Kotb abdelmohsen

List of Publications by Year
in descending order

149 papers	21,190 citations	17440 63 h-index	9861 141 g-index
154 all docs	154 docs citations	154 times ranked	33287 citing authors

#	Article	IF	Citations
1	Identification of atrialâ€enriched lncRNA Walras linked to cardiomyocyte cytoarchitecture and atrial fibrillation. FASEB Journal, 2022, 36, e22051.	0.5	5
2	Systematic identification of NF90 target RNAs by iCLIP analysis. Scientific Reports, 2022, 12, 364.	3.3	3
3	Alternative Polyadenylation Utilization Results in Ribosome Assembly and mRNA Translation Deficiencies in a Model for Muscle Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1130-1140.	3.6	3
4	Identification of gingerenone A as a novel senolytic compound. PLoS ONE, 2022, 17, e0266135.	2.5	13
5	Early SRC activation skews cell fate from apoptosis to senescence. Science Advances, 2022, 8, eabm0756.	10.3	22
6	LncRNA OIP5-AS1-directed miR-7 degradation promotes MYMX production during human myogenesis. Nucleic Acids Research, 2022, 50, 7115-7133.	14.5	10
7	AUF1 ligand circPCNX reduces cell proliferation by competing with p21 mRNA to increase p21 production. Nucleic Acids Research, 2021, 49, 1631-1646.	14.5	56
8	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.	14.5	14
9	Acid ceramidase promotes senescent cell survival. Aging, 2021, 13, 15750-15769.	3.1	11
10	The Emergence of Senescent Surface Biomarkers as Senotherapeutic Targets. Cells, 2021, 10, 1740.	4.1	28
11	Circular RNAs in myogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194372.	1.9	53
12	Methods for analysis of circular RNAs. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1566.	6.4	34
13	NQO1 protects obese mice through improvements in glucose and lipid metabolism. Npj Aging and Mechanisms of Disease, 2020, 6, 13.	4.5	20
14	Interaction of OIP5-AS1 with MEF2C mRNA promotes myogenic gene expression. Nucleic Acids Research, 2020, 48, 12943-12956.	14.5	28
15	Evolutionarily Selected Overexpression of the Cytokine BAFF Enhances Mucosal Immune Response Against P. falciparum. Frontiers in Immunology, 2020, 11, 575103.	4.8	4
16	Mitochondrial RNA in Alzheimerâ€™s Disease Circulating Extracellular Vesicles. Frontiers in Cell and Developmental Biology, 2020, 8, 581882.	3.7	31
17	RNA-Binding Protein HuR Promotes Th17 Cell Differentiation and Can Be Targeted to Reduce Autoimmune Neuroinflammation. Journal of Immunology, 2020, 204, 2076-2087.	0.8	22
18	Noncoding RNAs in control of gene expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194520.	1.9	1

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19	A Circular RNA from the MDM2 Locus Controls Cell Cycle Progression by Suppressing p53 Levels. Molecular and Cellular Biology, 2020, 40, .	2.3	21
20	circSamd4 represses myogenic transcriptional activity of PUR proteins. Nucleic Acids Research, 2020, 48, 3789-3805.	14.5	60
21	Regulation of senescence traits by MAPKs. GeroScience, 2020, 42, 397-408.	4.6	84
22	Survey of senescent cell markers with age in human tissues. Aging, 2020, 12, 4052-4066.	3.1	88
23	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	3.1	32
24	Transcriptome signature of cellular senescence. Nucleic Acids Research, 2019, 47, 7294-7305.	14.5	185
25	Loss of miR-451a enhances SPARC production during myogenesis. PLoS ONE, 2019, 14, e0214301.	2.5	8
26	mRNA methylation in cell senescence. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1547.	6.4	35
27	Senolytic therapy alleviates AÎ²-associated oligodendrocyte progenitor cell senescence and cognitive deficits in an Alzheimerâ€™s disease model. Nature Neuroscience, 2019, 22, 719-728.	14.8	577
28	NF90 regulation of immune factor expression in response to malaria antigens. Cell Cycle, 2019, 18, 708-722.	2.6	14
29	Loss of RNA-binding protein GRSF1 activates mTOR to elicit a proinflammatory transcriptional program. Nucleic Acids Research, 2019, 47, 2472-2486.	14.5	25
30	MICRORNA REGULATORS OF THE SENESCENCE TRANSCRIPTOME. Innovation in Aging, 2019, 3, S835-S835.	0.1	0
31	Cytoplasmic functions of long noncoding RNAs. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1471.	6.4	327
32	Noncoding RNAs in Alzheimer's disease. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1463.	6.4	144
33	Analysis of Circular RNAs Using the Web Tool CircInteractome. Methods in Molecular Biology, 2018, 1724, 43-56.	0.9	40
34	GRSF1 suppresses cell senescence. Aging, 2018, 10, 1856-1866.	3.1	19
35	Cooperative translational control of polymorphic BAFF by NF90 and miR-15a. Nucleic Acids Research, 2018, 46, 12040-12051.	14.5	27
36	Intracellular RNA-tracking methods. Open Biology, 2018, 8, 180104.	3.6	28

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37	SCAMP4 enhances the senescent cell secretome. Genes and Development, 2018, 32, 909-914.	5.9	38
38	Posttranslational control of <scp>HuR</scp> function. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1372.	6.4	184
39	Identification of HuR target circular RNAs uncovers suppression of PABPN1 translation by CircPABPN1. RNA Biology, 2017, 14, 361-369.	3.1	655
40	<scp>RNA</scp> in extracellular vesicles. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1413.	6.4	363
41	SASP regulation by noncoding RNA. Mechanisms of Ageing and Development, 2017, 168, 37-43.	4.6	66
42	High-purity circular RNA isolation method (RPAD) reveals vast collection of intronic circRNAs. Nucleic Acids Research, 2017, 45, e116-e116.	14.5	155
43	Identification of senescence-associated circular RNAs (SAC-RNAs) reveals senescence suppressor CircPVT1. Nucleic Acids Research, 2017, 45, 4021-4035.	14.5	205
44	Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527.	14.5	64
45	Identification of senescent cell surface targetable protein DPP4. Genes and Development, 2017, 31, 1529-1534.	5.9	168
46	Senescence-Associated MicroRNAs. International Review of Cell and Molecular Biology, 2017, 334, 177-205.	3.2	58
47	RT-qPCR Detection of Senescence-Associated Circular RNAs. Methods in Molecular Biology, 2017, 1534, 79-87.	0.9	28
48	Emerging roles and context of circular <scp>RNAs</scp>. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1386.	6.4	127
49	Mitochondrial noncoding RNA transport. BMB Reports, 2017, 50, 164-174.	2.4	49
50	LncRNA OIP5-AS1/cyrano suppresses GAK expression to control mitosis. Oncotarget, 2017, 8, 49409-49420.	1.8	34
51	Abstract IA04: Control of cell senescence by cancer-associated protein HuR and target noncoding RNAs. , 2017, , .		0
52	HuR and GRSF1 modulate the nuclear export and mitochondrial localization of the lncRNA RMRP. Genes and Development, 2016, 30, 1224-1239.	5.9	176
53	Novel RNA-binding activity of NQO1 promotes SERPINA1 mRNA translation. Free Radical Biology and Medicine, 2016, 99, 225-233.	2.9	28
54	Alternative Splicing of Neuronal Differentiation Factor TRF2 Regulated by HNRNPH1/H2. Cell Reports, 2016, 15, 926-934.	6.4	55

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55	RNA-binding proteins regulate cell respiration and coenzyme Q biosynthesis by post-transcriptional regulation of COQ7. RNA Biology, 2016, 13, 622-634.	3.1	28
56	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
57	CircInteractome: A web tool for exploring circular RNAs and their interacting proteins and microRNAs. RNA Biology, 2016, 13, 34-42.	3.1	914
58	LncRNAOIP5-AS1/cyranosponges RNA-binding protein HuR. Nucleic Acids Research, 2016, 44, 2378-2392.	14.5	158
59	Novel RNA-binding activity of MYF5 enhancesCcnd1/Cyclin D1mRNA translation during myogenesis. Nucleic Acids Research, 2016, 44, 2393-2408.	14.5	52
60	Long noncoding RNAs in diseases of aging. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 209-221.	1.9	70
61	Abstract PR03: A lncRNA regulates DNA repair by homologous recombination. , 2016, , .		0
62	A <scp>BRCA</scp> 1â€interacting lnc <scp>RNA</scp> regulates homologous recombination. EMBO Reports, 2015, 16, 1520-1534.	4.5	126
63	Noncoding <scp>RNA</scp> control of cellular senescence. Wiley Interdisciplinary Reviews RNA, 2015, 6, 615-629.	6.4	71
64	Circular RNAs in monkey muscle: age-dependent changes. Aging, 2015, 7, 903-910.	3.1	104
65	miR-431 promotes differentiation and regeneration of old skeletal muscle by targeting Smad4. Genes and Development, 2015, 29, 1605-1617.	5.9	93
66	RNA-Binding Protein Musashi1 Is a Central Regulator of Adhesion Pathways in Glioblastoma. Molecular and Cellular Biology, 2015, 35, 2965-2978.	2.3	51
67	Activation of Î²2-adrenergic receptor by (R,Râ€²)-4â€²-methoxy-1-naphthylfenoterol inhibits proliferation and motility of melanoma cells. Cellular Signalling, 2015, 27, 997-1007.	3.6	21
68	AUF1 promotes let-7b loading on Argonaute 2. Genes and Development, 2015, 29, 1599-1604.	5.9	41
69	Induction of VEGFA mRNA translation by CoCl₂ mediated by HuR. RNA Biology, 2015, 12, 1121-1130.	3.1	30
70	Novel RNA- and FMRP-binding protein TRF2-S regulates axonal mRNA transport and presynaptic plasticity. Nature Communications, 2015, 6, 8888.	12.8	34
71	miR-196b-Mediated Translation Regulation of Mouse Insulin2 via the 5â€²UTR. PLoS ONE, 2014, 9, e101084.	2.5	31
72	Long noncoding RNAs (lncRNAs) and the molecular hallmarks of aging. Aging, 2014, 6, 992-1009.	3.1	189

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73	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.	4.4	29
74	Tyrosine phosphorylation of HuR by JAK3 triggers dissociation and degradation of HuR target mRNAs. Nucleic Acids Research, 2014, 42, 1196-1208.	14.5	45
75	dCK expression correlates with 5-fluorouracil efficacy and HuR cytoplasmic expression in pancreatic cancer. Cancer Biology and Therapy, 2014, 15, 688-698.	3.4	39
76	7SL RNA represses p53 translation by competing with HuR. Nucleic Acids Research, 2014, 42, 10099-10111.	14.5	121
77	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. Nature Communications, 2014, 5, 5248.	12.8	156
78	RNA binding protein HuR regulates the expression of ABCA1. Journal of Lipid Research, 2014, 55, 1066-1076.	4.2	33
79	RNA-Binding Protein AUF1 Promotes Myogenesis by Regulating MEF2C Expression Levels. Molecular and Cellular Biology, 2014, 34, 3106-3119.	2.3	39
80	Functional interactions among microRNAs and long noncoding RNAs. Seminars in Cell and Developmental Biology, 2014, 34, 9-14.	5.0	561
81	HuD Regulates Coding and Noncoding RNA to Induce APPâ†'Aî² Processing. Cell Reports, 2014, 7, 1401-1409.	6.4	90
82	miRNA-Based Ovarian Cancer Diagnosis and Therapy. , 2014, , 115-127.		1
83	Scaffold function of long non-coding RNA HOTAIR in protein ubiquitination. Nature Communications, 2013, 4, 2939.	12.8	382
84	Posttranscriptional Gene Regulation by Long Noncoding RNA. Journal of Molecular Biology, 2013, 425, 3723-3730.	4.2	517
85	Modulation of Cancer Traits by Tumor Suppressor microRNAs. International Journal of Molecular Sciences, 2013, 14, 1822-1842.	4.1	27
86	Evidence for miRâ€181 involvement in neuroinflammatory responses of astrocytes. Glia, 2013, 61, 1018-1028.	4.9	208
87	LincRNA-p21 Suppresses Target mRNA Translation. Molecular Cell, 2013, 50, 303.	9.7	10
88	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. Aging Cell, 2013, 12, 890-900.	6.7	184
89	Posttranscriptional Regulation of Insulin Family Ligands and Receptors. International Journal of Molecular Sciences, 2013, 14, 19202-19229.	4.1	20
90	Novel MicroRNA Reporter Uncovers Repression of Let-7 by GSK-3Î². PLoS ONE, 2013, 8, e66330.	2.5	25

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91	Age-associated miRNA Alterations in Skeletal Muscle from Rhesus Monkeys reversed by caloric restriction. Aging, 2013, 5, 692-703.	3.1	104
92	RNA-binding protein AUF1 represses Dicer expression. Nucleic Acids Research, 2012, 40, 11531-11544.	14.5	61
93	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.	3.4	65
94	LincRNA-p21 Suppresses Target mRNA Translation. Molecular Cell, 2012, 47, 648-655.	9.7	876
95	Regulation of senescence by microRNA biogenesis factors. Ageing Research Reviews, 2012, 11, 491-500.	10.9	37
96	RNA-binding protein nucleolin in disease. RNA Biology, 2012, 9, 799-808.	3.1	219
97	Modulation of Gene Expression by RNA Binding Proteins: mRNA Stability and Translation. , 2012, , .		4
98	Growth Inhibition by miR-519 via Multiple p21-Inducing Pathways. Molecular and Cellular Biology, 2012, 32, 2530-2548.	2.3	59
99	NF90 coordinately represses the senescence-associated secretory phenotype. Aging, 2012, 4, 695-708.	3.1	40
100	Enhanced translation by Nucleolin via G-rich elements in coding and non-coding regions of target mRNAs. Nucleic Acids Research, 2011, 39, 8513-8530.	14.5	112
101	Glucocorticoid (GC) Modulation of Global miRNA Profile in Human Airway Epithelial Cells. Journal of Allergy and Clinical Immunology, 2011, 127, AB64-AB64.	2.9	2
102	miR-182-Mediated Downregulation of BRCA1 Impacts DNA Repair and Sensitivity to PARP Inhibitors. Molecular Cell, 2011, 41, 210-220.	9.7	409
103	SRT1720 improves survival and healthspan of obese mice. Scientific Reports, 2011, 1, 70.	3.3	249
104	Global dissociation of HuR-mRNA complexes promotes cell survival after ionizing radiation. EMBO Journal, 2011, 30, 1040-1053.	7.8	74
105	MicroRegulators come of age in senescence. Trends in Genetics, 2011, 27, 233-241.	6.7	102
106	Role of RNA binding protein HuR in ductal carcinoma in situ of the breast. Journal of Pathology, 2011, 224, 529-539.	4.5	38
107	Senescence-associated microRNAs linked to tumorigenesis. Cell Cycle, 2011, 10, 3211-3212.	2.6	8
108	The Human Glucocorticoid Receptor as an RNA-Binding Protein: Global Analysis of Glucocorticoid Receptor-Associated Transcripts and Identification of a Target RNA Motif. Journal of Immunology, 2011, 186, 1189-1198.	0.8	61

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109	miR-130 Suppresses Adipogenesis by Inhibiting Peroxisome Proliferator-Activated Receptor Î³ Expression. Molecular and Cellular Biology, 2011, 31, 626-638.	2.3	329
110	Competitive Regulation of Nucleolin Expression by HuR and miR-494. Molecular and Cellular Biology, 2011, 31, 4219-4231.	2.3	102
111	Paradoxical microRNAs. Cell Cycle, 2011, 10, 751-759.	2.6	26
112	Translational Control of TOP2A Influences Doxorubicin Efficacy. Molecular and Cellular Biology, 2011, 31, 3790-3801.	2.3	85
113	Impact of Pyrrolidine Dithiocarbamate and Interleukin-6 on Mammalian Target of Rapamycin Complex 1 Regulation and Global Protein Translation. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 905-913.	2.5	10
114	Posttranscriptional regulation of cancer traits by HuR. Wiley Interdisciplinary Reviews RNA, 2010, 1, 214-229.	6.4	361
115	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.	8.2	146
116	microRNA Expression Patterns Reveal Differential Expression of Target Genes with Age. PLoS ONE, 2010, 5, e10724.	2.5	304
117	Regulation of HuR by DNA Damage Response Kinases. Journal of Nucleic Acids, 2010, 2010, 1-8.	1.2	57
118	MicroRNA profiling in human diploid fibroblasts uncovers miR-519 role in replicative senescence. Aging, 2010, 2, 333-343.	3.1	121
119	miR-375 Inhibits Differentiation of Neurites by Lowering HuD Levels. Molecular and Cellular Biology, 2010, 30, 4197-4210.	2.3	119
120	NF90 selectively represses the translation of target mRNAs bearing an AU-rich signature motif. Nucleic Acids Research, 2010, 38, 225-238.	14.5	103
121	miR-519 suppresses tumor growth by reducing HuR levels. Cell Cycle, 2010, 9, 1354-1359.	2.6	117
122	Response to Comment on â€œIncreased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAsâ€• Science Signaling, 2010, 3, .	3.6	0
123	Increased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAs. Science Signaling, 2009, 2, ra69.	3.6	71
124	The RNA-binding protein HuR regulates DNA methylation through stabilization of DNMT3b mRNA. Nucleic Acids Research, 2009, 37, 2658-2671.	14.5	56
125	RNAâ€binding proteins implicated in the hypoxic response. Journal of Cellular and Molecular Medicine, 2009, 13, 2759-2769.	3.6	66
126	HuR regulates gap junctional intercellular communication by controlling Î²-catenin levels and adherens junction integrity. Hepatology, 2009, 50, 1567-1576.	7.3	41

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127	Ubiquitin-mediated proteolysis of HuR by heat shock. EMBO Journal, 2009, 28, 1271-1282.	7.8	150
128	Posttranscriptional gene regulation by RNA-binding proteins during oxidative stress: implications for cellular senescence. Biological Chemistry, 2008, 389, 243-255.	2.5	232
129	RNA-Binding Proteins HuR and PTB Promote the Translation of Hypoxia-Inducible Factor 1Î±. Molecular and Cellular Biology, 2008, 28, 93-107.	2.3	257
130	MKP-1 mRNA Stabilization and Translational Control by RNA-Binding Proteins HuR and NF90. Molecular and Cellular Biology, 2008, 28, 4562-4575.	2.3	204
131	miR-519 reduces cell proliferation by lowering RNA-binding protein HuR levels. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20297-20302.	7.1	189
132	Nuclear HuR accumulation through phosphorylation by Cdk1. Genes and Development, 2008, 22, 1804-1815.	5.9	181
133	p16INK4a Translation Suppressed by miR-24. PLoS ONE, 2008, 3, e1864.	2.5	231
134	Analysis of Turnover and Translation Regulatory RNA-Binding Protein Expression through Binding to Cognate mRNAs. Molecular and Cellular Biology, 2007, 27, 6265-6278.	2.3	191
135	Posttranscriptional Orchestration of an Anti-Apoptotic Program by HuR. Cell Cycle, 2007, 6, 1288-1292.	2.6	220
136	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. Biochemical and Biophysical Research Communications, 2007, 364, 313-317.	2.1	14
137	Phosphorylation of HuR by Chk2 Regulates SIRT1 Expression. Molecular Cell, 2007, 25, 543-557.	9.7	491
138	Posttranscriptional Derepression of GADD45Î± by Genotoxic Stress. Molecular Cell, 2006, 22, 117-128.	9.7	89
139	Theoretical Proposal: Allele Dosage of MAP2K4/MKK4 Could Rationalize Frequent 17p Loss in Diverse Human Cancers. Cell Cycle, 2006, 5, 1090-1093.	2.6	11
140	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. Cancer Research, 2006, 66, 5560-5564.	0.9	48
141	Differential Stability of Thymidylate Synthase 3â€²-Untranslated Region Polymorphic Variants Regulated by AUF1. Journal of Biological Chemistry, 2006, 281, 23456-23463.	3.4	44
142	Doxorubicin induces EGF receptor-dependent downregulation of gap junctional intercellular communication in rat liver epithelial cells. Biological Chemistry, 2005, 386, 217-223.	2.5	25
143	Dicumarol is a potent reversible inhibitor of gap junctional intercellular communication. Archives of Biochemistry and Biophysics, 2005, 434, 241-247.	3.0	16
144	Signaling Effects of Menadione: From Tyrosine Phosphatase Inactivation to Connexin Phosphorylation. Methods in Enzymology, 2004, 378, 258-272.	1.0	28

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145	Epidermal Growth Factor Receptor Is a Common Mediator of Quinone-induced Signaling Leading to Phosphorylation of Connexin-43. Journal of Biological Chemistry, 2003, 278, 38360-38367.	3.4	102
146	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. Cancer Research, 2002, 62, 4922-8.	0.9	59
147	Senescence lncRNAs govern cell surface components: lncRNA-OIS1 transcriptionally elevates DPP4. Non-coding RNA Investigation, 0, 3, 6-6.	0.6	1
148	Cooperative Translational Control of Polymorphic BAFF by NF90 and miR-15a. SSRN Electronic Journal, 0, , .	0.4	1
149	High-precision screen to identify lncRNAs governing specific mitotic stages. Non-coding RNA Investigation, 0, 4, 9-9.	0.6	0