

Paul Anderson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/167003/paul-anderson-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

18,594
citations

64
h-index

117
g-index

117
ext. papers

21,448
ext. citations

10
avg, IF

7.06
L-index

#	Paper	IF	Citations
109	Stress granules and processing bodies are dynamically linked sites of mRNP remodeling. <i>Journal of Cell Biology</i> , 2005 , 169, 871-84	7.3	1047
108	RNA-binding proteins TIA-1 and TIAR link the phosphorylation of eIF-2 alpha to the assembly of mammalian stress granules. <i>Journal of Cell Biology</i> , 1999 , 147, 1431-42	7.3	860
107	RNA granules. <i>Journal of Cell Biology</i> , 2006 , 172, 803-8	7.3	851
106	Stress granules: the Tao of RNA triage. <i>Trends in Biochemical Sciences</i> , 2008 , 33, 141-50	10.3	816
105	Stress granule assembly is mediated by prion-like aggregation of TIA-1. <i>Molecular Biology of the Cell</i> , 2004 , 15, 5383-98	3.5	720
104	RNA granules: post-transcriptional and epigenetic modulators of gene expression. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 430-6	48.7	632
103	Angiogenin-induced tRNA fragments inhibit translation initiation. <i>Molecular Cell</i> , 2011 , 43, 613-23	17.6	587
102	Dynamic shuttling of TIA-1 accompanies the recruitment of mRNA to mammalian stress granules. <i>Journal of Cell Biology</i> , 2000 , 151, 1257-68	7.3	565
101	Angiogenin cleaves tRNA and promotes stress-induced translational repression. <i>Journal of Cell Biology</i> , 2009 , 185, 35-42	7.3	563
100	Mammalian stress granules and processing bodies. <i>Methods in Enzymology</i> , 2007 , 431, 61-81	1.7	475
99	Evidence that ternary complex (eIF2-GTP-tRNA(i)(Met))-deficient preinitiation complexes are core constituents of mammalian stress granules. <i>Molecular Biology of the Cell</i> , 2002 , 13, 195-210	3.5	419
98	MK2-induced tristetraprolin:14-3-3 complexes prevent stress granule association and ARE-mRNA decay. <i>EMBO Journal</i> , 2004 , 23, 1313-24	13	410
97	TIA-1 is a translational silencer that selectively regulates the expression of TNF-alpha. <i>EMBO Journal</i> , 2000 , 19, 4154-63	13	391
96	Stress granules and cell signaling: more than just a passing phase?. <i>Trends in Biochemical Sciences</i> , 2013 , 38, 494-506	10.3	389
95	A polyadenylate binding protein localized to the granules of cytolytic lymphocytes induces DNA fragmentation in target cells. <i>Cell</i> , 1991 , 67, 629-39	56.2	342
94	Post-transcriptional control of cytokine production. <i>Nature Immunology</i> , 2008 , 9, 353-9	19.1	329
93	Angiogenin-induced tRNA-derived stress-induced RNAs promote stress-induced stress granule assembly. <i>Journal of Biological Chemistry</i> , 2010 , 285, 10959-68	5.4	319

92	Phase Separation of C9orf72 Dipeptide Repeats Perturbs Stress Granule Dynamics. <i>Molecular Cell</i> , 2017 , 65, 1044-1055.e5	17.6	307
91	A functional RNAi screen links O-GlcNAc modification of ribosomal proteins to stress granule and processing body assembly. <i>Nature Cell Biology</i> , 2008 , 10, 1224-31	23.4	294
90	G3BP-Caprin1-USP10 complexes mediate stress granule condensation and associate with 40S subunits. <i>Journal of Cell Biology</i> , 2016 , 212, 845-60	7.3	285
89	Stressful initiations. <i>Journal of Cell Science</i> , 2002 , 115, 3227-3234	5.3	284
88	Heme-regulated inhibitor kinase-mediated phosphorylation of eukaryotic translation initiation factor 2 inhibits translation, induces stress granule formation, and mediates survival upon arsenite exposure. <i>Journal of Biological Chemistry</i> , 2005 , 280, 16925-33	5.4	280
87	Stressful initiations. <i>Journal of Cell Science</i> , 2002 , 115, 3227-34	5.3	265
86	tRNA fragments in human health and disease. <i>FEBS Letters</i> , 2014 , 588, 4297-304	3.8	247
85	Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization. <i>Cell</i> , 2020 , 181, 306-324.e28	56.2	246
84	Stress granules, P-bodies and cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015 , 1849, 861-70	6	229
83	The apoptosis-promoting factor TIA-1 is a regulator of alternative pre-mRNA splicing. <i>Molecular Cell</i> , 2000 , 6, 1089-98	17.6	221
82	Mechanistic insights into mammalian stress granule dynamics. <i>Journal of Cell Biology</i> , 2016 , 215, 313-323	7.3	214
81	Post-transcriptional regulons coordinate the initiation and resolution of inflammation. <i>Nature Reviews Immunology</i> , 2010 , 10, 24-35	36.5	208
80	Stress granules. <i>Current Biology</i> , 2009 , 19, R397-8	6.3	208
79	Visibly stressed: the role of eIF2, TIA-1, and stress granules in protein translation. <i>Cell Stress and Chaperones</i> , 2002 , 7, 213-21	4	206
78	Genome-wide analysis identifies interleukin-10 mRNA as target of tristetraprolin. <i>Journal of Biological Chemistry</i> , 2008 , 283, 11689-99	5.4	198
77	G-quadruplex structures contribute to the neuroprotective effects of angiogenin-induced tRNA fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18201-6	11.5	193
76	HuR as a negative posttranscriptional modulator in inflammation. <i>Molecular Cell</i> , 2005 , 19, 777-89	17.6	193
75	Proteins phosphorylated during stress-induced apoptosis are common targets for autoantibody production in patients with systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 1997 , 185, 843-54	16.6	192

74	Importance of eIF2alpha phosphorylation and stress granule assembly in alphavirus translation regulation. <i>Molecular Biology of the Cell</i> , 2005 , 16, 3753-63	3.5	190
73	Eukaryotic initiation factor 2alpha-independent pathway of stress granule induction by the natural product pateamine A. <i>Journal of Biological Chemistry</i> , 2006 , 281, 32870-8	5.4	189
72	ARE-mRNA degradation requires the 5S3Sdecay pathway. <i>EMBO Reports</i> , 2006 , 7, 72-7	6.5	188
71	Tumor necrosis factor inhibitors: clinical implications of their different immunogenicity profiles. <i>Seminars in Arthritis and Rheumatism</i> , 2005 , 34, 19-22	5.3	183
70	Posttranslational protein modifications, apoptosis, and the bypass of tolerance to autoantigens. <i>Arthritis and Rheumatism</i> , 1998 , 41, 1152-60		171
69	Regulation of cyclooxygenase-2 expression by the translational silencer TIA-1. <i>Journal of Experimental Medicine</i> , 2003 , 198, 475-81	16.6	168
68	Reprogramming mRNA translation during stress. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 222-6	9	167
67	Arthritis suppressor genes TIA-1 and TTP dampen the expression of tumor necrosis factor alpha, cyclooxygenase 2, and inflammatory arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2011-6	11.5	164
66	Stress Granules and Processing Bodies in Translational Control. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019 , 11,	10.2	163
65	Individual RNA recognition motifs of TIA-1 and TIAR have different RNA binding specificities. <i>Journal of Biological Chemistry</i> , 1996 , 271, 2783-8	5.4	162
64	Genome-wide identification and quantitative analysis of cleaved tRNA fragments induced by cellular stress. <i>Journal of Biological Chemistry</i> , 2012 , 287, 42708-25	5.4	150
63	Tristetraprolin (TTP)-14-3-3 complex formation protects TTP from dephosphorylation by protein phosphatase 2a and stabilizes tumor necrosis factor-alpha mRNA. <i>Journal of Biological Chemistry</i> , 2007 , 282, 3766-77	5.4	149
62	Stress-specific differences in assembly and composition of stress granules and related foci. <i>Journal of Cell Science</i> , 2017 , 130, 927-937	5.3	133
61	Death, autoantigen modifications, and tolerance. <i>Arthritis Research</i> , 2000 , 2, 101-14		126
60	YB-1 regulates tiRNA-induced Stress Granule formation but not translational repression. <i>Nucleic Acids Research</i> , 2016 , 44, 6949-60	20.1	124
59	Regulation of translation by stress granules and processing bodies. <i>Progress in Molecular Biology and Translational Science</i> , 2009 , 90, 155-85	4	96
58	Post-transcriptional regulation of proinflammatory proteins. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 42-76.5		92
57	Influenza a virus host shutoff disables antiviral stress-induced translation arrest. <i>PLoS Pathogens</i> , 2014 , 10, e1004217	7.6	86

56	Real-time and quantitative imaging of mammalian stress granules and processing bodies. <i>Methods in Enzymology</i> , 2008 , 448, 521-52	1.7	86
55	Sendai virus trailer RNA binds TIAR, a cellular protein involved in virus-induced apoptosis. <i>EMBO Journal</i> , 2002 , 21, 5141-50	13	83
54	eIF5A promotes translation elongation, polysome disassembly and stress granule assembly. <i>PLoS ONE</i> , 2010 , 5, e9942	3.7	80
53	Post-transcriptional regulatory networks in immunity. <i>Immunological Reviews</i> , 2013 , 253, 253-72	11.3	79
52	Posttranscriptional mechanisms regulating the inflammatory response. <i>Advances in Immunology</i> , 2006 , 89, 1-37	5.6	79
51	Hydrogen peroxide induces stress granule formation independent of eIF2 γ phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 423, 763-9	3.4	78
50	Biochemical identification of a direct physical interaction between the CD4:p56lck and Ti(TcR)/CD3 complexes. <i>European Journal of Immunology</i> , 1991 , 21, 1663-8	6.1	75
49	A novel role for interleukin-18 in human natural killer cell death: high serum levels and low natural killer cell numbers in patients with systemic autoimmune diseases. <i>Arthritis and Rheumatism</i> , 2001 , 44, 884-92		73
48	Selenite targets eIF4E-binding protein-1 to inhibit translation initiation and induce the assembly of non-canonical stress granules. <i>Nucleic Acids Research</i> , 2012 , 40, 8099-110	20.1	72
47	Elucidation of a C-rich signature motif in target mRNAs of RNA-binding protein TIAR. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6806-17	4.8	65
46	Association of a 70-kDa tyrosine phosphoprotein with the CD16: zeta: gamma complex expressed in human natural killer cells. <i>European Journal of Immunology</i> , 1993 , 23, 1872-6	6.1	65
45	Mammalian stress granules and P bodies at a glance. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	61
44	A mitochondria-specific isoform of FASTK is present in mitochondrial RNA granules and regulates gene expression and function. <i>Cell Reports</i> , 2015 , 10, 1110-21	10.6	60
43	T-cell intracellular antigen-1 (TIA-1)-induced translational silencing promotes the decay of selected mRNAs. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30070-7	5.4	56
42	Geldanamycin inhibits the production of inflammatory cytokines in activated macrophages by reducing the stability and translation of cytokine transcripts. <i>Arthritis and Rheumatism</i> , 2003 , 48, 541-50		51
41	Molecular mechanisms of stress granule assembly and disassembly. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 118876	4.9	49
40	NEDDylation promotes stress granule assembly. <i>Nature Communications</i> , 2016 , 7, 12125	17.4	45
39	Fast kinase domain-containing protein 3 is a mitochondrial protein essential for cellular respiration. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 440-6	3.4	45

38	FAST is a survival protein that senses mitochondrial stress and modulates TIA-1-regulated changes in protein expression. <i>Molecular and Cellular Biology</i> , 2004 , 24, 10718-32	4.8	44
37	Spatiotemporal Proteomic Analysis of Stress Granule Disassembly Using APEX Reveals Regulation by SUMOylation and Links to ALS Pathogenesis. <i>Molecular Cell</i> , 2020 , 80, 876-891.e6	17.6	44
36	The FASTK family of proteins: emerging regulators of mitochondrial RNA biology. <i>Nucleic Acids Research</i> , 2017 , 45, 10941-10947	20.1	42
35	The role of posttranslational modifications in the assembly of stress granules. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010 , 1, 486-93	9.3	41
34	Vinca alkaloid drugs promote stress-induced translational repression and stress granule formation. <i>Oncotarget</i> , 2016 , 7, 30307-22	3.3	34
33	Stress puts TIA on TOP. <i>Genes and Development</i> , 2011 , 25, 2119-24	12.6	33
32	CD4+CD45R+ cells are preferentially activated through the CD2 pathway. <i>European Journal of Immunology</i> , 1988 , 18, 1473-6	6.1	32
31	Fas-activated serine/threonine phosphoprotein (FAST) is a regulator of alternative splicing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11370-5	11.5	30
30	In a tight spot: ARE-mRNAs at processing bodies. <i>Genes and Development</i> , 2007 , 21, 627-31	12.6	29
29	Activation-induced NK cell death triggered by CD2 stimulation. <i>European Journal of Immunology</i> , 1998 , 28, 1292-300	6.1	28
28	FAST is a BCL-X(L)-associated mitochondrial protein. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 95-102	3.4	23
27	Phosphorylation of G3BP1-S149 does not influence stress granule assembly. <i>Journal of Cell Biology</i> , 2019 , 218, 2425-2432	7.3	22
26	Isolation and initial structure-functional characterization of endogenous tRNA-derived stress-induced RNAs. <i>RNA Biology</i> , 2020 , 17, 1116-1124	4.8	21
25	Small nucleolar RNP scleroderma autoantigens associate with phosphorylated serine/arginine splicing factors during apoptosis. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1327-36		21
24	TIA-1 regulates the production of tumor necrosis factor alpha in macrophages, but not in lymphocytes. <i>Arthritis and Rheumatism</i> , 2001 , 44, 2879-87		20
23	Signal transduction in rheumatoid arthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2001 , 15, 789-803	5.3	20
22	Nitric oxide triggers the assembly of "type II" stress granules linked to decreased cell viability. <i>Cell Death and Disease</i> , 2018 , 9, 1129	9.8	19
21	eIF4G has intrinsic G-quadruplex binding activity that is required for tRNA function. <i>Nucleic Acids Research</i> , 2020 , 48, 6223-6233	20.1	17

20	Fas-activated serine/threonine phosphoprotein promotes immune-mediated pulmonary inflammation. <i>Journal of Immunology</i> , 2010 , 184, 5325-32	5.3	17
19	Mechanisms of differential immunogenicity of tumor necrosis factor inhibitors. <i>Current Rheumatology Reports</i> , 2005 , 7, 3-9	4.9	15
18	Methods to Classify Cytoplasmic Foci as Mammalian Stress Granules. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	14
17	Granzyme B and natural killer (NK) cell death. <i>Modern Rheumatology</i> , 2005 , 15, 315-322	3.3	14
16	TOP mRNPs: Molecular Mechanisms and Principles of Regulation. <i>Biomolecules</i> , 2020 , 10,	5.9	12
15	Stress granules contribute to Hgb homeostasis in differentiating erythroid cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 768-74	3.4	12
14	FXR1 splicing is important for muscle development and biomolecular condensates in muscle cells. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	12
13	The tumor necrosis factor-alpha AU-rich element inhibits the stable association of the 40S ribosomal subunit with RNA transcripts. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 333, 1100-6	3.4	9
12	The translational repressor T-cell intracellular antigen-1 (TIA-1) is a key modulator of Th2 and Th17 responses driving pulmonary inflammation induced by exposure to house dust mite. <i>Immunology Letters</i> , 2012 , 146, 8-14	4.1	8
11	Multiple ribonuclease A family members cleave transfer RNAs in response to stress		8
10	A Place for RNAi. <i>Developmental Cell</i> , 2005 , 9, 311-2	10.2	7
9	RNA-Seeded Functional Amyloids Balance Growth and Survival. <i>Developmental Cell</i> , 2016 , 39, 131-132	10.2	5
8	Deletion of FAST (Fas-activated serine/threonine phosphoprotein) ameliorates immune complex arthritis in mice. <i>Modern Rheumatology</i> , 2016 , 26, 630-2	3.3	3
7	Stress-Induced Ribonucleases. <i>Nucleic Acids and Molecular Biology</i> , 2011 , 115-134		3
6	RNA digestion provides insights into the angiogenin's specificity towards transfer RNAs. <i>RNA Biology</i> , 2021 , 18, 2546-2555	4.8	3
5	A novel role for interleukin-18 in human natural killer cell death: High serum levels and low natural killer cell numbers in patients with systemic autoimmune diseases 2001 , 44, 884		3
4	Reg1 and Snf1 regulate stress-induced relocalization of protein phosphatase-1 to cytoplasmic granules. <i>FEBS Journal</i> , 2021 , 288, 4833-4848	5.7	2
3	Caprin-1 binding to the critical stress granule protein G3BP1 is regulated by pH		2

- 2 Alternative translation initiation in immunity: MAVS learns new tricks. *Trends in Immunology*, **2014**, 35, 188-9 14.4 1
- 1 Fas-activated Ser/Thr phosphoprotein (FAST) is a eukaryotic initiation factor 4E-binding protein that regulates mRNA stability and cell survival. *Translation*, **2013**, 1, e24047 0