

# Jennifer Luethy Martindale

## List of Publications by Citations

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94  
papers

12,665  
citations

50  
h-index

97  
g-index

97  
ext. papers

14,140  
ext. citations

9.7  
avg. IF

6.07  
L-index

#	Paper	IF	Citations
94	Cellular response to oxidative stress: signaling for suicide and survival. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 192, 1-15	7	1825
93	Gadd153 sensitizes cells to endoplasmic reticulum stress by down-regulating Bcl2 and perturbing the cellular redox state. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 1249-59	4.8	1516
92	LincRNA-p21 suppresses target mRNA translation. <i>Molecular Cell</i> , <b>2012</b> , 47, 648-55	17.6	728
91	The cellular response to oxidative stress: influences of mitogen-activated protein kinase signalling pathways on cell survival. <i>Biochemical Journal</i> , <b>1998</b> , 333 ( Pt 2), 291-300	3.8	654
90	Requirement for ERK activation in cisplatin-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 39435-43	5.4	525
89	Identification of HuR target circular RNAs uncovers suppression of PABPN1 translation by CircPABPN1. <i>RNA Biology</i> , <b>2017</b> , 14, 361-369	4.8	440
88	HuR recruits let-7/RISC to repress c-Myc expression. <i>Genes and Development</i> , <b>2009</b> , 23, 1743-8	12.6	419
87	Concurrent versus individual binding of HuR and AUF1 to common labile target mRNAs. <i>EMBO Journal</i> , <b>2004</b> , 23, 3092-102	13	403
86	RNA-binding protein HuR enhances p53 translation in response to ultraviolet light irradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8354-9	11.5	377
85	Scaffold function of long non-coding RNA HOTAIR in protein ubiquitination. <i>Nature Communications</i> , <b>2013</b> , 4, 2939	17.4	301
84	Functional and morphometric brain dissociation between dyslexia and reading ability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 4234-9	11.5	300
83	miR-130 suppresses adipogenesis by inhibiting peroxisome proliferator-activated receptor gamma expression. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 626-38	4.8	265
82	RNA-binding proteins HuR and PTB promote the translation of hypoxia-inducible factor 1alpha. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 93-107	4.8	223
81	p16(INK4a) translation suppressed by miR-24. <i>PLoS ONE</i> , <b>2008</b> , 3, e1864	3.7	207
80	MKP-1 mRNA stabilization and translational control by RNA-binding proteins HuR and NF90. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 4562-75	4.8	190
79	Identification and functional outcome of mRNAs associated with RNA-binding protein TIA-1. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 9520-31	4.8	188
78	RNA binding activity of the recessive parkinsonism protein DJ-1 supports involvement in multiple cellular pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 10244-9	11.5	171

77	Analysis of turnover and translation regulatory RNA-binding protein expression through binding to cognate mRNAs. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 6265-78	4.8	169
76	Nuclear HuR accumulation through phosphorylation by Cdk1. <i>Genes and Development</i> , <b>2008</b> , 22, 1804-15	12.6	158
75	Identification of senescence-associated circular RNAs (SAC-RNAs) reveals senescence suppressor CircPVT1. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 4021-4035	20.1	156
74	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. <i>Aging Cell</i> , <b>2013</b> , 12, 890-900	9.0	147
73	Complexes containing activating transcription factor (ATF)/cAMP-responsive-element-binding protein (CREB) interact with the CCAAT/enhancer-binding protein (C/EBP)-ATF composite site to regulate Gadd153 expression during the stress response. <i>Biochemical Journal</i> , <b>1999</b> , 339, 135	3.8	120
72	hnRNP C promotes APP translation by competing with FMRP for APP mRNA recruitment to P bodies. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 732-9	17.6	119
71	Translational repression by RNA-binding protein TIAR. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 2716-27	4.8	119
70	HuR and GRSF1 modulate the nuclear export and mitochondrial localization of the lncRNA RMRP. <i>Genes and Development</i> , <b>2016</b> , 30, 1224-39	12.6	117
69	MicroRNA profiling in human diploid fibroblasts uncovers miR-519 role in replicative senescence. <i>Aging</i> , <b>2010</b> , 2, 333-43	5.6	109
68	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , <b>2014</b> , 5, 5248	17.4	108
67	Influence of the RNA-binding protein HuR in pVHL-regulated p53 expression in renal carcinoma cells. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 7083-95	4.8	104
66	Identification of senescent cell surface targetable protein DPP4. <i>Genes and Development</i> , <b>2017</b> , 31, 1529-1534	15.4	103
65	NF90 selectively represses the translation of target mRNAs bearing an AU-rich signature motif. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 225-38	20.1	94
64	Top3 $\beta$ is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 1238-47	25.5	92
63	7SL RNA represses p53 translation by competing with HuR. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 10099-111	20.1	87
62	Enhanced translation by Nucleolin via G-rich elements in coding and non-coding regions of target mRNAs. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 8513-30	20.1	85
61	Competitive regulation of nucleolin expression by HuR and miR-494. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 4219-31	4.8	81
60	Increased stability of the p16 mRNA with replicative senescence. <i>EMBO Reports</i> , <b>2005</b> , 6, 158-64	6.5	80

59	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. <i>Cell Reports</i> , <b>2017</b> , 20, 2408-2423	10.6	77
58	RNA-binding protein HuD controls insulin translation. <i>Molecular Cell</i> , <b>2012</b> , 45, 826-35	17.6	75
57	von Hippel-Lindau protein-mediated repression of tumor necrosis factor alpha translation revealed through use of cDNA arrays. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 2316-28	4.8	73
56	Translational control of TOP2A influences doxorubicin efficacy. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 3790-801	4.8	71
55	HuD regulates coding and noncoding RNA to induce APP-42 processing. <i>Cell Reports</i> , <b>2014</b> , 7, 1401-1409	10.6	70
54	Expression of the pro-apoptotic gene gadd153/chop is elevated in liver with aging and sensitizes cells to oxidant injury. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 16726-31	5.4	67
53	NSun2 Promotes Cell Growth via Elevating Cyclin-Dependent Kinase 1 Translation. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 4043-52	4.8	62
52	Involvement of Gadd153 in the pathogenic action of presenilin-1 mutations. <i>Journal of Neurochemistry</i> , <b>2002</b> , 83, 673-81	6	62
51	Global dissociation of HuR-mRNA complexes promotes cell survival after ionizing radiation. <i>EMBO Journal</i> , <b>2011</b> , 30, 1040-53	13	60
50	Increased MKK4 abundance with replicative senescence is linked to the joint reduction of multiple microRNAs. <i>Science Signaling</i> , <b>2009</b> , 2, ra69	8.8	60
49	Identification of a signature motif in target mRNAs of RNA-binding protein AUF1. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, 204-14	20.1	59
48	Tissue- and age-dependent expression of RNA-binding proteins that influence mRNA turnover and translation. <i>Aging</i> , <b>2009</b> , 1, 681-98	5.6	58
47	The oncogenic RNA-binding protein Musashi1 is regulated by HuR via mRNA translation and stability in glioblastoma cells. <i>Molecular Cancer Research</i> , <b>2012</b> , 10, 143-55	6.6	54
46	Polysome Fractionation to Analyze mRNA Distribution Profiles. <i>Bio-protocol</i> , <b>2017</b> , 7,	0.9	52
45	miR-29b represses intestinal mucosal growth by inhibiting translation of cyclin-dependent kinase 2. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 3038-46	3.5	50
44	Growth inhibition by miR-519 via multiple p21-inducing pathways. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 2530-48	4.8	45
43	Deficiency of ADAP/Fyb/SLAP-130 destabilizes SKAP55 in Jurkat T cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 23576-83	5.4	45
42	RNA topoisomerase is prevalent in all domains of life and associates with polyribosomes in animals. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 6335-49	20.1	44

41	Novel RNA-binding activity of MYF5 enhances Ccnd1/Cyclin D1 mRNA translation during myogenesis. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 2393-408	20.1	38
40	Differential stability of thymidylate synthase 3' untranslated region polymorphic variants regulated by AUF1. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23456-63	5.4	36
39	NF90 coordinately represses the senescence-associated secretory phenotype. <i>Aging</i> , <b>2012</b> , 4, 695-708	5.6	36
38	Tyrosine phosphorylation of HuR by JAK3 triggers dissociation and degradation of HuR target mRNAs. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 1196-208	20.1	35
37	circSamd4 represses myogenic transcriptional activity of PUR proteins. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 3789-3805	20.1	34
36	Alternative Splicing of Neuronal Differentiation Factor TRF2 Regulated by HNRNPH1/H2. <i>Cell Reports</i> , <b>2016</b> , 15, 926-934	10.6	34
35	RNA-Binding Protein Musashi1 Is a Central Regulator of Adhesion Pathways in Glioblastoma. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 2965-78	4.8	33
34	AUF1 promotes let-7b loading on Argonaute 2. <i>Genes and Development</i> , <b>2015</b> , 29, 1599-604	12.6	33
33	Posttranscriptional Regulation of the Inflammatory Marker C-Reactive Protein by the RNA-Binding Protein HuR and MicroRNA 637. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 4212-21	4.8	31
32	Post-transcriptional regulation of androgen receptor mRNA by an ErbB3 binding protein 1 in prostate cancer. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 3619-31	20.1	30
31	p(S6K) in the TORC1 pathway is essential for the differentiation of Th17 Cells, but not Th1, Th2, or Treg cells in mice. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 212-22	6.1	29
30	The RNA-binding protein HuD regulates autophagosome formation in pancreatic $\beta$ cells by promoting autophagy-related gene 5 expression. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 112-21	5.4	29
29	Novel RNA- and FMRP-binding protein TRF2-S regulates axonal mRNA transport and presynaptic plasticity. <i>Nature Communications</i> , <b>2015</b> , 6, 8888	17.4	27
28	RNA-binding protein AUF1 promotes myogenesis by regulating MEF2C expression levels. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 3106-19	4.8	27
27	SCAMP4 enhances the senescent cell secretome. <i>Genes and Development</i> , <b>2018</b> , 32, 909-914	12.6	26
26	miR-196b-mediated translation regulation of mouse insulin2 via the 5'UTR. <i>PLoS ONE</i> , <b>2014</b> , 9, e101084	3.7	25
25	Induction of VEGFA mRNA translation by CoCl <sub>2</sub> mediated by HuR. <i>RNA Biology</i> , <b>2015</b> , 12, 1121-30	4.8	24
24	Conditional knockout of the RNA-binding protein HuR in CD4+ T cells reveals a gene dosage effect on cytokine production. <i>Molecular Medicine</i> , <b>2014</b> , 20, 93-108	6.2	24

23	Novel RNA-binding protein P311 binds eukaryotic translation initiation factor 3 subunit b (eIF3b) to promote translation of transforming growth factor $\beta$ -3 (TGF- $\beta$ -3). <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 33971-83	5.4	23
22	Effects of aging and calorie restriction of Fischer 344 rats on hepatocellular response to proliferative signals. <i>Experimental Gerontology</i> , <b>2003</b> , 38, 431-9	4.5	22
21	AUF1 ligand circPCNX reduces cell proliferation by competing with p21 mRNA to increase p21 production. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 1631-1646	20.1	20
20	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 99, 225-233	7.8	18
19	The RNA-binding protein HuR contributes to neuroinflammation by promoting C-C chemokine receptor 6 (CCR6) expression on Th17 cells. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 14532-14543	5.4	16
18	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	16
17	Loss of RNA-binding protein GRSF1 activates mTOR to elicit a proinflammatory transcriptional program. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 2472-2486	20.1	14
16	En masse nascent transcription analysis to elucidate regulatory transcription factors. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 1492-500	20.1	13
15	Interaction of OIP5-AS1 with MEF2C mRNA promotes myogenic gene expression. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 12943-12956	20.1	13
14	Cooperative translational control of polymorphic BAFF by NF90 and miR-15a. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 12040-12051	20.1	11
13	En masse analysis of nascent translation using microarrays. <i>BioTechniques</i> , <b>2005</b> , 39, 61-2, 64, 66-7	2.5	10
12	NQO1 protects obese mice through improvements in glucose and lipid metabolism. <i>Npj Aging and Mechanisms of Disease</i> , <b>2020</b> , 6, 13	5.5	10
11	RNA-Binding Protein HuR Promotes Th17 Cell Differentiation and Can Be Targeted to Reduce Autoimmune Neuroinflammation. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2076-2087	5.3	9
10	GRSF1 suppresses cell senescence. <i>Aging</i> , <b>2018</b> , 10, 1856-1866	5.6	8
9	Loss of miR-451a enhances SPARC production during myogenesis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214301	3.7	7
8	LincRNA-p21 Suppresses Target mRNA Translation. <i>Molecular Cell</i> , <b>2013</b> , 50, 303	17.6	7
7	WIG1 is crucial for AGO2-mediated ACOT7 mRNA silencing via miRNA-dependent and -independent mechanisms. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 6894-6910	20.1	6
6	Atraumatic neck pain and rigidity: a case of calcific retropharyngeal tendonitis. <i>American Journal of Emergency Medicine</i> , <b>2012</b> , 30, 636.e1-2	2.9	6

5	NF90 regulation of immune factor expression in response to malaria antigens. <i>Cell Cycle</i> , <b>2019</b> , 18, 708-722	4.7	6
4	Reduction of lamin B receptor levels by miR-340-5p disrupts chromatin, promotes cell senescence and enhances senolysis. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 7389-7405	20.1	5
3	Acid ceramidase promotes senescent cell survival. <i>Aging</i> , <b>2021</b> , 13, 15750-15769	5.6	5
2	Early SRC activation skews cell fate from apoptosis to senescence.. <i>Science Advances</i> , <b>2022</b> , 8, eabm0756	14.3	3
1	Ribonucleoprotein Immunoprecipitation (RIP) Analysis. <i>Bio-protocol</i> , <b>2020</b> , 10, e3488	0.9	1