Kristen W Lynch

List of Publications by Year
in descending order

59	6,162	117453	133063
papers	citations	34 h-index	59 g-index

64	64	64	9496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of CD22 Protein Expression in Childhood Leukemia by Pervasive Splicing Aberrations: Implications for CD22-Directed Immunotherapies. Blood Cancer Discovery, 2022, 3, 103-115.	2.6	31
2	Nuclear speckle integrity and function require TAO2 kinase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
3	Alternative splicing redefines landscape of commonly mutated genes in acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
4	Pharmacological activation of STING blocks SARS-CoV-2 infection. Science Immunology, 2021, 6, .	5.6	123
5	MOCCASIN: a method for correcting for known and unknown confounders in RNA splicing analysis. Nature Communications, 2021, 12, 3353.	5.8	12
6	The three as: Alternative splicing, alternative polyadenylation and their impact on apoptosis in immune function. Immunological Reviews, 2021, 304, 30-50.	2.8	20
7	PRMT5 Promotes Symmetric Dimethylation of RNA Processing Proteins and Modulates Activated T Cell Alternative Splicing and Ca2+/NFAT Signaling. ImmunoHorizons, 2021, 5, 884-897.	0.8	5
8	Alternative splicing and cancer: insights, opportunities, and challenges from an expanding view of the transcriptome. Genes and Development, 2020, 34, 1005-1016.	2.7	61
9	Reciprocal regulation of hnRNP C and CELF2 through translation and transcription tunes splicing activity in T cells. Nucleic Acids Research, 2020, 48, 5710-5719.	6.5	17
10	Meta-analysis of transcriptomic variation in T-cell populations reveals both variable and consistent signatures of gene expression and splicing. Rna, 2020, 26, 1320-1333.	1.6	20
11	Viral-induced alternative splicing of host genes promotes influenza replication. ELife, 2020, 9, .	2.8	46
12	RNA Binding Protein CELF2 Regulates Signal-Induced Alternative Polyadenylation by Competing with Enhancers of the Polyadenylation Machinery. Cell Reports, 2019, 28, 2795-2806.e3.	2.9	31
13	Deep profiling and custom databases improve detection of proteoforms generated by alternative splicing. Genome Research, 2019, 29, 2046-2055.	2.4	23
14	Functional and Mechanistic Interplay of Host and Viral Alternative Splicing Regulation during Influenza Infection. Cold Spring Harbor Symposia on Quantitative Biology, 2019, 84, 123-131.	2.0	6
15	HnRNP L represses cryptic exons. Rna, 2018, 24, 761-768.	1.6	28
16	Structuralâ€“functional interactions of NS1-BP protein with the splicing and mRNA export machineries for viral and host gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12218-E12227.	3.3	21
17	Alternative pre-mRNA splicing switch controls hESC pluripotency and differentiation. Genes and Development, 2018, 32, 1103-1104.	2.7	13
18	Co-regulatory activity of hnRNP K and NS1-BP in influenza and human mRNA splicing. Nature Communications, 2018, 9, 2407.	5.8	60

#	Article	IF	Citations
19	Ancient antagonism between CELF and RBFOX families tunes mRNA splicing outcomes. Genome Research, 2017, 27, 1360-1370.	2.4	42
20	Phosphoproteomics reveals that glycogen synthase kinase-3 phosphorylates multiple splicing factors and is associated with alternative splicing. Journal of Biological Chemistry, 2017, 292, 18240-18255.	1.6	52
21	A new view of transcriptome complexity and regulation through the lens of local splicing variations. ELife, 2016, 5, e11752.	2.8	385
22	Influenza virus mRNA trafficking through host nuclear speckles. Nature Microbiology, 2016, 1, 16069.	5.9	78
23	Position-dependent activity of CELF2 in the regulation of splicing and implications for signal-responsive regulation in T cells. RNA Biology, 2016, 13, 569-581.	1.5	45
24	<scp>PSF</scp>: nuclear busyâ€body or nuclear facilitator?. Wiley Interdisciplinary Reviews RNA, 2015, 6, 351-367.	3.2	69
25	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
26	Thoughts on NGS, alternative splicing and what we still need to know. Rna, 2015, 21, 683-684.	1.6	7
27	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
28	Convergence of Acquired Mutations and Alternative Splicing of CD19 Enables Resistance to CART-19 Immunotherapy. Cancer Discovery, 2015, 5, 1282-1295.	7.7	997
29	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
30	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
31	Regulation of CD19 Exon 2 Inclusion in B-Lymphoid Cells By Splicing Factors and Epigenetic Marks. Blood, 2015, 126, 2425-2425.	0.6	3
32	In silico to in vivo splicing analysis using splicing code models. Methods, 2014, 67, 3-12.	1.9	14
33	An optogenetic gene expression system with rapid activation and deactivation kinetics. Nature Chemical Biology, 2014, 10, 196-202.	3.9	317
34	Stem-Loop Recognition by DDX17 Facilitates miRNA Processing and Antiviral Defense. Cell, 2014, 158, 764-777.	13.5	103
35	Transcriptome-Wide RNA Interaction Profiling Reveals Physical and Functional Targets of hnRNP L in Human T Cells. Molecular and Cellular Biology, 2014, 34, 71-83.	1.1	58
36	Control of alternative splicing in immune responses: many regulators, many predictions, much still to learn. Immunological Reviews, 2013, 253, 216-236.	2.8	158

#	Article	IF	Citations
37	A compendium of RNA-binding motifs for decoding gene regulation. Nature, 2013, 499, 172-177.	13.7	1,281
38	Cellular RNA Binding Proteins NS1-BP and hnRNP K Regulate Influenza A Virus RNA Splicing. PLoS Pathogens, 2013, 9, e1003460.	2.1	78
39	hnRNP U Enhances Caspase-9 Splicing and Is Modulated by AKT-dependent Phosphorylation of hnRNP L. Journal of Biological Chemistry, 2013, 288, 8575-8584.	1.6	65
40	Paralogs hnRNP L and hnRNP LL Exhibit Overlapping but Distinct RNA Binding Constraints. PLoS ONE, 2013, 8, e80701.	1.1	36
41	Alternative splicing networks regulated by signaling in human T cells. Rna, 2012, 18, 1029-1040.	1.6	90
42	PSF controls expression of histone variants and cellular viability in thymocytes. Biochemical and Biophysical Research Communications, 2011, 414, 743-749.	1.0	17
43	DEGRADE, MOVE, REGROUP: signaling control of splicing proteins. Trends in Biochemical Sciences, 2011, 36, 397-404.	3.7	72
44	A Disease-associated Polymorphism Alters Splicing of the Human CD45 Phosphatase Gene by Disrupting Combinatorial Repression by Heterogeneous Nuclear Ribonucleoproteins (hnRNPs). Journal of Biological Chemistry, 2011, 286, 20043-20053.	1.6	28
45	Signal- and Development-Dependent Alternative Splicing of LEF1 in T Cells Is Controlled by CELF2. Molecular and Cellular Biology, 2011, 31, 2184-2195.	1.1	48
46	Context-Dependent Regulatory Mechanism of the Splicing Factor hnRNP L. Molecular Cell, 2010, 37, 223-234.	4.5	84
47	Phosphorylation-Dependent Regulation of PSF byÂGSK3 Controls CD45 Alternative Splicing. Molecular Cell, 2010, 40, 126-137.	4.5	105
48	A cell-based screen for splicing regulators identifies hnRNP LL as a distinct signal-induced repressor ofCD45variable exon 4. Rna, 2008, 14, 2038-2049.	1.6	87
49	Regulation of Alternative Splicing: More than Just the ABCs. Journal of Biological Chemistry, 2008, 283, 1217-1221.	1.6	129
50	Combinatorial Control of Signal-Induced Exon Repression by hnRNP L and PSF. Molecular and Cellular Biology, 2007, 27, 6972-6984.	1.1	65
51	Global analysis of alternative splicing during T-cell activation. Rna, 2007, 13, 563-572.	1.6	147
52	Regulation of Alternative Splicing by Signal Transduction Pathways. Advances in Experimental Medicine and Biology, 2007, 623, 161-174.	0.8	69
53	Use of transcriptional synergy to augment sensitivity of a splicing reporter assay. Rna, 2006, 12, 925-930.	1.6	18
54	HnRNP L represses exon splicing via a regulated exonic splicing silencer. EMBO Journal, 2005, 24, 2792-2802.	3.5	125

#	Article	IF	Citations
55	Differential Expression of CD45 Isoforms Is Controlled by the Combined Activity of Basal and Inducible Splicing-regulatory Elements in Each of the Variable Exons*. Journal of Biological Chemistry, 2005, 280, 38297-38304.	1.6	55
56	Consequences of regulated pre-mRNA splicing in the immune system. Nature Reviews Immunology, 2004, 4, 931-940.	10.6	228
57	A Conserved Signal-Responsive Sequence Mediates Activation-Induced Alternative Splicing of CD45. Molecular Cell, 2003, 12, 1317-1324.	4.5	75
58	A CD45 Polymorphism Associated with Multiple Sclerosis Disrupts an Exonic Splicing Silencer. Journal of Biological Chemistry, 2001, 276, 24341-24347.	1.6	101
59	A Model System for Activation-Induced Alternative Splicing of CD45 Pre-mRNA in T Cells Implicates Protein Kinase C and Ras. Molecular and Cellular Biology, 2000, 20, 70-80.	1.1	125