

Kristen W Lynch

List of Publications by Year in descending order

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59
papers

6,162
citations

117625

34
h-index

133252

59
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64
all docs

64
docs citations

64
times ranked

9496
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of CD22 Protein Expression in Childhood Leukemia by Pervasive Splicing Aberrations: Implications for CD22-Directed Immunotherapies. <i>Blood Cancer Discovery</i> , 2022, 3, 103-115.	5.0	31
2	Nuclear speckle integrity and function require TAO2 kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	2
3	Alternative splicing redefines landscape of commonly mutated genes in acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24
4	Pharmacological activation of STING blocks SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, .	11.9	123
5	MOCCASIN: a method for correcting for known and unknown confounders in RNA splicing analysis. <i>Nature Communications</i> , 2021, 12, 3353.	12.8	12
6	The three as: Alternative splicing, alternative polyadenylation and their impact on apoptosis in immune function. <i>Immunological Reviews</i> , 2021, 304, 30-50.	6.0	20
7	PRMT5 Promotes Symmetric Dimethylation of RNA Processing Proteins and Modulates Activated T Cell Alternative Splicing and Ca ²⁺ /NFAT Signaling. <i>ImmunoHorizons</i> , 2021, 5, 884-897.	1.8	5
8	Alternative splicing and cancer: insights, opportunities, and challenges from an expanding view of the transcriptome. <i>Genes and Development</i> , 2020, 34, 1005-1016.	5.9	61
9	Reciprocal regulation of hnRNP C and CELF2 through translation and transcription tunes splicing activity in T cells. <i>Nucleic Acids Research</i> , 2020, 48, 5710-5719.	14.5	17
10	Meta-analysis of transcriptomic variation in T-cell populations reveals both variable and consistent signatures of gene expression and splicing. <i>Rna</i> , 2020, 26, 1320-1333.	3.5	20
11	Viral-induced alternative splicing of host genes promotes influenza replication. <i>ELife</i> , 2020, 9, .	6.0	46
12	RNA Binding Protein CELF2 Regulates Signal-Induced Alternative Polyadenylation by Competing with Enhancers of the Polyadenylation Machinery. <i>Cell Reports</i> , 2019, 28, 2795-2806.e3.	6.4	31
13	Deep profiling and custom databases improve detection of proteoforms generated by alternative splicing. <i>Genome Research</i> , 2019, 29, 2046-2055.	5.5	23
14	Functional and Mechanistic Interplay of Host and Viral Alternative Splicing Regulation during Influenza Infection. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 123-131.	1.1	6
15	HnRNP L represses cryptic exons. <i>Rna</i> , 2018, 24, 761-768.	3.5	28
16	Structural-functional interactions of NS1-BP protein with the splicing and mRNA export machineries for viral and host gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12218-E12227.	7.1	21
17	Alternative pre-mRNA splicing switch controls hESC pluripotency and differentiation. <i>Genes and Development</i> , 2018, 32, 1103-1104.	5.9	13
18	Co-regulatory activity of hnRNP K and NS1-BP in influenza and human mRNA splicing. <i>Nature Communications</i> , 2018, 9, 2407.	12.8	60

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19	Ancient antagonism between CELF and RBFOX families tunes mRNA splicing outcomes. <i>Genome Research</i> , 2017, 27, 1360-1370.	5.5	42
20	Phosphoproteomics reveals that glycogen synthase kinase-3 phosphorylates multiple splicing factors and is associated with alternative splicing. <i>Journal of Biological Chemistry</i> , 2017, 292, 18240-18255.	3.4	52
21	A new view of transcriptome complexity and regulation through the lens of local splicing variations. <i>ELife</i> , 2016, 5, e11752.	6.0	385
22	Influenza virus mRNA trafficking through host nuclear speckles. <i>Nature Microbiology</i> , 2016, 1, 16069.	13.3	78
23	Position-dependent activity of CELF2 in the regulation of splicing and implications for signal-responsive regulation in T cells. <i>RNA Biology</i> , 2016, 13, 569-581.	3.1	45
24	<scp>PSF</scp>: nuclear busybody or nuclear facilitator?. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 351-367.	6.4	69
25	TRAP150 interacts with the RNA-binding domain of PSF and antagonizes splicing of numerous PSF-target genes in T cells. <i>Nucleic Acids Research</i> , 2015, 43, 9006-9016.	14.5	17
26	Thoughts on NGS, alternative splicing and what we still need to know. <i>Rna</i> , 2015, 21, 683-684.	3.5	7
27	Induced transcription and stability of CELF2 mRNA drives widespread alternative splicing during T-cell signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2139-48.	7.1	51
28	Convergence of Acquired Mutations and Alternative Splicing of <i>CD19</i> Enables Resistance to CART-19 Immunotherapy. <i>Cancer Discovery</i> , 2015, 5, 1282-1295.	9.4	997
29	Global analysis of physical and functional RNA targets of hnRNP L reveals distinct sequence and epigenetic features of repressed and enhanced exons. <i>Rna</i> , 2015, 21, 2053-2066.	3.5	28
30	Widespread JNK-dependent alternative splicing induces a positive feedback loop through CELF2-mediated regulation of MKK7 during T-cell activation. <i>Genes and Development</i> , 2015, 29, 2054-2066.	5.9	65
31	Regulation of CD19 Exon 2 Inclusion in B-Lymphoid Cells By Splicing Factors and Epigenetic Marks. <i>Blood</i> , 2015, 126, 2425-2425.	1.4	3
32	In silico to in vivo splicing analysis using splicing code models. <i>Methods</i> , 2014, 67, 3-12.	3.8	14
33	An optogenetic gene expression system with rapid activation and deactivation kinetics. <i>Nature Chemical Biology</i> , 2014, 10, 196-202.	8.0	317
34	Stem-Loop Recognition by DDX17 Facilitates miRNA Processing and Antiviral Defense. <i>Cell</i> , 2014, 158, 764-777.	28.9	103
35	Transcriptome-Wide RNA Interaction Profiling Reveals Physical and Functional Targets of hnRNP L in Human T Cells. <i>Molecular and Cellular Biology</i> , 2014, 34, 71-83.	2.3	58
36	Control of alternative splicing in immune responses: many regulators, many predictions, much still to learn. <i>Immunological Reviews</i> , 2013, 253, 216-236.	6.0	158

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37	A compendium of RNA-binding motifs for decoding gene regulation. <i>Nature</i> , 2013, 499, 172-177.	27.8	1,281
38	Cellular RNA Binding Proteins NS1-BP and hnRNP K Regulate Influenza A Virus RNA Splicing. <i>PLoS Pathogens</i> , 2013, 9, e1003460.	4.7	78
39	hnRNP U Enhances Caspase-9 Splicing and Is Modulated by AKT-dependent Phosphorylation of hnRNP L. <i>Journal of Biological Chemistry</i> , 2013, 288, 8575-8584.	3.4	65
40	Paralogs hnRNP L and hnRNP LL Exhibit Overlapping but Distinct RNA Binding Constraints. <i>PLoS ONE</i> , 2013, 8, e80701.	2.5	36
41	Alternative splicing networks regulated by signaling in human T cells. <i>Rna</i> , 2012, 18, 1029-1040.	3.5	90
42	PSF controls expression of histone variants and cellular viability in thymocytes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 743-749.	2.1	17
43	DEGRADE, MOVE, REGROUP: signaling control of splicing proteins. <i>Trends in Biochemical Sciences</i> , 2011, 36, 397-404.	7.5	72
44	A Disease-associated Polymorphism Alters Splicing of the Human CD45 Phosphatase Gene by Disrupting Combinatorial Repression by Heterogeneous Nuclear Ribonucleoproteins (hnRNPs). <i>Journal of Biological Chemistry</i> , 2011, 286, 20043-20053.	3.4	28
45	Signal- and Development-Dependent Alternative Splicing of LEF1 in T Cells Is Controlled by CELF2. <i>Molecular and Cellular Biology</i> , 2011, 31, 2184-2195.	2.3	48
46	Context-Dependent Regulatory Mechanism of the Splicing Factor hnRNP L. <i>Molecular Cell</i> , 2010, 37, 223-234.	9.7	84
47	Phosphorylation-Dependent Regulation of PSF by \hat{A} GSK3 Controls CD45 Alternative Splicing. <i>Molecular Cell</i> , 2010, 40, 126-137.	9.7	105
48	A cell-based screen for splicing regulators identifies hnRNP LL as a distinct signal-induced repressor of <i>CD45</i> variable exon 4. <i>Rna</i> , 2008, 14, 2038-2049.	3.5	87
49	Regulation of Alternative Splicing: More than Just the ABCs. <i>Journal of Biological Chemistry</i> , 2008, 283, 1217-1221.	3.4	129
50	Combinatorial Control of Signal-Induced Exon Repression by hnRNP L and PSF. <i>Molecular and Cellular Biology</i> , 2007, 27, 6972-6984.	2.3	65
51	Global analysis of alternative splicing during T-cell activation. <i>Rna</i> , 2007, 13, 563-572.	3.5	147
52	Regulation of Alternative Splicing by Signal Transduction Pathways. <i>Advances in Experimental Medicine and Biology</i> , 2007, 623, 161-174.	1.6	69
53	Use of transcriptional synergy to augment sensitivity of a splicing reporter assay. <i>Rna</i> , 2006, 12, 925-930.	3.5	18
54	hnRNP L represses exon splicing via a regulated exonic splicing silencer. <i>EMBO Journal</i> , 2005, 24, 2792-2802.	7.8	125

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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.	3.4	55
56	Consequences of regulated pre-mRNA splicing in the immune system. Nature Reviews Immunology, 2004, 4, 931-940.	22.7	228
57	A Conserved Signal-Responsive Sequence Mediates Activation-Induced Alternative Splicing of CD45. Molecular Cell, 2003, 12, 1317-1324.	9.7	75
58	A CD45 Polymorphism Associated with Multiple Sclerosis Disrupts an Exonic Splicing Silencer. Journal of Biological Chemistry, 2001, 276, 24341-24347.	3.4	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.	2.3	125