Jennifer Luethy Martindale

List of Publications by Year
in descending order

95	15,221	34016	38300
papers	citations	52 h-index	95 g-index

98	98	98	20993
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellular response to oxidative stress: Signaling for suicide and survival. Journal of Cellular Physiology, 2002, 192, 1-15.	2.0	2,053
2	Gadd153 Sensitizes Cells to Endoplasmic Reticulum Stress by Down-Regulating Bcl2 and Perturbing the Cellular Redox State. Molecular and Cellular Biology, 2001, 21, 1249-1259.	1.1	1,678
3	LincRNA-p21 Suppresses Target mRNA Translation. Molecular Cell, 2012, 47, 648-655.	4.5	876
4	The cellular response to oxidative stress: influences of mitogen-activated protein kinase signalling pathways on cell survival. Biochemical Journal, 1998, 333, 291-300.	1.7	701
5	Identification of HuR target circular RNAs uncovers suppression of PABPN1 translation by CircPABPN1. RNA Biology, 2017, 14, 361-369.	1.5	655
6	Requirement for ERK Activation in Cisplatin-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 39435-39443.	1.6	604
7	HuR recruits let-7/RISC to repress c-Myc expression. Genes and Development, 2009, 23, 1743-1748.	2.7	491
8	Concurrent versus individual binding of HuR and AUF1 to common labile target mRNAs. EMBO Journal, 2004, 23, 3092-3102.	3.5	438
9	RNA-binding protein HuR enhances p53 translation in response to ultraviolet light irradiation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8354-8359.	3.3	418
10	Scaffold function of long non-coding RNA HOTAIR in protein ubiquitination. Nature Communications, 2013, 4, 2939.	5.8	382
11	Functional and morphometric brain dissociation between dyslexia and reading ability. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4234-4239.	3.3	342
12	miR-130 Suppresses Adipogenesis by Inhibiting Peroxisome Proliferator-Activated Receptor Î³ Expression. Molecular and Cellular Biology, 2011, 31, 626-638.	1.1	329
13	RNA-Binding Proteins HuR and PTB Promote the Translation of Hypoxia-Inducible Factor 1Î±. Molecular and Cellular Biology, 2008, 28, 93-107.	1.1	257
14	p16INK4a Translation Suppressed by miR-24. PLoS ONE, 2008, 3, e1864.	1.1	231
15	Identification and Functional Outcome of mRNAs Associated with RNA-Binding Protein TIA-1. Molecular and Cellular Biology, 2005, 25, 9520-9531.	1.1	209
16	Identification of senescence-associated circular RNAs (SAC-RNAs) reveals senescence suppressor CircPVT1. Nucleic Acids Research, 2017, 45, 4021-4035.	6.5	205
17	MKP-1 mRNA Stabilization and Translational Control by RNA-Binding Proteins HuR and NF90. Molecular and Cellular Biology, 2008, 28, 4562-4575.	1.1	204
18	RNA binding activity of the recessive parkinsonism protein DJ-1 supports involvement in multiple cellular pathways. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10244-10249.	3.3	196

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19	Analysis of Turnover and Translation Regulatory RNA-Binding Protein Expression through Binding to Cognate mRNAs. Molecular and Cellular Biology, 2007, 27, 6265-6278.	1.1	191
20	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. Aging Cell, 2013, 12, 890-900.	3.0	184
21	Nuclear HuR accumulation through phosphorylation by Cdk1. Genes and Development, 2008, 22, 1804-1815.	2.7	181
22	HuR and GRSF1 modulate the nuclear export and mitochondrial localization of the lncRNA RMRP. Genes and Development, 2016, 30, 1224-1239.	2.7	176
23	Identification of senescent cell surface targetable protein DPP4. Genes and Development, 2017, 31, 1529-1534.	2.7	168
24	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. Nature Communications, 2014, 5, 5248.	5.8	156
25	hnRNP C promotes APP translation by competing with FMRP for APP mRNA recruitment to P bodies. Nature Structural and Molecular Biology, 2010, 17, 732-739.	3.6	146
26	Translational Repression by RNA-Binding Protein TIAR. Molecular and Cellular Biology, 2006, 26, 2716-2727.	1.1	138
27	Complexes containing activating transcription factor (ATF)/cAMP-responsive-element-binding protein (CREB) interact with the CCAAT/enhancer-binding protein (C/EBP)â€'ATF composite site to regulate Gadd153 expression during the stress response. Biochemical Journal, 1999, 339, 135.	1.7	125
28	Top3Î² is an RNA topoisomerase that works with fragile X syndrome protein to promote synapse formation. Nature Neuroscience, 2013, 16, 1238-1247.	7.1	124
29	MicroRNA profiling in human diploid fibroblasts uncovers miR-519 role in replicative senescence. Aging, 2010, 2, 333-343.	1.4	121
30	7SL RNA represses p53 translation by competing with HuR. Nucleic Acids Research, 2014, 42, 10099-10111.	6.5	121
31	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. Cell Reports, 2017, 20, 2408-2423.	2.9	120
32	Influence of the RNA-Binding Protein HuR in pVHL-Regulated p53 Expression in Renal Carcinoma Cells. Molecular and Cellular Biology, 2003, 23, 7083-7095.	1.1	112
33	Enhanced translation by Nucleolin via G-rich elements in coding and non-coding regions of target mRNAs. Nucleic Acids Research, 2011, 39, 8513-8530.	6.5	112
34	NF90 selectively represses the translation of target mRNAs bearing an AU-rich signature motif. Nucleic Acids Research, 2010, 38, 225-238.	6.5	103
35	Competitive Regulation of Nucleolin Expression by HuR and miR-494. Molecular and Cellular Biology, 2011, 31, 4219-4231.	1.1	102
36	Polysome Fractionation to Analyze mRNA Distribution Profiles. Bio-protocol, 2017, 7, .	0.2	102

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37	NSun2 Promotes Cell Growth via Elevating Cyclin-Dependent Kinase 1 Translation. Molecular and Cellular Biology, 2015, 35, 4043-4052.	1.1	93
38	Increased stability of the p16 mRNA with replicative senescence. EMBO Reports, 2005, 6, 158-164.	2.0	92
39	RNA-Binding Protein HuD Controls Insulin Translation. Molecular Cell, 2012, 45, 826-835.	4.5	92
40	HuD Regulates Coding and Noncoding RNA to Induce APPâ†'Aî² Processing. Cell Reports, 2014, 7, 1401-1409.	2.9	90
41	Translational Control of TOP2A Influences Doxorubicin Efficacy. Molecular and Cellular Biology, 2011, 31, 3790-3801.	1.1	85
42	von Hippel-Lindau Protein-Mediated Repression of Tumor Necrosis Factor Alpha Translation Revealed through Use of cDNA Arrays. Molecular and Cellular Biology, 2003, 23, 2316-2328.	1.1	76
43	Expression of the Pro-apoptotic Genegadd153/chop Is Elevated in Liver with Aging and Sensitizes Cells to Oxidant Injury. Journal of Biological Chemistry, 2003, 278, 16726-16731.	1.6	74
44	Global dissociation of HuR-mRNA complexes promotes cell survival after ionizing radiation. EMBO Journal, 2011, 30, 1040-1053.	3.5	74
45	Increased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAs. Science Signaling, 2009, 2, ra69.	1.6	71
46	Tissue- and age-dependent expression of RNA-binding proteins that influence mRNA turnover and translation. Aging, 2009, 1, 681-698.	1.4	71
47	Involvement of Gadd153 in the pathogenic action of presenilin-1 mutations. Journal of Neurochemistry, 2002, 83, 673-681.	2.1	67
48	The Oncogenic RNA-Binding Protein Musashi1 Is Regulated by HuR via mRNA Translation and Stability in Glioblastoma Cells. Molecular Cancer Research, 2012, 10, 143-155.	1.5	65
49	miR-29b represses intestinal mucosal growth by inhibiting translation of cyclin-dependent kinase 2. Molecular Biology of the Cell, 2013, 24, 3038-3046.	0.9	64
50	Identification of a signature motif in target mRNAs of RNA-binding protein AUF1. Nucleic Acids Research, 2009, 37, 204-214.	6.5	63
51	RNA topoisomerase is prevalent in all domains of life and associates with polyribosomes in animals. Nucleic Acids Research, 2016, 44, 6335-6349.	6.5	63
52	circSamd4 represses myogenic transcriptional activity of PUR proteins. Nucleic Acids Research, 2020, 48, 3789-3805.	6.5	60
53	Growth Inhibition by miR-519 via Multiple p21-Inducing Pathways. Molecular and Cellular Biology, 2012, 32, 2530-2548.	1.1	59
54	AUF1 ligand circPCNX reduces cell proliferation by competing with p21 mRNA to increase p21 production. Nucleic Acids Research, 2021, 49, 1631-1646.	6.5	56

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55	Alternative Splicing of Neuronal Differentiation Factor TRF2 Regulated by HNRNPH1/H2. Cell Reports, 2016, 15, 926-934.	2.9	55
56	Deficiency of ADAP/Fyb/SLAP-130 Destabilizes SKAP55 in Jurkat T Cells. Journal of Biological Chemistry, 2005, 280, 23576-23583.	1.6	52
57	Novel RNA-binding activity of MYF5 enhancesCcnd1/Cyclin D1mRNA translation during myogenesis. Nucleic Acids Research, 2016, 44, 2393-2408.	6.5	52
58	RNA-Binding Protein Musashi1 Is a Central Regulator of Adhesion Pathways in Glioblastoma. Molecular and Cellular Biology, 2015, 35, 2965-2978.	1.1	51
59	Tyrosine phosphorylation of HuR by JAK3 triggers dissociation and degradation of HuR target mRNAs. Nucleic Acids Research, 2014, 42, 1196-1208.	6.5	45
60	Differential Stability of Thymidylate Synthase 3â€²-Untranslated Region Polymorphic Variants Regulated by AUF1. Journal of Biological Chemistry, 2006, 281, 23456-23463.	1.6	44
61	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. ELife, 2020, 9, .	2.8	43
62	AUF1 promotes let-7b loading on Argonaute 2. Genes and Development, 2015, 29, 1599-1604.	2.7	41
63	NF90 coordinately represses the senescence-associated secretory phenotype. Aging, 2012, 4, 695-708.	1.4	40
64	RNA-Binding Protein AUF1 Promotes Myogenesis by Regulating MEF2C Expression Levels. Molecular and Cellular Biology, 2014, 34, 3106-3119.	1.1	39
65	Novel RNA-binding Protein P311 Binds Eukaryotic Translation Initiation Factor 3 Subunit b (eIF3b) to Promote Translation of Transforming Growth Factor Î²1-3 (TGF-Î²1-3). Journal of Biological Chemistry, 2014, 289, 33971-33983.	1.6	38
66	SCAMP4 enhances the senescent cell secretome. Genes and Development, 2018, 32, 909-914.	2.7	38
67	The RNA-binding Protein HuD Regulates Autophagosome Formation in Pancreatic Î² Cells by Promoting Autophagy-related Gene 5 Expression. Journal of Biological Chemistry, 2014, 289, 112-121.	1.6	37
68	Posttranscriptional Regulation of the Inflammatory Marker C-Reactive Protein by the RNA-Binding Protein HuR and MicroRNA 637. Molecular and Cellular Biology, 2015, 35, 4212-4221.	1.1	36
69	Post-transcriptional regulation of androgen receptor mRNA by an ErbB3 binding protein 1 in prostate cancer. Nucleic Acids Research, 2010, 38, 3619-3631.	6.5	35
70	Novel RNA- and FMRP-binding protein TRF2-S regulates axonal mRNA transport and presynaptic plasticity. Nature Communications, 2015, 6, 8888.	5.8	34
71	p^{70S6K1} in the TORC1 pathway is essential for the differentiation of Th17 Cells, but not Th1, Th2, or Treg cells in mice. European Journal of Immunology, 2016, 46, 212-222.	1.6	32
72	miR-196b-Mediated Translation Regulation of Mouse Insulin2 via the 5â€²UTR. PLoS ONE, 2014, 9, e101084.	1.1	31

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73	Induction of VEGFA mRNA translation by CoCl₂ mediated by HuR. RNA Biology, 2015, 12, 1121-1130.	1.5	30
74	Conditional Knockout of the RNA-Binding Protein HuR in CD4+ T Cells Reveals a Gene Dosage Effect on Cytokine Production. Molecular Medicine, 2014, 20, 93-108.	1.9	29
75	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. Free Radical Biology and Medicine, 2016, 99, 225-233.	1.3	28
76	Interaction of OIP5-AS1 with MEF2C mRNA promotes myogenic gene expression. Nucleic Acids Research, 2020, 48, 12943-12956.	6.5	28
77	Cooperative translational control of polymorphic BAFF by NF90 and miR-15a. Nucleic Acids Research, 2018, 46, 12040-12051.	6.5	27
78	The RNA-binding protein HuR contributes to neuroinflammation by promoting C-C chemokine receptor 6 (CCR6) expression on Th17 cells. Journal of Biological Chemistry, 2017, 292, 14532-14543.	1.6	26
79	Loss of RNA-binding protein GRSF1 activates mTOR to elicit a proinflammatory transcriptional program. Nucleic Acids Research, 2019, 47, 2472-2486.	6.5	25
80	Effects of aging and calorie restriction of Fischer 344 rats on hepatocellular response to proliferative signals. Experimental Gerontology, 2003, 38, 431-439.	1.2	23
81	RNA-Binding Protein HuR Promotes Th17 Cell Differentiation and Can Be Targeted to Reduce Autoimmune Neuroinflammation. Journal of Immunology, 2020, 204, 2076-2087.	0.4	22
82	Early SRC activation skews cell fate from apoptosis to senescence. Science Advances, 2022, 8, eabm0756.	4.7	22
83	NQO1 protects obese mice through improvements in glucose and lipid metabolism. Npj Aging and Mechanisms of Disease, 2020, 6, 13.	4.5	20
84	GRSF1 suppresses cell senescence. Aging, 2018, 10, 1856-1866.	1.4	19
85	En masse nascent transcription analysis to elucidate regulatory transcription factors. Nucleic Acids Research, 2006, 34, 1492-1500.	6.5	14
86	NF90 regulation of immune factor expression in response to malaria antigens. Cell Cycle, 2019, 18, 708-722.	1.3	14
87	Reduction of lamin B receptor levels by miR-340-5p disrupts chromatin, promotes cell senescence and enhances senolysis. Nucleic Acids Research, 2021, 49, 7389-7405.	6.5	14
88	En masse analysis of nascent translation using microarrays. BioTechniques, 2005, 39, 61-67.	0.8	11
89	Acid ceramidase promotes senescent cell survival. Aging, 2021, 13, 15750-15769.	1.4	11
90	LincRNA-p21 Suppresses Target mRNA Translation. Molecular Cell, 2013, 50, 303.	4.5	10

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91	WIG1 is crucial for AGO2-mediated ACOT7 mRNA silencing via miRNA-dependent and -independent mechanisms. Nucleic Acids Research, 2017, 45, 6894-6910.	6.5	9
92	Loss of miR-451a enhances SPARC production during myogenesis. PLoS ONE, 2019, 14, e0214301.	1.1	8
93	Ribonucleoprotein Immunoprecipitation (RIP) Analysis. Bio-protocol, 2020, 10, e3488.	0.2	8
94	Atraumatic neck pain and rigidity: a case of calcific retropharyngeal tendonitis. American Journal of Emergency Medicine, 2012, 30, 636.e1-636.e2.	0.7	7
95	Abstract 3163: Posttranscriptional regulation of androgen receptor mRNA by an ErbB3 binding protein 1 (EBP1) in prostate cancer. , 2010, , .		0