Robert B Darnell

List of Publications by Year in descending order

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184 papers	33,573 citations	4146 87 h-index	4117 175 g-index
217	217	217	35684
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	YTHDC2 control of gametogenesis requires helicase activity but not m ⁶ A binding. Genes and Development, 2022, 36, 180-194.	5.9	25
2	Genome-wide landscape of RNA-binding protein target site dysregulation reveals a major impact on psychiatric disorder risk. Nature Genetics, 2021, 53, 166-173.	21.4	49
3	AGO HITS-CLIP reveals distinct miRNA regulation of white and brown adipose tissue identity. Genes and Development, 2021, 35, 771-781.	5.9	5
4	NOVA2 regulates neural circRNA biogenesis. Nucleic Acids Research, 2021, 49, 6849-6862.	14.5	32
5	DRUL for school: Opening Pre-K with safe, simple, sensitive saliva testing for SARS-CoV-2. PLoS ONE, 2021, 16, e0252949.	2.5	5
6	Vaccine Breakthrough Infections with SARS-CoV-2 Variants. New England Journal of Medicine, 2021, 384, 2212-2218.	27.0	647
7	FMRP regulates mRNAs encoding distinct functions in the cell body and dendrites of CA1 pyramidal neurons. ELife, 2021, 10, .	6.0	28
8	PRIME Cells Predicting Rheumatoid Arthritis Flares. New England Journal of Medicine, 2020, 383, 1594-1596.	27.0	1
9	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. Cell, 2020, 183, 197-210.e32.	28.9	141
10	RNA Identification of PRIME Cells Predicting Rheumatoid Arthritis Flares. New England Journal of Medicine, 2020, 383, 218-228.	27.0	111
11	The Genetic Control of Stoichiometry Underlying Autism. Annual Review of Neuroscience, 2020, 43, 509-533.	10.7	10
12	A Large Panel of Isogenic APP and PSEN1 Mutant Human iPSC Neurons Reveals Shared Endosomal Abnormalities Mediated by APP β-CTFs, Not Aβ. Neuron, 2019, 104, 256-270.e5.	8.1	185
13	AGO CLIP Reveals an Activated Network for Acute Regulation of Brain Glutamate Homeostasis in Ischemic Stroke. Cell Reports, 2019, 28, 979-991.e6.	6.4	20
14	Whole-genome deep-learning analysis identifies contribution of noncoding mutations to autism risk. Nature Genetics, 2019, 51, 973-980.	21.4	216
15	Sequencing and curation strategies for identifying candidate glioblastoma treatments. BMC Medical Genomics, 2019, 12, 56.	1.5	7
16	Patient-Driven Discovery, Therapeutic Targeting, and Post-Clinical Validation of a Novel <i>AKT1</i> Fusion–Driven Cancer. Cancer Discovery, 2019, 9, 605-616.	9.4	11
17	Identification of targetable BRAF ΔN486_P490 variant by whole-genome sequencing leading to dabrafenib-induced remission of a <i>BRAF</i> -mutant pancreatic adenocarcinoma. Journal of Physical Education and Sports Management, 2019, 5, a004424.	1.2	21
18	Germline NPM1 mutations lead to altered rRNA 2′-O-methylation and cause dyskeratosis congenita. Nature Genetics, 2019, 51, 1518-1529.	21.4	84

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19	Differential NOVA2-Mediated Splicing in Excitatory and Inhibitory Neurons Regulates Cortical Development and Cerebellar Function. Neuron, 2019, 101, 707-720.e5.	8.1	52
20	FMRP has a cell-type-specific role in CA1 pyramidal neurons to regulate autism-related transcripts and circadian memory. ELife, 2019, 8, .	6.0	70
21	Identification of Three Rheumatoid Arthritis Disease Subtypes by Machine Learning Integration of Synovial Histologic Features and <scp>RNA</scp> Sequencing Data. Arthritis and Rheumatology, 2018, 70, 690-701.	5.6	157
22	Single-cell RNA-seq of rheumatoid arthritis synovial tissue using low-cost microfluidic instrumentation. Nature Communications, 2018, 9, 791.	12.8	284
23	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1552-1564.	5.6	102
24	Elavl3 is essential for the maintenance of Purkinje neuron axons. Scientific Reports, 2018, 8, 2722.	3.3	47
25	Whole Genome Sequencing-Based Discovery of Structural Variants in Glioblastoma. Methods in Molecular Biology, 2018, 1741, 1-29.	0.9	11
26	Pre-mRNA processing includes <i>N</i> ⁶ methylation of adenosine residues that are retained in mRNA exons and the fallacy of "RNA epigenetics― Rna, 2018, 24, 262-267.	3.5	70
27	A recurrent novel <i>MGA–NUTM1</i> fusion identifies a new subtype of high-grade spindle cell sarcoma. Journal of Physical Education and Sports Management, 2018, 4, a003194.	1.2	32
28	Ultraviolet (UV) Cross-Linking of Live Cells, Lysate Preparation, and RNase Titration for Cross-Linking Immunoprecipitation (CLIP). Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097949.	0.3	4
29	Immunoprecipitation and SDS-PAGE for Cross-Linking Immunoprecipitation (CLIP). Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097956.	0.3	6
30	3′-Linker Ligation and Size Selection by SDS-PAGE for Cross-Linking Immunoprecipitation (CLIP). Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097964.	0.3	3
31	Isolation of the RNA Cross-Linking Immunoprecipitation (CLIP) Tags, 5′-Linker Ligation, Reverse Transcription-Polymerase Chain Reaction (RT-PCR) Amplification, and Sequencing. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097972.	0.3	3
32	Mapping of In Vivo RNA-Binding Sites by Ultraviolet (UV)-Cross-Linking Immunoprecipitation (CLIP). Cold Spring Harbor Protocols, 2018, 2018, pdb.top097931.	0.3	7
33	ZFP36 RNA-binding proteins restrain T cell activation and anti-viral immunity. ELife, 2018, 7, .	6.0	103
34	Differential 3' processing of specific transcripts expands regulatory and protein diversity across neuronal cell types. ELife, 2018, 7, .	6.0	30
35	The Future of Cross-Linking and Immunoprecipitation (CLIP). Cold Spring Harbor Perspectives in Biology, 2018, 10, a032243.	5.5	51
36	Cell type-specific CLIP reveals that NOVA regulates cytoskeleton interactions in motoneurons. Genome Biology, 2018, 19, 117.	8.8	19

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37	Immune Escape via a Transient Gene Expression Program Enables Productive Replication of a Latent Pathogen. Cell Reports, 2017, 18, 1312-1323.	6.4	43
38	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.	5.9	448
39	Global mapping of miRNA-target interactions in cattle (Bos taurus). Scientific Reports, 2017, 7, 8190.	3.3	23
40	Genomic Patterns of De Novo Mutation in Simplex Autism. Cell, 2017, 171, 710-722.e12.	28.9	308
41	cTag-PAPERCLIP Reveals Alternative Polyadenylation Promotes Cell-Type Specific Protein Diversity and Shifts Araf Isoforms with Microglia Activation. Neuron, 2017, 95, 1334-1349.e5.	8.1	60
42	Argonaute CLIP Defines a Deregulated miR-122-Bound Transcriptome that Correlates with Patient Survival in Human Liver Cancer. Molecular Cell, 2017, 67, 400-410.e7.	9.7	64
43	Comprehensive Identification of mRNA Polyadenylation Sites by PAPERCLIP. Methods in Molecular Biology, 2017, 1648, 79-93.	0.9	5
44	Excess Translation of Epigenetic Regulators Contributes to Fragile X Syndrome and Is Alleviated by Brd4 Inhibition. Cell, 2017, 170, 1209-1223.e20.	28.9	106
45	Comparing sequencing assays and human-machine analyses in actionable genomics for glioblastoma. Neurology: Genetics, 2017, 3, e164.	1.9	32
46	Successful Targeted Therapy of Refractory Pediatric <i>ETV6-NTRK3</i> Fusion-Positive Secretory Breast Carcinoma. JCO Precision Oncology, 2017, 2017, 1-8.	3.0	31
47	T cells presenting viral antigens or autoantigens induce cytotoxic T cell anergy. JCI Insight, 2017, 2, .	5.0	3
48	Regulatory consequences of neuronal ELAV-like protein binding to coding and non-coding RNAs in human brain. ELife, 2016, 5, .	6.0	128
49	NOVA regulates Dcc alternative splicing during neuronal migration and axon guidance in the spinal cord. ELife, 2016, 5, .	6.0	59
50	PAPERCLIP Identifies MicroRNA Targets and a Role of CstF64/64tau in Promoting Non-canonical poly(A) Site Usage. Cell Reports, 2016, 15, 423-435.	6.4	73
51	Reply. Annals of Neurology, 2016, 80, 793-794.	5.3	0
52	Proteolytic degradation and potential role of onconeural protein cdr2 in neurodegeneration. Cell Death and Disease, 2016, 7, e2240-e2240.	6.3	10
53	Differential burden of rare protein truncating variants in Alzheimer's disease patients compared to centenarians. Human Molecular Genetics, 2016, 25, ddw150.	2.9	10
54	A Broad RNA Virus Survey Reveals Both miRNA Dependence and Functional Sequestration. Cell Host and Microbe, 2016, 19, 409-423.	11.0	109

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55	Genome Sequencing of Autism-Affected Families Reveals Disruption of Putative Noncoding Regulatory DNA. American Journal of Human Genetics, 2016, 98, 58-74.	6.2	248
56	NOVA2-mediated RNA regulation is required for axonal pathfinding during development. ELife, 2016, 5, .	6.0	90
57	A destructive feedback loop mediated by CXCL 10 in central nervous system inflammatory disease. Annals of Neurology, 2015, 78, 619-629.	5.3	26
58	Microexons—Tiny but mighty. EMBO Journal, 2015, 34, 273-274.	7.8	20
59	Structural insights into mis-regulation of protein kinase A in human tumors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1374-1379.	7.1	78
60	Hepatitis C Virus RNA Functionally Sequesters miR-122. Cell, 2015, 160, 1099-1110.	28.9	324
61	Assembly and diploid architecture of an individual human genome via single-molecule technologies. Nature Methods, 2015, 12, 780-786.	19.0	465
62	A majority of m ⁶ A residues are in the last exons, allowing the potential for 3′ UTR regulation. Genes and Development, 2015, 29, 2037-2053.	5.9	653
63	BET protein Brd4 activates transcription in neurons and BET inhibitor Jq1 blocks memory in mice. Nature Neuroscience, 2015, 18, 1464-1473.	14.8	215
64	Crystal structure reveals specific recognition of a G-quadruplex RNA by a β-turn in the RGG motif of FMRP. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5391-400.	7.1	168
65	miRNA–target chimeras reveal miRNA 3′-end pairing as a major determinant of Argonaute target specificity. Nature Communications, 2015, 6, 8864.	12.8	268
66	Loss of the multifunctional RNA-binding protein RBM47 as a source of selectable metastatic traits in breast cancer. ELife, 2014, 3, .	6.0	115
67	TÂcells targeting a neuronal paraneoplastic antigen mediate tumor rejection and trigger CNS autoimmunity with humoral activation. European Journal of Immunology, 2014, 44, 3240-3251.	2.9	31
68	Dendritic cell vaccines containing lymphocytes produce improved immunogenicity in patients with cancer. Journal of Translational Medicine, 2014, 12, 338.	4.4	5
69	HITS-CLIP and Integrative Modeling Define the Rbfox Splicing-Regulatory Network Linked to Brain Development and Autism. Cell Reports, 2014, 6, 1139-1152.	6.4	326
70	Mapping Argonaute and conventional RNA-binding protein interactions with RNA at single-nucleotide resolution using HITS-CLIP and CIMS analysis. Nature Protocols, 2014, 9, 263-293.	12.0	272
71	Disease variants in genomes of 44 centenarians. Molecular Genetics & Genomic Medicine, 2014, 2, 438-450.	1.2	58
72	Progressive impairment of muscle regeneration in muscleblind-like 3 isoform knockout mice. Human Molecular Genetics, 2013, 22, 3547-3558.	2.9	61

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73	Ri/ <i>Nova</i> geneâ€associated paraneoplastic subacute motor neuronopathy. Muscle and Nerve, 2013, 47, 617-618.	2.2	15
74	RNA Protein Interaction in Neurons. Annual Review of Neuroscience, 2013, 36, 243-270.	10.7	155
75	Prediction of clustered RNA-binding protein motif sites in the mammalian genome. Nucleic Acids Research, 2013, 41, 6793-6807.	14.5	64
76	Turkey Must End Violent Response to Protests. Science, 2013, 341, 236-236.	12.6	2
77	Dendritic cells loaded with FK506 kill T cells in an antigen-specific manner and prevent autoimmunity in vivo. ELife, 2013, 2, e00105.	6.0	22
78	NOVA-dependent regulation of cryptic NMD exons controls synaptic protein levels after seizure. ELife, 2013, 2, e00178.	6.0	92
79	EBV and human microRNAs co-target oncogenic and apoptotic viral and human genes during latency. EMBO Journal, 2012, 31, 2207-2221.	7.8	268
80	Cellular Immune Suppression in Paraneoplastic Neurologic Syndromes Targeting Intracellular Antigens. Archives of Neurology, 2012, 69, 1132-40.	4.5	49
81	Transcriptome-wide miR-155 Binding Map Reveals Widespread Noncanonical MicroRNA Targeting. Molecular Cell, 2012, 48, 760-770.	9.7	290
82	De Novo Gene Disruptions in Children on the Autistic Spectrum. Neuron, 2012, 74, 285-299.	8.1	1,311
83	A call for transparent reporting to optimize the predictive value of preclinical research. Nature, 2012, 490, 187-191.	27.8	1,055
84	Neuronal Elav-like (Hu) Proteins Regulate RNA Splicing and Abundance to Control Glutamate Levels and Neuronal Excitability. Neuron, 2012, 75, 1067-1080.	8.1	190
85	Muscleblind-like 2-Mediated Alternative Splicing in the Developing Brain and Dysregulation in Myotonic Dystrophy. Neuron, 2012, 75, 437-450.	8.1	296
86	CLIP (Cross-Linking and Immunoprecipitation) Identification of RNAs Bound by a Specific Protein. Cold Spring Harbor Protocols, 2012, 2012, pdb.prot072132.	0.3	56
87	An alternative mode of microRNA target recognition. Nature Structural and Molecular Biology, 2012, 19, 321-327.	8.2	308
88	Ptbp2 represses adult-specific splicing to regulate the generation of neuronal precursors in the embryonic brain. Genes and Development, 2012, 26, 1626-1642.	5.9	171
89	Structure-function studies of FMRP RGG peptide recognition of an RNA duplex-quadruplex junction. Nature Structural and Molecular Biology, 2011, 18, 796-804.	8.2	205
90	FMRP Stalls Ribosomal Translocation on mRNAs Linked to Synaptic Function and Autism. Cell, 2011, 146, 247-261.	28.9	1,864

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91	Mapping in vivo protein-RNA interactions at single-nucleotide resolution from HITS-CLIP data. Nature Biotechnology, 2011, 29, 607-614.	17.5	384
92	Protein-RNA and Protein-Protein Recognition by Dual KH1/2 Domains of the Neuronal Splicing Factor Nova-1. Structure, 2011, 19, 930-944.	3.3	59
93	RNA regulation in Neurodegeneration and Cancer. Research and Perspectives in Alzheimer's Disease, 2011, , 103-111.	0.1	1
94	HITS LIP: panoramic views of protein–RNA regulation in living cells. Wiley Interdisciplinary Reviews RNA, 2010, 1, 266-286.	6.4	358
95	RNA processing and its regulation: global insights into biological networks. Nature Reviews Genetics, 2010, 11, 75-87.	16.3	639
96	The neuronal splicing factor Nova co-localizes with target RNAs in the dendrite. Frontiers in Neural Circuits, 2010, 4, 5.	2.8	57
97	The Onconeural Antigen cdr2 Is a Novel APC/C Target that Acts in Mitosis to Regulate C-Myc Target Genes in Mammalian Tumor Cells. PLoS ONE, 2010, 5, e10045.	2.5	32
98	Harnessing Naturally Occurring Tumor Immunity: A Clinical Vaccine Trial in Prostate Cancer. PLoS ONE, 2010, 5, e12367.	2.5	14
99	The neuronal splicing factor Nova controls alternative splicing in N-type and P-type Ca _V 2 calcium channels. Channels, 2010, 4, 483-489.	2.8	43
100	Nova2 Regulates Neuronal Migration through an RNA Switch in Disabled-1 Signaling. Neuron, 2010, 66, 848-858.	8.1	150
101	Integrative Modeling Defines the Nova Splicing-Regulatory Network and Its Combinatorial Controls. Science, 2010, 329, 439-443.	12.6	261
102	RNA Regulation in Neurologic Disease and Cancer. Cancer Research and Treatment, 2010, 42, 125.	3.0	39
103	Rescuing Z ⁺ agrin splicing in <i>Nova</i> null mice restores synapse formation and unmasks a physiologic defect in motor neuron firing. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3513-3518.	7.1	103
104	Discrimination of common and unique RNA-binding activities among Fragile X mental retardation protein paralogs. Human Molecular Genetics, 2009, 18, 3164-3177.	2.9	102
105	Autoimmune encephalopathy: The spectrum widens. Annals of Neurology, 2009, 66, 1-2.	5.3	10
106	Argonaute HITS-CLIP decodes microRNA–mRNA interaction maps. Nature, 2009, 460, 479-486.	27.8	1,651
107	A Mouse Model of the Human Fragile X Syndrome I304N Mutation. PLoS Genetics, 2009, 5, e1000758.	3.5	113
108	Patients with lung cancer and paraneoplastic Hu syndrome harbor HuD-specific type 2 CD8+ T cells. Journal of Clinical Investigation, 2009, 119, 2042-51.	8.2	83

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109	Tolerance to the Neuron-Specific Paraneoplastic HuD Antigen. PLoS ONE, 2009, 4, e5739.	2.5	24
110	HITS-CLIP yields genome-wide insights into brain alternative RNA processing. Nature, 2008, 456, 464-469.	27.8	1,245
111	CLIP: Crosslinking and ImmunoPrecipitation of In Vivo RNA Targets of RNA-Binding Proteins. Methods in Molecular Biology, 2008, 488, 85-98.	0.9	117
112	A T cell receptor associated with naturally occurring human tumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19073-19078.	7.1	37
113	Evolution of Nova-Dependent Splicing Regulation in the Brain. PLoS Genetics, 2007, 3, e173.	3.5	76
114	Dendritic-cell maturation alters intracellular signaling networks, enabling differential effects of IFN-α/β on antigen cross-presentation. Blood, 2007, 109, 1113-1122.	1.4	55
115	NMDA receptor as a target in paraneoplastic encephalitis. Annals of Neurology, 2007, 61, 3-4.	5.3	5
116	Functional and Mechanistic Insights From Genome-Wide Studies of Splicing Regulation in the Brain. Advances in Experimental Medicine and Biology, 2007, 623, 148-160.	1.6	20
117	Splicing Regulation in Neurologic Disease. Neuron, 2006, 52, 93-101.	8.1	221
118	Developing Global Insight into RNA Regulation. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 321-327.	1.1	34
119	An RNA map predicting Nova-dependent splicing regulation. Nature, 2006, 444, 580-586.	27.8	477
120	RNA binding proteins and the regulation of neuronal synaptic plasticity. Current Opinion in Neurobiology, 2006, 16, 102-110.	4.2	161
121	Paraneoplastic Syndromes Affecting the Nervous System. Seminars in Oncology, 2006, 33, 270-298.	2.2	153
122	IL-2 Is Required for the Activation of Memory CD8+ T Cells via Antigen Cross-Presentation. Journal of Immunology, 2006, 176, 7288-7300.	0.8	54
123	Nova regulates brain-specific splicing to shape the synapse. Nature Genetics, 2005, 37, 844-852.	21.4	447
124	Nova autoregulation reveals dual functions in neuronal splicing. EMBO Journal, 2005, 24, 1608-1620.	7.8	107
125	FMRP RNA targets: identification and validation. Genes, Brain and Behavior, 2005, 4, 341-349.	2.2	107
126	Apoptotic Cells Deliver Processed Antigen to Dendritic Cells for Cross-Presentation. PLoS Biology, 2005, 3, e185.	5.6	129

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127	Kissing complex RNAs mediate interaction between the Fragile-X mental retardation protein KH2 domain and brain polyribosomes. Genes and Development, 2005, 19, 903-918.	5.9	243
128	Alternative Splicing Microarrays Reveal Functional Expression of Neuron-specific Regulators in Hodgkin Lymphoma Cells. Journal of Biological Chemistry, 2005, 280, 4779-4784.	3.4	76
129	A new cause of limbic encephalopathy. Brain, 2005, 128, 1745-1746.	7.6	39
130	Common Molecular Pathways Mediate Long-Term Potentiation of Synaptic Excitation and Slow Synaptic Inhibition. Cell, 2005, 123, 105-118.	28.9	140
131	CLIP: A method for identifying protein–RNA interaction sites in living cells. Methods, 2005, 37, 376-386.	3.8	509
132	Evolution of Nova-dependent splicing regulation in the brain. PLoS Genetics, 2005, preprint, e173.	3.5	0
133	Tumor Immunity in Small-Cell Lung Cancer. Journal of Clinical Oncology, 2004, 22, 762-764.	1.6	5
134	Determination and augmentation of RNA sequence specificity of the Nova K-homology domains. Nucleic Acids Research, 2004, 32, 4852-4861.	14.5	25
135	Paraneoplastic Neurologic Disorders. Archives of Neurology, 2004, 61, 30.	4.5	56
136	Fragile X Mental Retardation Protein Is Associated with Translating Polyribosomes in Neuronal Cells. Journal of Neuroscience, 2004, 24, 7272-7276.	3.6	236
137	Paraneoplastic neurological degenerations: keys to tumour immunity. Nature Reviews Cancer, 2004, 4, 36-44.	28.4	154
138	Effective antigen cross-presentation by prostate cancer patients' dendritic cells: implications for prostate cancer immunotherapy. Prostate Cancer and Prostatic Diseases, 2004, 7, 63-72.	3.9	13
139	The fragile X mental retardation protein, FMRP, recognizes G-quartets. Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 49-52.	3.6	46
140	Neuroimmunology of the paraneoplastic neurological degenerations. Current Opinion in Immunology, 2004, 16, 616-622.	5.5	88
141	Sox21 is a repressor of neuronal differentiation and is antagonized by YB-1. Neuroscience Letters, 2004, 358, 157-160.	2.1	36
142	Paraneoplastic Syndromes. Handbook of Systemic Autoimmune Diseases, 2004, , 265-275.	0.1	0
143	Observing the invisible: successful tumor immunity in humans. Nature Immunology, 2003, 4, 201-201.	14.5	47
144	Memory, Synaptic Translation, and…Prions?. Cell, 2003, 115, 767-768.	28.9	13

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145	CLIP Identifies Nova-Regulated RNA Networks in the Brain. Science, 2003, 302, 1212-1215.	12.6	984
146	Paraneoplastic Syndromes Involving the Nervous System. New England Journal of Medicine, 2003, 349, 1543-1554.	27.0	912
147	Two ZBP1 KH domains facilitate β-actin mRNA localization, granule formation, and cytoskeletal attachment. Journal of Cell Biology, 2003, 160, 77-87.	5.2	233
148	Nova Regulates GABAA Receptor γ2 Alternative Splicing via a Distal Downstream UCAU-Rich Intronic Splicing Enhancer. Molecular and Cellular Biology, 2003, 23, 4687-4700.	2.3	108
149	The TRAP100 component of the TRAP/Mediator complex is essential in broad transcriptional events and development. EMBO Journal, 2002, 21, 3464-3475.	7.8	97
150	Paraneoplastic Neurologic Disease Antigens: RNA-Binding Proteins and Signaling Proteins in Neuronal Degeneration. Annual Review of Neuroscience, 2001, 24, 239-262.	10.7	95
151	Fragile X Mental Retardation Protein Targets G Quartet mRNAs Important for Neuronal Function. Cell, 2001, 107, 489-499.	28.9	878
152	Microarray Identification of FMRP-Associated Brain mRNAs and Altered mRNA Translational Profiles in Fragile X Syndrome. Cell, 2001, 107, 477-487.	28.9	1,033
153	Neuronal Signaling through Alternative Splicing: Some Exons CaRRE Science Signaling, 2001, 2001, pe2-pe2.	3.6	4
154	Dendritic cell maturation is required for the cross-tolerization of CD8+ T cells. Nature Immunology, 2001, 2, 1010-1017.	14.5	368
155	The splice of life: Alternative splicing and neurological disease. Nature Reviews Neuroscience, 2001, 2, 43-50.	10.2	139
156	Detection and treatment of activated T cells in the cerebrospinal fluid of patients with paraneoplastic cerebellar degeneration. Annals of Neurology, 2000, 47, 9-17.	5.3	248
157	cdr2-Specific CTLs are detected in the blood of all patients with paraneoplastic cerebellar degeneration analyzed. Annals of Neurology, 2000, 48, 270-270.	5.3	15
158	A brain-enriched polypyrimidine tract-binding protein antagonizes the ability of Nova to regulate neuron-specific alternative splicing. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6350-6355.	7.1	220
159	The tetranucleotide UCAY directs the specific recognition of RNA by the Nova K-homology 3 domain. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 5740-5745.	7.1	130
160	Nova-1 Regulates Neuron-Specific Alternative Splicing and Is Essential for Neuronal Viability. Neuron, 2000, 25, 359-371.	8.1	382
161	Involvement of the TRAP220 Component of the TRAP/SMCC Coactivator Complex in Embryonic Development and Thyroid Hormone Action. Molecular Cell, 2000, 5, 683-693.	9.7	276
162	Sequence-Specific RNA Binding by a Nova KH Domain. Cell, 2000, 100, 323-332.	28.9	307

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163	Detection and treatment of activated T cells in the cerebrospinal fluid of patients with paraneoplastic cerebellar degeneration. , 2000, 47, 9.		1
164	Mammalian ELAV-like neuronal RNA-binding proteins HuB and HuC promote neuronal development in both the central and the peripheral nervous systems. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9885-9890.	7.1	232
165	The Importance of Defining the Paraneoplastic Neurologic Disorders. New England Journal of Medicine, 1999, 340, 1831-1833.	27.0	32
166	Crystal structures of Nova-1 and Nova-2 K-homology RNA-binding domains. Structure, 1999, 7, 191-203.	3.3	103
167	Tumor-specific killer cells in paraneoplastic cerebellar degeneration. Nature Medicine, 1998, 4, 1321-1324.	30.7	451
168	Immunologic Complexity in Neurons. Neuron, 1998, 21, 947-950.	8.1	22
169	The neuronal RNA-binding protein Nova-2 is implicated as the autoantigen targeted in POMA patients with dementia. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13254-13259.	7.1	199
170	ATM binds to Â-adaptin in cytoplasmic vesicles. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10146-10151.	7.1	175
171	Mouse Chromosomal Locations of Nine Genes Encoding Homologs of Human Paraneoplastic Neurologic Disorder Antigens. Genomics, 1997, 45, 313-319.	2.9	19
172	A Post-Transcriptional Regulatory Mechanism Restricts Expression of the Paraneoplastic Cerebellar Degeneration Antigen cdr2 to Immune Privileged Tissues. Journal of Neuroscience, 1997, 17, 1406-1415.	3.6	110
173	A Hierarchy of Hu RNA Binding Proteins in Developing and Adult Neurons. Journal of Neuroscience, 1997, 17, 3024-3037.	3.6	347
174	Anatomic localization of alternatively spliced leptin receptors (Ob-R) in mouse brain and other tissues. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 7001-7005.	7.1	673
175	Onconeural antigens and the paraneoplastic neurologic disorders: at the intersection of cancer, immunity, and the brain Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4529-4536.	7.1	268
176	A novel adaptor-related protein complex Journal of Cell Biology, 1996, 133, 749-760.	5.2	225
177	β-NAP, a cerebellar degeneration antigen, is a neuron-specific vesicle coat protein. Cell, 1995, 82, 773-783.	28.9	156
178	The polymerase chain reaction: Application to nervous system disease. Annals of Neurology, 1993, 34, 513-523.	5.3	28
179	Regression of small-cell lung carcinoma in patients with paraneoplastic neuronal antibodies. Lancet, The, 1993, 341, 21-22.	13.7	248
180	Nova, the paraneoplastic Ri antigen, is homologous to an RNA-binding protein and is specifically expressed in the developing motor system. Neuron, 1993, 11, 657-672.	8.1	289

#	Article	IF	CITATIONS
181	The neuronal nuclear antigen recognized by the human anti-Ri autoantibody is expressed in central but not peripheral nervous system neurons. Neuroscience Letters, 1993, 150, 212-214.	2.1	43
182	A novel antineuronal antibody in stiffâ€man syndrome. Neurology, 1993, 43, 114-114.	1.1	30
183	Structure and Expression of Human Placental Hormone Genes. Advances in Experimental Medicine and Biology, 1986, 205, 267-280.	1.6	8
184	Expression and Structure of Human Placental Hormone Genes as a Function of Placental Development. Biology of Reproduction, 1982, 26, 73-91.	2.7	54