

Douglas L Black

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

14,294
citations

24978

57
h-index

48187

88
g-index

100
all docs

100
docs citations

100
times ranked

15342
citing authors

#	ARTICLE	IF	CITATIONS
1	Pragmatic randomized trial of a pre-visit intervention to improve the quality of telemedicine visits for vulnerable patients living with HIV. <i>Journal of Telemedicine and Telecare</i> , 2023, 29, 187-195.	1.4	7
2	Estimation of Secondary Household Attack Rates for Emergent Spike L452R Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants Detected by Genomic Surveillance at a Community-Based Testing Site in San Francisco. <i>Clinical Infectious Diseases</i> , 2022, 74, 32-39.	2.9	39
3	SARS-CoV-2 transmission dynamics and immune responses in a household of vaccinated persons. <i>Clinical Infectious Diseases</i> , 2022, , .	2.9	1
4	Effect of universal HIV testing and treatment on socioeconomic wellbeing in rural Kenya and Uganda: a cluster-randomised controlled trial. <i>The Lancet Global Health</i> , 2022, 10, e96-e104.	2.9	4
5	Integrating Rapid Diabetes Screening Into a Latinx Focused Community-Based Low-Barrier COVID-19 Testing Program. <i>JAMA Network Open</i> , 2022, 5, e2214163.	2.8	3
6	The COVID-19 Symptom to Isolation Cascade in a Latinx Community: A Call to Action. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab023.	0.4	22
7	Performance Characteristics of a Rapid Severe Acute Respiratory Syndrome Coronavirus 2 Antigen Detection Assay at a Public Plaza Testing Site in San Francisco. <i>Journal of Infectious Diseases</i> , 2021, 223, 1139-1144.	1.9	131
8	HIV incidence after pre-exposure prophylaxis initiation among women and men at elevated HIV risk: A population-based study in rural Kenya and Uganda. <i>PLoS Medicine</i> , 2021, 18, e1003492.	3.9	35
9	Costs of integrating hypertension care into HIV care in rural East African clinics. <i>Aids</i> , 2021, 35, 911-919.	1.0	4
10	Tracking pre-mRNA maturation across subcellular compartments identifies developmental gene regulation through intron retention and nuclear anchoring. <i>Genome Research</i> , 2021, 31, 1106-1119.	2.4	31
11	Field Performance and Public Health Response Using the BinaxNOW™ Rapid Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antigen Detection Assay During Community-Based Testing. <i>Clinical Infectious Diseases</i> , 2021, 73, e3098-e3101.	2.9	87
12	High Parental Vaccine Motivation at a Neighborhood-Based Vaccine and Testing Site Serving a Predominantly Latinx Community. <i>Health Equity</i> , 2021, 5, 840-846.	0.8	0
13	A protein assembly mediates Xist localization and gene silencing. <i>Nature</i> , 2020, 587, 145-151.	13.7	123
14	Pathway-guided analysis identifies Myc-dependent alternative pre-mRNA splicing in aggressive prostate cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5269-5279.	3.3	44
15	Evaluation of a novel community-based COVID-19 "Test-to-Care"™ model for low-income populations. <i>PLoS ONE</i> , 2020, 15, e0239400.	1.1	51
16	HIV Testing and Treatment with the Use of a Community Health Approach in Rural Africa. <i>New England Journal of Medicine</i> , 2019, 381, 219-229.	13.9	174
17	Deep-learning augmented RNA-seq analysis of transcript splicing. <i>Nature Methods</i> , 2019, 16, 307-310.	9.0	74
18	Rbfox1 Regulates Synaptic Transmission through the Inhibitory Neuron-Specific vSNARE Vamp1. <i>Neuron</i> , 2018, 98, 127-141.e7.	3.8	69

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19	Polypyrimidine tract-binding protein blocks miRNA-124 biogenesis to enforce its neuronal-specific expression in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11061-E11070.	3.3	30
20	Costs of streamlined HIV care delivery in rural Ugandan and Kenyan clinics in the SEARCH Study. Aids, 2018, 32, 2179-2188.	1.0	24
21	Inhibiting amyloid- β^2 cytotoxicity through its interaction with the cell surface receptor LirB2 by structure-based design. Nature Chemistry, 2018, 10, 1213-1221.	6.6	46
22	Early Adopters of Human Immunodeficiency Virus Preexposure Prophylaxis in a Population-based Combination Prevention Study in Rural Kenya and Uganda. Clinical Infectious Diseases, 2018, 67, 1853-1860.	2.9	30
23	m ⁶ A mRNA modifications are deposited in nascent pre-mRNA and are not required for splicing but do specify cytoplasmic turnover. Genes and Development, 2017, 31, 990-1006.	2.7	448
24	Splicing Activation by Rbfox Requires Self-Aggregation through Its Tyrosine-Rich Domain. Cell, 2017, 170, 312-323.e10.	13.5	102
25	RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. Journal of Clinical Investigation, 2017, 127, 987-1004.	3.9	33
26	PTBP1 and PTBP2 Serve Both Specific and Redundant Functions in Neuronal Pre-mRNA Splicing. Cell Reports, 2016, 17, 2766-2775.	2.9	97
27	The neurogenetics of alternative splicing. Nature Reviews Neuroscience, 2016, 17, 265-281.	4.9	268
28	Rbfox Proteins Regulate Splicing as Part of a Large Multiprotein Complex LASR. Cell, 2016, 165, 606-619.	13.5	158
29	Cell-Type-Specific Alternative Splicing Governs Cell Fate in the Developing Cerebral Cortex. Cell, 2016, 166, 1147-1162.e15.	13.5	276
30	Multiple determinants of splicing repression activity in the polypyrimidine tract binding proteins, PTBP1 and PTBP2. Rna, 2016, 22, 1172-1180.	1.6	29
31	Cytoplasmic Rbfox1 Regulates the Expression of Synaptic and Autism-Related Genes. Neuron, 2016, 89, 113-128.	3.8	205
32	Large-scale remodeling of a repressed exon ribonucleoprotein to an exon definition complex active for splicing. ELife, 2016, 5, .	2.8	17
33	Estimated Costs for Delivery of HIV Antiretroviral Therapy to Individuals with CD4+ T-Cell Counts >350 cells/uL in Rural Uganda. PLoS ONE, 2015, 10, e0143433.	1.1	15
34	The splicing regulator PTBP1 controls the activity of the transcription factor Pbx1 during neuronal differentiation. ELife, 2015, 4, e09268.	2.8	108
35	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
36	Stem-loop 4 of U1 snRNA is essential for splicing and interacts with the U2 snRNP-specific SF3A1 protein during spliceosome assembly. Genes and Development, 2014, 28, 2518-2531.	2.7	49

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37	The splicing regulator PTBP2 controls a program of embryonic splicing required for neuronal maturation. <i>ELife</i> , 2014, 3, e01201.	2.8	135
38	Alternative pre-mRNA splicing in neurons: growing up and extending its reach. <i>Trends in Genetics</i> , 2013, 29, 442-448.	2.9	98
39	Rbfox proteins regulate alternative mRNA splicing through evolutionarily conserved RNA bridges. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1434-1442.	3.6	313
40	EGFR Mutation-Induced Alternative Splicing of Max Contributes to Growth of Glycolytic Tumors in Brain Cancer. <i>Cell Metabolism</i> , 2013, 17, 1000-1008.	7.2	130
41	Splicing kinetics and transcript release from the chromatin compartment limit the rate of Lipid A-induced gene expression. <i>Rna</i> , 2013, 19, 811-827.	1.6	90
42	A broadly applicable high-throughput screening strategy identifies new regulators of <i>Dlg4</i> (<i>Psd-95</i>) alternative splicing. <i>Genome Research</i> , 2013, 23, 998-1007.	2.4	40
43	The splicing regulator Rbfox2 is required for both cerebellar development and mature motor function. <i>Genes and Development</i> , 2012, 26, 445-460.	2.7	186
44	The cardiotoxic steroid digitoxin regulates alternative splicing through depletion of the splicing factors SRSF3 and TRA2B. <i>Rna</i> , 2012, 18, 1041-1049.	1.6	53
45	Neuronal regulation of pre-mRNA splicing by polypyrimidine tract binding proteins, PTBP1 and PTBP2. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2012, 47, 360-378.	2.3	147
46	Transcript Dynamics of Proinflammatory Genes Revealed by Sequence Analysis of Subcellular RNA Fractions. <i>Cell</i> , 2012, 150, 279-290.	13.5	407
47	PSD-95 is post-transcriptionally repressed during early neural development by PTBP1 and PTBP2. <i>Nature Neuroscience</i> , 2012, 15, 381-388.	7.1	212
48	High-Throughput Screening for Small Molecule Modulators of FGFR2-IIIb Pre-mRNA Splicing. , 2012, , 127-138.		0
49	U1 snRNA Directly Interacts with Polypyrimidine Tract-Binding Protein during Splicing Repression. <i>Molecular Cell</i> , 2011, 41, 579-588.	4.5	82
50	The splicing regulator Rbfox1 (A2BP1) controls neuronal excitation in the mammalian brain. <i>Nature Genetics</i> , 2011, 43, 706-711.	9.4	297
51	Regulation of the Mutually Exclusive Exons 8a and 8 in the CaV1.2 Calcium Channel Transcript by Polypyrimidine Tract-binding Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 10007-10016.	1.6	64
52	Autoregulation of Fox protein expression to produce dominant negative splicing factors. <i>Rna</i> , 2010, 16, 405-416.	1.6	106
53	Developmental Control of CaV1.2 L-Type Calcium Channel Splicing by Fox Proteins. <i>Molecular and Cellular Biology</i> , 2009, 29, 4757-4765.	1.1	70
54	An inducible change in Fox-1/A2BP1 splicing modulates the alternative splicing of downstream neuronal target exons. <i>Genes and Development</i> , 2009, 23, 2284-2293.	2.7	143

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55	A Role for Polypyrimidine Tract Binding Protein in the Establishment of Focal Adhesions. <i>Molecular and Cellular Biology</i> , 2009, 29, 5564-5577.	1.1	29
56	Sam68 Regulates a Set of Alternatively Spliced Exons during Neurogenesis. <i>Molecular and Cellular Biology</i> , 2009, 29, 201-213.	1.1	105
57	Co-transcriptional splicing of constitutive and alternative exons. <i>Rna</i> , 2009, 15, 1896-1908.	1.6	250
58	Genome-wide Analysis of PTB-RNA Interactions Reveals a Strategy Used by the General Splicing Repressor to Modulate Exon Inclusion or Skipping. <i>Molecular Cell</i> , 2009, 36, 996-1006.	4.5	429
59	Polypyrimidine tract binding protein controls the transition from exon definition to an intron defined spliceosome. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 183-191.	3.6	146
60	To Cross or Not to Cross: Alternatively Spliced Forms of the Robo3 Receptor Regulate Discrete Steps in Axonal Midline Crossing. <i>Neuron</i> , 2008, 58, 297-298.	3.8	14
61	MADS: A new and improved method for analysis of differential alternative splicing by exon-tiling microarrays. <i>Rna</i> , 2008, 14, 1470-1479.	1.6	86
62	MicroRNAs regulate the expression of the alternative splicing factor nPTB during muscle development. <i>Genes and Development</i> , 2007, 21, 71-84.	2.7	280
63	A post-transcriptional regulatory switch in polypyrimidine tract-binding proteins reprograms alternative splicing in developing neurons. <i>Genes and Development</i> , 2007, 21, 1636-1652.	2.7	464
64	Depolarization and CaM Kinase IV Modulate NMDA Receptor Splicing through Two Essential RNA Elements. <i>PLoS Biology</i> , 2007, 5, e40.	2.6	95
65	Neuronal regulation of alternative pre-mRNA splicing. <i>Nature Reviews Neuroscience</i> , 2007, 8, 819-831.	4.9	369
66	Maps, Codes, and Sequence Elements: Can We Predict the Protein Output from an Alternatively Spliced Locus?. <i>Neuron</i> , 2006, 52, 574-576.	3.8	11
67	Molecular basis of RNA recognition by the human alternative splicing factor Fox-1. <i>EMBO Journal</i> , 2006, 25, 163-173.	3.5	215
68	Exon repression by polypyrimidine tract binding protein. <i>Rna</i> , 2005, 11, 699-716.	1.6	101
69	A consensus CaMK IV-responsive RNA sequence mediates regulation of alternative exons in neurons. <i>Rna</i> , 2005, 11, 1825-1834.	1.6	63
70	Homologues of the <i>Caenorhabditis elegans</i> Fox-1 Protein Are Neuronal Splicing Regulators in Mammals. <i>Molecular and Cellular Biology</i> , 2005, 25, 10005-10016.	1.1	268
71	A simple answer for a splicing conundrum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4927-4928.	3.3	15
72	Polypyrimidine Tract Binding Protein Blocks the 5' Splice Site-Dependent Assembly of U2AF and the Prespliceosomal E Complex. <i>Molecular Cell</i> , 2005, 19, 485-496.	4.5	135

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73	Structure of PTB Bound to RNA: Specific Binding and Implications for Splicing Regulation. <i>Science</i> , 2005, 309, 2054-2057.	6.0	392
74	Differentiation-induced Colocalization of the KH-type Splicing Regulatory Protein with Polypyrimidine Tract Binding Protein and the c-srcPre-mRNA. <i>Molecular Biology of the Cell</i> , 2004, 15, 774-786.	0.9	67
75	Mechanisms of Alternative Pre-Messenger RNA Splicing. <i>Annual Review of Biochemistry</i> , 2003, 72, 291-336.	5.0	2,268
76	Roles for SR Proteins and hnRNP A1 in the Regulation of c-src Exon N1. <i>Molecular and Cellular Biology</i> , 2003, 23, 1874-1884.	1.1	82
77	Protein kinase A phosphorylation modulates transport of the polypyrimidine tract-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8776-8781.	3.3	160
78	Alternative RNA splicing in the nervous system. <i>Progress in Neurobiology</i> , 2001, 65, 289-308.	2.8	301
79	A CaMK IV responsive RNA element mediates depolarization-induced alternative splicing of ion channels. <i>Nature</i> , 2001, 410, 936-939.	13.7	249
80	Cooperative Assembly of an hnRNP Complex Induced by a Tissue-Specific Homolog of Polypyrimidine Tract Binding Protein. <i>Molecular and Cellular Biology</i> , 2000, 20, 7463-7479.	1.1	292
81	Multisite RNA Binding and Release of Polypyrimidine Tract Binding Protein during the Regulation of c-src Neural-Specific Splicing. <i>Molecular Cell</i> , 2000, 5, 949-957.	4.5	178
82	Protein Diversity from Alternative Splicing. <i>Cell</i> , 2000, 103, 367-370.	13.5	519
83	Combinatorial control of a neuron-specific exon. <i>Rna</i> , 1999, 5, 687-706.	1.6	65
84	hnRNP H Is a Component of a Splicing Enhancer Complex That Activates a c-src Alternative Exon in Neuronal Cells. <i>Molecular and Cellular Biology</i> , 1999, 19, 69-77.	1.1	235
85	Splicing in the Inner Ear: a Familiar Tune, but What Are the Instruments?. <i>Neuron</i> , 1998, 20, 165-168.	3.8	67
86	Activation of c-src neuron-specific splicing by an unusual RNA element in vivo and in vitro. <i>Cell</i> , 1992, 69, 795-807.	13.5	174
87	U2 as well as U1 small nuclear ribonucleoproteins are involved in premessenger RNA splicing. <i>Cell</i> , 1985, 42, 737-750.	13.5	632