

Kotb abdelmohsen

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142
papers

16,514
citations

60
h-index

128
g-index

154
ext. papers

19,336
ext. citations

8.8
avg, IF

6.58
L-index

#	Paper	IF	Citations
142	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
141	LincRNA-p21 suppresses target mRNA translation. <i>Molecular Cell</i> , 2012 , 47, 648-55	17.6	728
140	CircInteractome: A web tool for exploring circular RNAs and their interacting proteins and microRNAs. <i>RNA Biology</i> , 2016 , 13, 34-42	4.8	604
139	Functional interactions among microRNAs and long noncoding RNAs. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 34, 9-14	7.5	456
138	Identification of HuR target circular RNAs uncovers suppression of PABPN1 translation by CircPABPN1. <i>RNA Biology</i> , 2017 , 14, 361-369	4.8	440
137	Phosphorylation of HuR by Chk2 regulates SIRT1 expression. <i>Molecular Cell</i> , 2007 , 25, 543-57	17.6	437
136	Posttranscriptional gene regulation by long noncoding RNA. <i>Journal of Molecular Biology</i> , 2013 , 425, 3723-30	6.5	416
135	miR-182-mediated downregulation of BRCA1 impacts DNA repair and sensitivity to PARP inhibitors. <i>Molecular Cell</i> , 2011 , 41, 210-20	17.6	355
134	Senolytic therapy alleviates Aβ-associated oligodendrocyte progenitor cell senescence and cognitive deficits in an Alzheimer's disease model. <i>Nature Neuroscience</i> , 2019 , 22, 719-728	25.5	315
133	Posttranscriptional regulation of cancer traits by HuR. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010 , 1, 214-293	9.3	305
132	Scaffold function of long non-coding RNA HOTAIR in protein ubiquitination. <i>Nature Communications</i> , 2013 , 4, 2939	17.4	301
131	microRNA expression patterns reveal differential expression of target genes with age. <i>PLoS ONE</i> , 2010 , 5, e10724	3.7	267
130	miR-130 suppresses adipogenesis by inhibiting peroxisome proliferator-activated receptor gamma expression. <i>Molecular and Cellular Biology</i> , 2011 , 31, 626-38	4.8	265
129	RNA in extracellular vesicles. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1413	9.3	245
128	RNA-binding proteins HuR and PTB promote the translation of hypoxia-inducible factor 1alpha. <i>Molecular and Cellular Biology</i> , 2008 , 28, 93-107	4.8	223
127	SRT1720 improves survival and healthspan of obese mice. <i>Scientific Reports</i> , 2011 , 1, 70	4.9	215
126	p16(INK4a) translation suppressed by miR-24. <i>PLoS ONE</i> , 2008 , 3, e1864	3.7	207

125	Cytoplasmic functions of long noncoding RNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018 , 9, e1471	9.3	202
124	Posttranscriptional gene regulation by RNA-binding proteins during oxidative stress: implications for cellular senescence. <i>Biological Chemistry</i> , 2008 , 389, 243-55	4.5	199
123	Posttranscriptional orchestration of an anti-apoptotic program by HuR. <i>Cell Cycle</i> , 2007 , 6, 1288-92	4.7	197
122	MKP-1 mRNA stabilization and translational control by RNA-binding proteins HuR and NF90. <i>Molecular and Cellular Biology</i> , 2008 , 28, 4562-75	4.8	190
121	Evidence for miR-181 involvement in neuroinflammatory responses of astrocytes. <i>Glia</i> , 2013 , 61, 1018-28		178
120	miR-519 reduces cell proliferation by lowering RNA-binding protein HuR levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20297-302	11.5	174
119	Analysis of turnover and translation regulatory RNA-binding protein expression through binding to cognate mRNAs. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6265-78	4.8	169
118	RNA-binding protein nucleolin in disease. <i>RNA Biology</i> , 2012 , 9, 799-808	4.8	165
117	Nuclear HuR accumulation through phosphorylation by Cdk1. <i>Genes and Development</i> , 2008 , 22, 1804-15	12.6	158
116	Identification of senescence-associated circular RNAs (SAC-RNAs) reveals senescence suppressor CircPVT1. <i>Nucleic Acids Research</i> , 2017 , 45, 4021-4035	20.1	156
115	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. <i>Aging Cell</i> , 2013 , 12, 890-900	9.0	147
114	Long noncoding RNAs(lncRNAs) and the molecular hallmarks of aging. <i>Aging</i> , 2014 , 6, 992-1009	5.6	137
113	LncRNA OIP5-AS1/cyano sponges RNA-binding protein HuR. <i>Nucleic Acids Research</i> , 2016 , 44, 2378-92	20.1	125
112	Ubiquitin-mediated proteolysis of HuR by heat shock. <i>EMBO Journal</i> , 2009 , 28, 1271-82	13	124
111	Posttranslational control of HuR function. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1372	9.3	119
110	hnRNP C promotes APP translation by competing with FMRP for APP mRNA recruitment to P bodies. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 732-9	17.6	119
109	HuR and GRSF1 modulate the nuclear export and mitochondrial localization of the lncRNA RMRP. <i>Genes and Development</i> , 2016 , 30, 1224-39	12.6	117
108	MicroRNA profiling in human diploid fibroblasts uncovers miR-519 role in replicative senescence. <i>Aging</i> , 2010 , 2, 333-43	5.6	109

107	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , 2014 , 5, 5248	17.4	108
106	miR-519 suppresses tumor growth by reducing HuR levels. <i>Cell Cycle</i> , 2010 , 9, 1354-9	4.7	108
105	High-purity circular RNA isolation method (RPAD) reveals vast collection of intronic circRNAs. <i>Nucleic Acids Research</i> , 2017 , 45, e116	20.1	107
104	Identification of senescent cell surface targetable protein DPP4. <i>Genes and Development</i> , 2017 , 31, 1529-1534	15.4	103
103	Emerging roles and context of circular RNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1386	9.3	99
102	miR-375 inhibits differentiation of neurites by lowering HuD levels. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4197-210	4.8	99
101	A BRCA1-interacting lncRNA regulates homologous recombination. <i>EMBO Reports</i> , 2015 , 16, 1520-34	6.5	95
100	MicroRegulators come of age in senescence. <i>Trends in Genetics</i> , 2011 , 27, 233-41	8.5	94
99	NF90 selectively represses the translation of target mRNAs bearing an AU-rich signature motif. <i>Nucleic Acids Research</i> , 2010 , 38, 225-38	20.1	94
98	Epidermal growth factor receptor is a common mediator of quinone-induced signaling leading to phosphorylation of connexin-43: role of glutathione and tyrosine phosphatases. <i>Journal of Biological Chemistry</i> , 2003 , 278, 38360-7	5.4	91
97	Age-associated miRNA alterations in skeletal muscle from rhesus monkeys reversed by caloric restriction. <i>Aging</i> , 2013 , 5, 692-703	5.6	91
96	7SL RNA represses p53 translation by competing with HuR. <i>Nucleic Acids Research</i> , 2014 , 42, 10099-111	20.1	87
95	Enhanced translation by Nucleolin via G-rich elements in coding and non-coding regions of target mRNAs. <i>Nucleic Acids Research</i> , 2011 , 39, 8513-30	20.1	85
94	Noncoding RNAs in Alzheimer's disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018 , 9, e1463	9.3	83
93	Posttranscriptional derepression of GADD45alpha by genotoxic stress. <i>Molecular Cell</i> , 2006 , 22, 117-28	17.6	82
92	Competitive regulation of nucleolin expression by HuR and miR-494. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4219-31	4.8	81
91	Circular RNAs in monkey muscle: age-dependent changes. <i>Aging</i> , 2015 , 7, 903-10	5.6	79
90	MICRORNA REGULATORS OF THE SENESCENCE TRANSCRIPTOME. <i>Innovation in Aging</i> , 2019 , 3, S835-S835	5.1	78

89	Translational control of TOP2A influences doxorubicin efficacy. <i>Molecular and Cellular Biology</i> , 2011 , 31, 3790-801	4.8	71
88	HuD regulates coding and noncoding RNA to induce APP- β processing. <i>Cell Reports</i> , 2014 , 7, 1401-1409	10.6	70
87	Transcriptome signature of cellular senescence. <i>Nucleic Acids Research</i> , 2019 , 47, 7294-7305	20.1	69
86	miR-431 promotes differentiation and regeneration of old skeletal muscle by targeting Smad4. <i>Genes and Development</i> , 2015 , 29, 1605-17	12.6	67
85	RNA-binding proteins implicated in the hypoxic response. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2759-69	5.6	63
84	Global dissociation of HuR-mRNA complexes promotes cell survival after ionizing radiation. <i>EMBO Journal</i> , 2011 , 30, 1040-53	13	60
83	Increased MKK4 abundance with replicative senescence is linked to the joint reduction of multiple microRNAs. <i>Science Signaling</i> , 2009 , 2, ra69	8.8	60
82	Long noncoding RNAs in diseases of aging. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 209-21	6	58
81	Noncoding RNA control of cellular senescence. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015 , 6, 615-29	9.3	57
80	2-Methyl-1,4-naphthoquinone, vitamin K(3), decreases gap-junctional intercellular communication via activation of the epidermal growth factor receptor/extracellular signal-regulated kinase cascade. <i>Cancer Research</i> , 2002 , 62, 4922-8	10.1	55
79	The oncogenic RNA-binding protein Musashi1 is regulated by HuR via mRNA translation and stability in glioblastoma cells. <i>Molecular Cancer Research</i> , 2012 , 10, 143-55	6.6	54
78	Regulation of HuR by DNA Damage Response Kinases. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	51
77	The human glucocorticoid receptor as an RNA-binding protein: global analysis of glucocorticoid receptor-associated transcripts and identification of a target RNA motif. <i>Journal of Immunology</i> , 2011 , 186, 1189-98	5.3	51
76	The RNA-binding protein HuR regulates DNA methylation through stabilization of DNMT3b mRNA. <i>Nucleic Acids Research</i> , 2009 , 37, 2658-71	20.1	50
75	RNA-binding protein AUF1 represses Dicer expression. <i>Nucleic Acids Research</i> , 2012 , 40, 11531-44	20.1	50
74	Growth inhibition by miR-519 via multiple p21-inducing pathways. <i>Molecular and Cellular Biology</i> , 2012 , 32, 2530-48	4.8	45
73	Targeted deletion of MKK4 in cancer cells: a detrimental phenotype manifests as decreased experimental metastasis and suggests a counterweight to the evolution of tumor-suppressor loss. <i>Cancer Research</i> , 2006 , 66, 5560-4	10.1	45
72	Mitochondrial noncoding RNA transport. <i>BMB Reports</i> , 2017 , 50, 164-174	5.5	43

71	SASP regulation by noncoding RNA. <i>Mechanisms of Ageing and Development</i> , 2017 , 168, 37-43	5.6	41
70	Regulation of HuR structure and function by dihydrotanshinone-I. <i>Nucleic Acids Research</i> , 2017 , 45, 9514-9527	5.27	41
69	Novel RNA-binding activity of MYF5 enhances Ccnd1/Cyclin D1 mRNA translation during myogenesis. <i>Nucleic Acids Research</i> , 2016 , 44, 2393-408	20.1	38
68	HuR regulates gap junctional intercellular communication by controlling beta-catenin levels and adherens junction integrity. <i>Hepatology</i> , 2009 , 50, 1567-76	11.2	36
67	Differential stability of thymidylate synthase 3' untranslated region polymorphic variants regulated by AUF1. <i>Journal of Biological Chemistry</i> , 2006 , 281, 23456-63	5.4	36
66	NF90 coordinately represses the senescence-associated secretory phenotype. <i>Aging</i> , 2012 , 4, 695-708	5.6	36
65	Tyrosine phosphorylation of HuR by JAK3 triggers dissociation and degradation of HuR target mRNAs. <i>Nucleic Acids Research</i> , 2014 , 42, 1196-208	20.1	35
64	Regulation of senescence by microRNA biogenesis factors. <i>Ageing Research Reviews</i> , 2012 , 11, 491-500	12	35
63	circSamd4 represses myogenic transcriptional activity of PUR proteins. <i>Nucleic Acids Research</i> , 2020 , 48, 3789-3805	20.1	34
62	Alternative Splicing of Neuronal Differentiation Factor TRF2 Regulated by HNRNPH1/H2. <i>Cell Reports</i> , 2016 , 15, 926-934	10.6	34
61	Role of RNA binding protein HuR in ductal carcinoma in situ of the breast. <i>Journal of Pathology</i> , 2011 , 224, 529-39	9.4	34
60	RNA-Binding Protein Musashi1 Is a Central Regulator of Adhesion Pathways in Glioblastoma. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2965-78	4.8	33
59	AUF1 promotes let-7b loading on Argonaute 2. <i>Genes and Development</i> , 2015 , 29, 1599-604	12.6	33
58	Survey of senescent cell markers with age in human tissues. <i>Aging</i> , 2020 , 12, 4052-4066	5.6	33
57	LncRNA OIP5-AS1/cyano suppresses GAK expression to control mitosis. <i>Oncotarget</i> , 2017 , 8, 49409-49439	3.9	33
56	Senescence-Associated MicroRNAs. <i>International Review of Cell and Molecular Biology</i> , 2017 , 334, 177-205		31
55	Circular RNAs in myogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020 , 1863, 194372	6	29
54	dCK expression correlates with 5-fluorouracil efficacy and HuR cytoplasmic expression in pancreatic cancer: a dual-institutional follow-up with the RTOG 9704 trial. <i>Cancer Biology and Therapy</i> , 2014 , 15, 688-98	4.6	28

53	Novel RNA- and FMRP-binding protein TRF2-S regulates axonal mRNA transport and presynaptic plasticity. <i>Nature Communications</i> , 2015 , 6, 8888	17.4	27
52	RNA-binding protein AUF1 promotes myogenesis by regulating MEF2C expression levels. <i>Molecular and Cellular Biology</i> , 2014 , 34, 3106-19	4.8	27
51	Regulation of senescence traits by MAPKs. <i>GeroScience</i> , 2020 , 42, 397-408	8.9	27
50	SCAMP4 enhances the senescent cell secretome. <i>Genes and Development</i> , 2018 , 32, 909-914	12.6	26
49	Analysis of Circular RNAs Using the Web Tool CirInteractome. <i>Methods in Molecular Biology</i> , 2018 , 1724, 43-56	1.4	25
48	Modulation of cancer traits by tumor suppressor microRNAs. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 1822-42	6.3	25
47	miR-196b-mediated translation regulation of mouse insulin2 via the 5RTR. <i>PLoS ONE</i> , 2014 , 9, e101084	3.7	25
46	Induction of VEGFA mRNA translation by CoCl ₂ mediated by HuR. <i>RNA Biology</i> , 2015 , 12, 1121-30	4.8	24
45	RNA binding protein HuR regulates the expression of ABCA1. <i>Journal of Lipid Research</i> , 2014 , 55, 1066-76	6.3	24
44	Conditional knockout of the RNA-binding protein HuR in CD4+ T cells reveals a gene dosage effect on cytokine production. <i>Molecular Medicine</i> , 2014 , 20, 93-108	6.2	24
43	Paradoxical microRNAs: individual gene repressors, global translation enhancers. <i>Cell Cycle</i> , 2011 , 10, 751-9	4.7	24
42	RNA-binding proteins regulate cell respiration and coenzyme Q biosynthesis by post-transcriptional regulation of COQ7. <i>RNA Biology</i> , 2016 , 13, 622-34	4.8	23
41	Novel MicroRNA Reporter Uncovers Repression of Let-7 by GSK-3β. <i>PLoS ONE</i> , 2013 , 8, e66330	3.7	23
40	Signaling effects of menadione: from tyrosine phosphatase inactivation to connexin phosphorylation. <i>Methods in Enzymology</i> , 2004 , 378, 258-72	1.7	23
39	Doxorubicin induces EGF receptor-dependent downregulation of gap junctional intercellular communication in rat liver epithelial cells. <i>Biological Chemistry</i> , 2005 , 386, 217-23	4.5	23
38	AUF1 ligand circPCNX reduces cell proliferation by competing with p21 mRNA to increase p21 production. <i>Nucleic Acids Research</i> , 2021 , 49, 1631-1646	20.1	20
37	mRNA methylation in cell senescence. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019 , 10, e1547	9.3	19
36	Posttranscriptional regulation of insulin family ligands and receptors. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 19202-29	6.3	19

35	RT-qPCR Detection of Senescence-Associated Circular RNAs. <i>Methods in Molecular Biology</i> , 2017 , 1534, 79-87	1.4	18
34	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 225-233	7.8	18
33	Activation of β -adrenergic receptor by (R,R)-4Rmethoxy-1-naphthylfenoterol inhibits proliferation and motility of melanoma cells. <i>Cellular Signalling</i> , 2015 , 27, 997-1007	4.9	17
32	Methods for analysis of circular RNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020 , 11, e1566	9.3	17
31	A Circular RNA from the Locus Controls Cell Cycle Progression by Suppressing p53 Levels. <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	14
30	Epidermal growth factor- and stress-induced loss of gap junctional communication is mediated by ERK-1/ERK-2 but not ERK-5 in rat liver epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 313-7	3.4	14
29	Dicumarol is a potent reversible inhibitor of gap junctional intercellular communication. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 434, 241-7	4.1	14
28	Loss of RNA-binding protein GRSF1 activates mTOR to elicit a proinflammatory transcriptional program. <i>Nucleic Acids Research</i> , 2019 , 47, 2472-2486	20.1	14
27	Interaction of OIP5-AS1 with MEF2C mRNA promotes myogenic gene expression. <i>Nucleic Acids Research</i> , 2020 , 48, 12943-12956	20.1	13
26	Intracellular RNA-tracking methods. <i>Open Biology</i> , 2018 , 8,	7	12
25	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020 , 12, 24484-24503	5.6	11
24	Cooperative translational control of polymorphic BAFF by NF90 and miR-15a. <i>Nucleic Acids Research</i> , 2018 , 46, 12040-12051	20.1	11
23	Impact of pyrrolidine dithiocarbamate and interleukin-6 on mammalian target of rapamycin complex 1 regulation and global protein translation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 905-13	4.7	10
22	NQO1 protects obese mice through improvements in glucose and lipid metabolism. <i>Npj Aging and Mechanisms of Disease</i> , 2020 , 6, 13	5.5	10
21	Mitochondrial RNA in Alzheimer's Disease Circulating Extracellular Vesicles. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 581882	5.7	9
20	RNA-Binding Protein HuR Promotes Th17 Cell Differentiation and Can Be Targeted to Reduce Autoimmune Neuroinflammation. <i>Journal of Immunology</i> , 2020 , 204, 2076-2087	5.3	9
19	Theoretical proposal: allele dosage of MAP2K4/MKK4 could rationalize frequent 17p loss in diverse human cancers. <i>Cell Cycle</i> , 2006 , 5, 1090-3	4.7	9
18	GRSF1 suppresses cell senescence. <i>Aging</i> , 2018 , 10, 1856-1866	5.6	8

17	Loss of miR-451a enhances SPARC production during myogenesis. <i>PLoS ONE</i> , 2019 , 14, e0214301	3.7	7
16	LincRNA-p21 Suppresses Target mRNA Translation. <i>Molecular Cell</i> , 2013 , 50, 303	17.6	7
15	NF90 regulation of immune factor expression in response to malaria antigens. <i>Cell Cycle</i> , 2019 , 18, 708-722	4.7	6
14	Reduction of lamin B receptor levels by miR-340-5p disrupts chromatin, promotes cell senescence and enhances senolysis. <i>Nucleic Acids Research</i> , 2021 , 49, 7389-7405	20.1	5
13	Acid ceramidase promotes senescent cell survival. <i>Aging</i> , 2021 , 13, 15750-15769	5.6	5
12	The Emergence of Senescent Surface Biomarkers as Senotherapeutic Targets. <i>Cells</i> , 2021 , 10,	7.9	5
11	Modulation of Gene Expression by RNA Binding Proteins: mRNA Stability and Translation 2012 ,		3
10	Identification of gingerenone A as a novel senolytic compound.. <i>PLoS ONE</i> , 2022 , 17, e0266135	3.7	3
9	Early SRC activation skews cell fate from apoptosis to senescence.. <i>Science Advances</i> , 2022 , 8, eabm075614.3	14.3	3
8	miR-182-Mediated Downregulation of BRCA1 Impacts DNA Repair and Sensitivity to PARP Inhibitors. <i>Molecular Cell</i> , 2014 , 53, 162-163	17.6	2
7	Identification of atrial-enriched lncRNA Walras linked to cardiomyocyte cytoarchitecture and atrial fibrillation. <i>FASEB Journal</i> , 2022 , 36, e22051	0.9	1
6	Cooperative Translational Control of Polymorphic BAFF by NF90 and miR-15a. <i>SSRN Electronic Journal</i> ,	1	1
5	miRNA-Based Ovarian Cancer Diagnosis and Therapy 2014 , 115-127		1
4	Evolutionarily Selected Overexpression of the Cytokine BAFF Enhances Mucosal Immune Response Against. <i>Frontiers in Immunology</i> , 2020 , 11, 575103	8.4	1
3	Senescence lncRNAs govern cell surface components: lncRNA-OIS1 transcriptionally elevates DPP4. <i>Non-coding RNA Investigation</i> , 2019 , 3, 6-6	0.6	1
2	Systematic identification of NF90 target RNAs by iCLIP analysis.. <i>Scientific Reports</i> , 2022 , 12, 364	4.9	0
1	Response to Comment on "Increased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAs". <i>Science Signaling</i> , 2010 , 3, lc2-lc2	8.8	