Xiang-Dong Fu

List of Publications by Year
in descending order

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		4120	7136
233	26,940	87	153
papers	citations	h-index	g-index

249	249	249	33180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of the Hippo-YAP Pathway by G-Protein-Coupled Receptor Signaling. Cell, 2012, 150, 780-791.	13.5	1,310
2	Context-dependent control of alternative splicing by RNA-binding proteins. Nature Reviews Genetics, 2014, 15, 689-701.	7.7	854
3	Reprogramming transcription by distinct classes of enhancers functionally defined by eRNA. Nature, 2011, 474, 390-394.	13.7	777
4	Factor required for mammalian spliceosome assembly is localized to discrete regions in the nucleus. Nature, 1990, 343, 437-441.	13.7	726
5	A large-scale binding and functional map of human RNA-binding proteins. Nature, 2020, 583, 711-719.	13.7	667
6	9p21 DNA variants associated with coronary artery disease impair interferon-Î³ signalling response. Nature, 2011, 470, 264-268.	13.7	557
7	Nuclear Receptor-Induced Chromosomal Proximity and DNA Breaks Underlie Specific Translocations in Cancer. Cell, 2009, 139, 1069-1083.	13.5	539
8	An RNA code for the FOX2 splicing regulator revealed by mapping RNA-protein interactions in stem cells. Nature Structural and Molecular Biology, 2009, 16, 130-137.	3.6	536
9	Direct Conversion of Fibroblasts to Neurons by Reprogramming PTB-Regulated MicroRNA Circuits. Cell, 2013, 152, 82-96.	13.5	508
10	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
11	A serine kinase regulates intracellular localization of splicing factors in the cell cycle. Nature, 1994, 369, 678-682.	13.7	498
12	Genome-wide Analysis of PTB-RNA Interactions Reveals a Strategy Used by the General Splicing Repressor to Modulate Exon Inclusion or Skipping. Molecular Cell, 2009, 36, 996-1006.	4.5	429
13	Timing of plant immune responses by a central circadian regulator. Nature, 2011, 470, 110-114.	13.7	404
14	Histone Methylation-Dependent Mechanisms Impose Ligand Dependency for Gene Activation by Nuclear Receptors. Cell, 2007, 128, 505-518.	13.5	399
15	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation. Cell, 2014, 158, 607-619.	13.5	385
16	Regulation of splicing by SR proteins and SR protein-specific kinases. Chromosoma, 2013, 122, 191-207.	1.0	358
17	Pachytene piRNAs instruct massive mRNA elimination during late spermiogenesis. Cell Research, 2014, 24, 680-700.	5.7	344
18	The splicing factor SC35 has an active role in transcriptional elongation. Nature Structural and Molecular Biology, 2008, 15, 819-826.	3.6	316

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19	Reversing a model of Parkinsonâ€™s disease with in situ converted nigral neurons. Nature, 2020, 582, 550-556.	13.7	316
20	ASF/SF2-Regulated CaMKIIÎ´ Alternative Splicing Temporally Reprograms Excitation-Contraction Coupling in Cardiac Muscle. Cell, 2005, 120, 59-72.	13.5	315
21	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
22	SR Proteins Collaborate with 7SK and Promoter-Associated Nascent RNA to Release Paused Polymerase. Cell, 2013, 153, 855-868.	13.5	279
23	Specific commitment of different pre-mRNAs to splicing by single SR proteins. Nature, 1993, 365, 82-85.	13.7	274
24	SRPK2: A Differentially Expressed SR Protein-specific Kinase Involved in Mediating the Interaction and Localization of Pre-mRNA Splicing Factors in Mammalian Cells. Journal of Cell Biology, 1998, 140, 737-750.	2.3	274
25	MIWI and piRNA-mediated cleavage of messenger RNAs in mouse testes. Cell Research, 2015, 25, 193-207.	5.7	266
26	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
27	SR Proteins in Vertical Integration of Gene Expression from Transcription to RNA Processing to Translation. Molecular Cell, 2009, 35, 1-10.	4.5	262
28	Genome-wide Analysis Reveals SR Protein Cooperation and Competition in Regulated Splicing. Molecular Cell, 2013, 50, 223-235.	4.5	261
29	Efficient Generation of Human iPSCs by a Synthetic Self-Replicative RNA. Cell Stem Cell, 2013, 13, 246-254.	5.2	253
30	Pre-mRNA splicing is facilitated by an optimal RNA polymerase II elongation rate. Genes and Development, 2014, 28, 2663-2676.	2.7	250
31	Enhancing nuclear receptor-induced transcription requires nuclear motor and LSD1-dependent gene networking in interchromatin granules. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19199-19204.	3.3	246
32	Isolation of a complementary DNA that encodes the mammalian splicing factor SC35. Science, 1992, 256, 535-538.	6.0	245
33	GRID-seq reveals the global RNAâ€“chromatin interactome. Nature Biotechnology, 2017, 35, 940-950.	9.4	233
34	Ultrastructural Analysis of Transcription and Splicing in the Cell Nucleus after Bromo-UTP Microinjection. Molecular Biology of the Cell, 1999, 10, 211-223.	0.9	228
35	CLP1 Founder Mutation Links tRNA Splicing and Maturation to Cerebellar Development and Neurodegeneration. Cell, 2014, 157, 651-663.	13.5	228
36	Pervasive Chromatin-RNA Binding Protein Interactions Enable RNA-Based Regulation of Transcription. Cell, 2019, 178, 107-121.e18.	13.5	224

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37	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
38	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
39	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
40	Profiling alternative splicing on fiber-optic arrays. Nature Biotechnology, 2002, 20, 353-358.	9.4	197
41	WNT7A and PAX6 define corneal epithelium homeostasis and pathogenesis. Nature, 2014, 511, 358-361.	13.7	193
42	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
43	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
44	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
45	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
46	Interplay between SRPK and Clk/Sty Kinases in Phosphorylation of the Splicing Factor ASF/SF2 Is Regulated by a Docking Motif in ASF/SF2. Molecular Cell, 2005, 20, 77-89.	4.5	179
47	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
48	SR Proteins and Related Factors in Alternative Splicing. Advances in Experimental Medicine and Biology, 2007, 623, 107-122.	0.8	178
49	Non-coding RNA: a new frontier in regulatory biology. National Science Review, 2014, 1, 190-204.	4.6	175
50	SRPK1 and Clk/Sty Protein Kinases Show Distinct Substrate Specificities for Serine/Arginine-rich Splicing Factors. Journal of Biological Chemistry, 1996, 271, 24569-24575.	1.6	172
51	Capturing the interactome of newly transcribed RNA. Nature Methods, 2018, 15, 213-220.	9.0	170
52	A Versatile Assay for High-Throughput Gene Expression Profiling on Universal Array Matrices. Genome Research, 2004, 14, 878-885.	2.4	165
53	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
54	Regulation of SR protein phosphorylation and alternative splicing by modulating kinetic interactions of SRPK1 with molecular chaperones. Genes and Development, 2009, 23, 482-495.	2.7	160

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55	Functional integration of transcriptional and RNA processing machineries. Current Opinion in Cell Biology, 2008, 20, 260-265.	2.6	154
56	Chromatin-associated RNAs as facilitators of functional genomic interactions. Nature Reviews Genetics, 2019, 20, 503-519.	7.7	151
57	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
58	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
59	Conserved Sr Protein Kinase Functions in Nuclear Import and Its Action Is Counteracted by Arginine Methylation in Saccharomyces cerevisiae. Journal of Cell Biology, 2000, 150, 707-718.	2.3	144
60	Molecular basis for 5-carboxycytosine recognition by RNA polymerase II elongation complex. Nature, 2015, 523, 621-625.	13.7	141
61	Splicing Regulator SC35 Is Essential for Genomic Stability and Cell Proliferation during Mammalian Organogenesis. Molecular and Cellular Biology, 2007, 27, 5393-5402.	1.1	137
62	SC35 Plays a Role in T Cell Development and Alternative Splicing of CD45. Molecular Cell, 2001, 7, 331-342.	4.5	136
63	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
64	A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. Cell, 2019, 179, 1566-1581.e16.	13.5	136
65	Principles of RNA processing from analysis of enhanced CLIP maps for 150 RNA binding proteins. Genome Biology, 2020, 21, 90.	3.8	136
66	Phosphorylation Regulates In Vivo Interaction and Molecular Targeting of Serine/Arginine-rich Pre-mRNA Splicing Factors. Journal of Cell Biology, 1999, 145, 447-455.	2.3	135
67	The splicing regulator PTBP2 controls a program of embryonic splicing required for neuronal maturation. ELife, 2014, 3, e01201.	2.8	135
68	MicroRNA-21 Lowers Blood Pressure in Spontaneous Hypertensive Rats by Upregulating Mitochondrial Translation. Circulation, 2016, 134, 734-751.	1.6	134
69	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
70	Substrate Specificities of SR Proteins in Constitutive Splicing Are Determined by Their RNA Recognition Motifs and Composite Pre-mRNA Exonic Elements. Molecular and Cellular Biology, 1999, 19, 1853-1863.	1.1	133
71	Dilated cardiomyopathy caused by tissue-specific ablation of SC35 in the heart. EMBO Journal, 2004, 23, 885-896.	3.5	128
72	SON Controls Cell-Cycle Progression by Coordinated Regulation of RNA Splicing. Molecular Cell, 2011, 42, 185-198.	4.5	127

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73	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
74	Perspectives on ENCODE. Nature, 2020, 583, 693-698.	13.7	123
75	Sensitive ChIP-DSL technology reveals an extensive estrogen receptor Â-binding program on human gene promoters. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4852-4857.	3.3	120
76	Pre-mRNA splicing: where and when in the nucleus. Trends in Cell Biology, 2011, 21, 336-343.	3.6	118
77	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
78	RBFox1-mediated RNA splicing regulates cardiac hypertrophy and heart failure. Journal of Clinical Investigation, 2015, 126, 195-206.	3.9	114
79	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
80	Regulated Cellular Partitioning of SR Protein-specific Kinases in Mammalian Cells. Molecular Biology of the Cell, 2006, 17, 876-885.	0.9	101
81	SRSF1 regulates the assembly of pre-mRNA processing factors in nuclear speckles. Molecular Biology of the Cell, 2012, 23, 3694-3706.	0.9	100
82	A protein related to splicing factor U2AF35 that interacts with U2AF65 and SR proteins in splicing of pre-mRNA. Nature, 1997, 388, 397-400.	13.7	99
83	A Sliding Docking Interaction Is Essential for Sequential and Processive Phosphorylation of an SR Protein by SRPK1. Molecular Cell, 2008, 29, 563-576.	4.5	98
84	Processive phosphorylation of alternative splicing factor/splicing factor 2. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12601-12606.	3.3	97
85	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
86	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
87	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
88	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
89	Profiling alternatively spliced mRNA isoforms for prostate cancer classification. BMC Bioinformatics, 2006, 7, 202.	1.2	91
90	Determination of tag density required for digital transcriptome analysis: Application to an androgen-sensitive prostate cancer model. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20179-20184.	3.3	90

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91	Dephosphorylation-Dependent Sorting of SR Splicing Factors during mRNP Maturation. Molecular Cell, 2005, 20, 413-425.	4.5	88
92	Sequential regulatory loops as key gatekeepers for neuronal reprogramming in human cells. Nature Neuroscience, 2016, 19, 807-815.	7.1	88
93	Mass Spectrometric and Kinetic Analysis of ASF/SF2 Phosphorylation by SRPK1 and Clk/Sty. Journal of Biological Chemistry, 2005, 280, 41761-41768.	1.6	82
94	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
95	Characteristics and regulatory elements defining constitutive splicing and different modes of alternative splicing in human and mouse. Rna, 2005, 11, 1777-1787.	1.6	75
96	Two-Dimensional Transcriptome Profiling: Identification of Messenger RNA Isoform Signatures in Prostate Cancer from Archived Paraffin-Embedded Cancer Specimens. Cancer Research, 2006, 66, 4079-4088.	0.4	75
97	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
98	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
99	Towards a Splicing Code. Cell, 2004, 119, 736-738.	13.5	73
100	SR Proteins Induce Alternative Exon Skipping through Their Activities on the Flanking Constitutive Exons. Molecular and Cellular Biology, 2011, 31, 793-802.	1.1	72
101	The structure of Sky1p reveals a novel mechanism for constitutive activity. Nature Structural Biology, 2001, 8, 176-183.	9.7	70
102	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
103	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
104	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
105	RBFox2 Binds Nascent RNA to Globally Regulate Polycomb Complex 2 Targeting in Mammalian Genomes. Molecular Cell, 2016, 62, 875-889.	4.5	66
106	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
107	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
108	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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109	SPOP-containing complex regulates SETD2 stability and H3K36me3-coupled alternative splicing. Nucleic Acids Research, 2017, 45, 92-105.	6.5	60
110	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
111	PTB/nPTB: master regulators of neuronal fate in mammals. Biophysics Reports, 2018, 4, 204-214.	0.2	55
112	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
113	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
114	Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. Cell, 2020, 180, 1212-1227.e14.	13.5	54
115	Nuclear organization in the 3D space of the nucleusâ€"cause or consequence?. Current Opinion in Genetics and Development, 2009, 19, 424-436.	1.5	52
116	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
117	Fingolimod suppresses neuronal autophagy through the mTOR/p70S6K pathway and alleviates ischemic brain damage in mice. PLoS ONE, 2017, 12, e0188748.	1.1	51
118	PTB/nPTB switch: a post-transcriptional mechanism for programming neuronal differentiation: Figure 1.. Genes and Development, 2007, 21, 1573-1577.	2.7	50
119	Eliminating base-editor-induced genome-wide and transcriptome-wide off-target mutations. Nature Cell Biology, 2021, 23, 552-563.	4.6	50
120	Hierarchically constructed selenium-doped bone-mimetic nanoparticles promote ROS-mediated autophagy and apoptosis for bone tumor inhibition. Biomaterials, 2020, 257, 120253.	5.7	47
121	Suppression of hepatitis B virus replication by SRPK1 and SRPK2 via a pathway independent of the phosphorylation of the viral core protein. Virology, 2005, 342, 150-158.	1.1	46
122	Ordered Multi-site Phosphorylation of the Splicing Factor ASF/SF2 By SRPK1. Journal of Molecular Biology, 2008, 376, 55-68.	2.0	46
123	R-ChIP for genome-wide mapping of R-loops by using catalytically inactive RNASEH1. Nature Protocols, 2019, 14, 1661-1685.	5.5	46
124	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
125	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
126	Phosphorylation-dependent and -independent Nuclear Import of RS Domain-containing Splicing Factors and Regulators. Journal of Biological Chemistry, 2003, 278, 18050-18055.	1.6	44

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127	Adaptable Molecular Interactions Guide Phosphorylation of the SR Protein ASF/SF2 by SRPK1. Journal of Molecular Biology, 2008, 382, 894-909.	2.0	44
128	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
129	Conserved proline-directed phosphorylation regulates SR protein conformation and splicing function. Biochemical Journal, 2015, 466, 311-322.	1.7	43
130	Nexilin Is a New Component of Junctional Membrane Complexes Required for Cardiac T-Tubule Formation. Circulation, 2019, 140, 55-66.	1.6	41
131	Distinct splicing signatures affect converged pathways in myelodysplastic syndrome patients carrying mutations in different splicing regulators. Rna, 2016, 22, 1535-1549.	1.6	40
132	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
133	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
134	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
135	Genomic functions of U2AF in constitutive and regulated splicing. RNA Biology, 2015, 12, 479-485.	1.5	36
136	N-terminus of the protein kinase CLK1 induces SR protein hyperphosphorylation. Biochemical Journal, 2014, 462, 143-152.	1.7	35
137	Mechanism of Dephosphorylation of the SR Protein ASF/SF2 by Protein Phosphatase 1. Journal of Molecular Biology, 2010, 403, 386-404.	2.0	33
138	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
139	SR Protein Kinase 1 Is Resilient to Inactivation. Structure, 2007, 15, 123-133.	1.6	32
140	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
141	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
142	SRPK1 acetylation modulates alternative splicing to regulate cisplatin resistance in breast cancer cells. Communications Biology, 2020, 3, 268.	2.0	32
143	Active RNA interference in mitochondria. Cell Research, 2021, 31, 219-228.	5.7	32
144	Regiospecific Phosphorylation Control of the SR Protein ASF/SF2 by SRPK1. Journal of Molecular Biology, 2009, 390, 618-634.	2.0	31

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145	GRID-seq for comprehensive analysis of global RNAâ€“chromatin interactions. Nature Protocols, 2019, 14, 2036-2068.	5.5	31
146	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
147	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
148	Induction of Retinal Progenitors and Neurons from Mammalian MÃ¼ller Glia under Defined Conditions. Journal of Biological Chemistry, 2014, 289, 11945-11951.	1.6	30
149	Dynamic profiling and functional interpretation of histone lysine crotonylation and lactylation during neural development. Development (Cambridge), 2022, 149, .	1.2	30
150	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
151	Irx1 regulates dental outer enamel epithelial and lung alveolar type II epithelial differentiation. Developmental Biology, 2017, 429, 44-55.	0.9	29
152	Î²â€¢catenin deficiency in hepatocytes aggravates hepatocarcinogenesis driven by oncogenic Î²â€¢catenin and MET. Hepatology, 2018, 67, 1807-1822.	3.6	29
153	Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. Cancer Discovery, 2022, 12, 502-521.	7.7	29
154	Novel nuclear ribonucleoprotein structural components in the dormouse adrenal cortex during hibernation. Chromosoma, 1995, 104, 121-128.	1.0	28
155	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
156	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
157	CELF RNA binding proteins promote axon regeneration in C. elegans and mammals through alternative splicing of Syntaxins. ELife, 2016, 5, .	2.8	27
158	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
159	Alternative polyadenylation by sequential activation of distal and proximal PolyA sites. Nature Structural and Molecular Biology, 2022, 29, 21-31.	3.6	27
160	ADAR1-mediated RNA editing links ganglioside catabolism to glioblastoma stem cell maintenance. Journal of Clinical Investigation, 2022, 132, .	3.9	27
161	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
162	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

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163	Patient fibroblasts-derived induced neurons demonstrate autonomous neuronal defects in adult-onset Krabbe disease. Oncotarget, 2016, 7, 74496-74509.	0.8	26
164	Localization of Serine Kinases, SRPK1 (SFRSK1) and SRPK2 (SFRSK2), Specific for the SR Family of Splicing Factors in Mouse and Human Chromosomes. Genomics, 1999, 57, 310-315.	1.3	25
165	Evidence for a role of Sky1p-mediated phosphorylation in 3â€² splice site recognition involving both Prp8 and Prp17/Slu4. Rna, 2001, 7, 1284-1297.	1.6	25
166	The long noncoding RNA Malat1 regulates CD8+ T cell differentiation by mediating epigenetic repression. Journal of Experimental Medicine, 2022, 219, .	4.2	25
167	Rev Inhibition Strongly Affects Intracellular Distribution of Human Immunodeficiency Virus Type 1 RNAs. Journal of Virology, 2002, 76, 10473-10484.	1.5	24
168	MAASE: An alternative splicing database designed for supporting splicing microarray applications. Rna, 2005, 11, 1767-1776.	1.6	23
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