linked Sequences (MAPS): An RNA-Seq Strategy to Profile Poly(A+) RNA. Methods in Molecular Biology, 2014, 1125, 169-178.	0.4	10
138	The splicing regulator PTBP2 controls a program of embryonic splicing required for neuronal maturation. ELife, 2014, 3, e01201.	2.8	135
139	Efficient Generation of Human iPSCs by a Synthetic Self-Replicative RNA. Cell Stem Cell, 2013, 13, 246-254.	5.2	253
140	Direct Conversion of Fibroblasts to Neurons by Reprogramming PTB-Regulated MicroRNA Circuits. Cell, 2013, 152, 82-96.	13.5	508
141	Regulation of splicing by SR proteins and SR protein-specific kinases. Chromosoma, 2013, 122, 191-207.	1.0	358
142	Genome-wide Analysis Reveals SR Protein Cooperation and Competition in Regulated Splicing. Molecular Cell, 2013, 50, 223-235.	4.5	261
143	SR Proteins Collaborate with 7SK and Promoter-Associated Nascent RNA to Release Paused Polymerase. Cell, 2013, 153, 855-868.	13.5	279
144	Partitioning RS Domain Phosphorylation in an SR Protein through the CLK and SRPK Protein Kinases. Journal of Molecular Biology, 2013, 425, 2894-2909.	2.0	69

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145	Targeted degradation of sense and antisense C9orf72 RNA foci as therapy for ALS and frontotemporal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4530-9.	3.3	508
146	Unique role of SRSF2 in transcription activation and diverse functions of the SR and hnRNP proteins in gene expression regulation. Transcription, 2013, 4, 251-259.	1.7	22
147	Versatile pathway-centric approach based on high-throughput sequencing to anticancer drug discovery. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4609-4614.	3.3	63
148	Age-Dependent Brain Gene Expression and Copy Number Anomalies in Autism Suggest Distinct Pathological Processes at Young Versus Mature Ages. PLoS Genetics, 2012, 8, e1002592.	1.5	179
149	RASLâ€seq for Massively Parallel and Quantitative Analysis of Gene Expression. Current Protocols in Molecular Biology, 2012, 98, Unit 4.13.1-9.	2.9	78
150	SRSF1 regulates the assembly of pre-mRNA processing factors in nuclear speckles. Molecular Biology of the Cell, 2012, 23, 3694-3706.	0.9	100
151	Regulation of the Hippo-YAP Pathway by G-Protein-Coupled Receptor Signaling. Cell, 2012, 150, 780-791.	13.5	1,310
152	Nuclear Matrix Factor hnRNP U/SAF-A Exerts a Global Control of Alternative Splicing by Regulating U2 snRNP Maturation. Molecular Cell, 2012, 45, 656-668.	4.5	146
153	The Mediator Couples Transcription and Splicing. Molecular Cell, 2012, 45, 433-434.	4.5	5
154	The Akt-SRPK-SR Axis Constitutes a Major Pathway in Transducing EGF Signaling to Regulate Alternative Splicing in the Nucleus. Molecular Cell, 2012, 47, 422-433.	4.5	221
155	Alternative Splicing of a Novel Inducible Exon Diversifies the CASK Guanylate Kinase Domain. Journal of Nucleic Acids, 2012, 2012, 1-15.	0.8	12
156	Preprocessing and Quality Control Strategies for Illumina DASL Assay-Based Brain Gene Expression Studies with Semi-Degraded Samples. Frontiers in Genetics, 2012, 3, 11.	1.1	22
157	RNA-Seq Analysis of Gene Expression and Alternative Splicing by Double-Random Priming Strategy. Methods in Molecular Biology, 2011, 729, 247-255.	0.4	4
158	Tracking Intron Removal in Real Time. Developmental Cell, 2011, 21, 979-980.	3.1	2
159	Reprogramming transcription by distinct classes of enhancers functionally defined by eRNA. Nature, 2011, 474, 390-394.	13.7	777
160	SON Controls Cell-Cycle Progression by Coordinated Regulation of RNA Splicing. Molecular Cell, 2011, 42, 185-198.	4.5	127
161	Regulating SR Protein Phosphorylation through Regions Outside the Kinase Domain of SRPK1. Journal of Molecular Biology, 2011, 410, 131-145.	2.0	19
162	A multiplex RNA-seq strategy to profile poly(A+) RNA: Application to analysis of transcription response and 3â€² end formation. Genomics, 2011, 98, 266-271.	1.3	61

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163	A structured RNA in hepatitisâ€ƒB virus postâ€transcriptional regulatory element represses alternative splicing in a sequenceâ€independent and positionâ€dependent manner. FEBS Journal, 2011, 278, 1533-1546.	2.2	16
164	9p21 DNA variants associated with coronary artery disease impair interferon-Î³ signalling response. Nature, 2011, 470, 264-268.	13.7	557
165	Timing of plant immune responses by a central circadian regulator. Nature, 2011, 470, 110-114.	13.7	404
166	Pre-mRNA splicing: where and when in the nucleus. Trends in Cell Biology, 2011, 21, 336-343.	3.6	118
167	Genome-wide expression assay comparison across frozen and fixed postmortem brain tissue samples. BMC Genomics, 2011, 12, 449.	1.2	9
168	Interaction between the RNA binding domains of Ser-Arg splicing factor 1 and U1-70K snRNP protein determines early spliceosome assembly. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8233-8238.	3.3	180
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