Paul Anderson

List of Publications by Year in Descending Order

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	Reg1 and Snf1 regulate stress-induced relocalization of protein phosphatase-1 to cytoplasmic granules. *FEBS Journal*, **2021**, 288, 4833-4848	5.7	2
108	RNA digestion provides insights into the angiogeninS s specificity towards transfer RNAs. *RNA Biology*, **2021**, 18, 2546-2555	4.8	3
107	Molecular mechanisms of stress granule assembly and disassembly. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2021**, 1868, 118876	4.9	49
106	eIF4G has intrinsic G-quadruplex binding activity that is required for tiRNA function. *Nucleic Acids Research*, **2020**, 48, 6223-6233	20.1	17
105	TOP mRNPs: Molecular Mechanisms and Principles of Regulation. *Biomolecules*, **2020**, 10,	5.9	12
104	Isolation and initial structure-functional characterization of endogenous tRNA-derived stress-induced RNAs. *RNA Biology*, **2020**, 17, 1116-1124	4.8	21
103	Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization. *Cell*, **2020**, 181, 306-324.e28	56.2	246
102	FXR1 splicing is important for muscle development and biomolecular condensates in muscle cells. *Journal of Cell Biology*, **2020**, 219,	7.3	12
101	Spatiotemporal Proteomic Analysis of Stress Granule Disassembly Using APEX Reveals Regulation by SUMOylation and Links to ALS Pathogenesis. *Molecular Cell*, **2020**, 80, 876-891.e6	17.6	44
100	Mammalian stress granules and P bodies at a glance. *Journal of Cell Science*, **2020**, 133,	5.3	61
99	Phosphorylation of G3BP1-S149 does not influence stress granule assembly. *Journal of Cell Biology*, **2019**, 218, 2425-2432	7.3	22
98	Stress Granules and Processing Bodies in Translational Control. *Cold Spring Harbor Perspectives in Biology*, **2019**, 11,	10.2	163
97	Nitric oxide triggers the assembly of "type II" stress granules linked to decreased cell viability. *Cell Death and Disease*, **2018**, 9, 1129	9.8	19
96	Stress-specific differences in assembly and composition of stress granules and related foci. *Journal of Cell Science*, **2017**, 130, 927-937	5.3	133
95	Phase Separation of C9orf72 Dipeptide Repeats Perturbs Stress Granule Dynamics. *Molecular Cell*, **2017**, 65, 1044-1055.e5	17.6	307
94	The FASTK family of proteins: emerging regulators of mitochondrial RNA biology. *Nucleic Acids Research*, **2017**, 45, 10941-10947	20.1	42
93	Methods to Classify Cytoplasmic Foci as Mammalian Stress Granules. *Journal of Visualized Experiments*, **2017**,	1.6	14

92	Deletion of FAST (Fas-activated serine/threonine phosphoprotein) ameliorates immune complex arthritis in mice. *Modern Rheumatology*, **2016**, 26, 630-2	3.3	3
91	NEDDylation promotes stress granule assembly. *Nature Communications*, **2016**, 7, 12125	17.4	45
90	RNA-Seeded Functional Amyloids Balance Growth and Survival. *Developmental Cell*, **2016**, 39, 131-132	10.2	5
89	Mechanistic insights into mammalian stress granule dynamics. *Journal of Cell Biology*, **2016**, 215, 313-323	7.3	214
88	YB-1 regulates tiRNA-induced Stress Granule formation but not translational repression. *Nucleic Acids Research*, **2016**, 44, 6949-60	20.1	124
87	G3BP-Caprin1-USP10 complexes mediate stress granule condensation and associate with 40S subunits. *Journal of Cell Biology*, **2016**, 212, 845-60	7.3	285
86	Vinca alkaloid drugs promote stress-induced translational repression and stress granule formation. *Oncotarget*, **2016**, 7, 30307-22	3.3	34
85	Stress granules, P-bodies and cancer. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2015**, 1849, 861-70	6	229
84	A mitochondria-specific isoform of FASTK is present in mitochondrial RNA granules and regulates gene expression and function. *Cell Reports*, **2015**, 10, 1110-21	10.6	60
83	Alternative translation initiation in immunity: MAVS learns new tricks. *Trends in Immunology*, **2014**, 35, 188-9	14.4	1
82	G-quadruplex structures contribute to the neuroprotective effects of angiogenin-induced tRNA fragments. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 18201-6	11.5	193
81	tRNA fragments in human health and disease. *FEBS Letters*, **2014**, 588, 4297-304	3.8	247
80	Influenza a virus host shutoff disables antiviral stress-induced translation arrest. *PLoS Pathogens*, **2014**, 10, e1004217	7.6	86
79	Post-transcriptional regulatory networks in immunity. *Immunological Reviews*, **2013**, 253, 253-72	11.3	79
78	Stress granules and cell signaling: more than just a passing phase?. *Trends in Biochemical Sciences*, **2013**, 38, 494-506	10.3	389
77	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
76	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. *Immunology Letters*, **2012**, 146, 8-14	4.1	8
75	Stress granules contribute to β-globin homeostasis in differentiating erythroid cells. *Biochemical and Biophysical Research Communications*, **2012**, 420, 768-74	3.4	12

74	Hydrogen peroxide induces stress granule formation independent of eIF2 phosphorylation. *Biochemical and Biophysical Research Communications*, **2012**, 423, 763-9	3.4	78
73	Selenite targets eIF4E-binding protein-1 to inhibit translation initiation and induce the assembly of non-canonical stress granules. *Nucleic Acids Research*, **2012**, 40, 8099-110	20.1	72
72	Genome-wide identification and quantitative analysis of cleaved tRNA fragments induced by cellular stress. *Journal of Biological Chemistry*, **2012**, 287, 42708-25	5.4	150
71	Angiogenin-induced tRNA fragments inhibit translation initiation. *Molecular Cell*, **2011**, 43, 613-23	17.6	587
70	Stress-Induced Ribonucleases. *Nucleic Acids and Molecular Biology*, **2011**, 115-134		3
69	Stress puts TIA on TOP. *Genes and Development*, **2011**, 25, 2119-24	12.6	33
68	eIF5A promotes translation elongation, polysome disassembly and stress granule assembly. *PLoS ONE*, **2010**, 5, e9942	3.7	80
67	Angiogenin-induced tRNA-derived stress-induced RNAs promote stress-induced stress granule assembly. *Journal of Biological Chemistry*, **2010**, 285, 10959-68	5.4	319
66	Fas-activated serine/threonine phosphoprotein promotes immune-mediated pulmonary inflammation. *Journal of Immunology*, **2010**, 184, 5325-32	5.3	17
65	Fast kinase domain-containing protein 3 is a mitochondrial protein essential for cellular respiration. *Biochemical and Biophysical Research Communications*, **2010**, 401, 440-6	3.4	45
64	Post-transcriptional regulons coordinate the initiation and resolution of inflammation. *Nature Reviews Immunology*, **2010**, 10, 24-35	36.5	208
63	The role of posttranslational modifications in the assembly of stress granules. *Wiley Interdisciplinary Reviews RNA*, **2010**, 1, 486-93	9.3	41
62	Stress granules. *Current Biology*, **2009**, 19, R397-8	6.3	208
61	RNA granules: post-transcriptional and epigenetic modulators of gene expression. *Nature Reviews Molecular Cell Biology*, **2009**, 10, 430-6	48.7	632
60	Regulation of translation by stress granules and processing bodies. *Progress in Molecular Biology and Translational Science*, **2009**, 90, 155-85	4	96
59	Angiogenin cleaves tRNA and promotes stress-induced translational repression. *Journal of Cell Biology*, **2009**, 185, 35-42	7.3	563
58	A functional RNAi screen links O-GlcNAc modification of ribosomal proteins to stress granule and processing body assembly. *Nature Cell Biology*, **2008**, 10, 1224-31	23.4	294
57	Post-transcriptional control of cytokine production. *Nature Immunology*, **2008**, 9, 353-9	19.1	329

56	Reprogramming mRNA translation during stress. *Current Opinion in Cell Biology*, **2008**, 20, 222-6	9	167
55	Stress granules: the Tao of RNA triage. *Trends in Biochemical Sciences*, **2008**, 33, 141-50	10.3	816
54	Real-time and quantitative imaging of mammalian stress granules and processing bodies. *Methods in Enzymology*, **2008**, 448, 521-52	1.7	86
53	Genome-wide analysis identifies interleukin-10 mRNA as target of tristetraprolin. *Journal of Biological Chemistry*, **2008**, 283, 11689-99	5.4	198
52	T-cell intracellular antigen-1 (TIA-1)-induced translational silencing promotes the decay of selected mRNAs. *Journal of Biological Chemistry*, **2007**, 282, 30070-7	5.4	56
51	Tristetraprolin (TTP)-14-3-3 complex formation protects TTP from dephosphorylation by protein phosphatase 2a and stabilizes tumor necrosis factor-alpha mRNA. *Journal of Biological Chemistry*, **2007**, 282, 3766-77	5.4	149
50	In a tight spot: ARE-mRNAs at processing bodies. *Genes and Development*, **2007**, 21, 627-31	12.6	29
49	Elucidation of a C-rich signature motif in target mRNAs of RNA-binding protein TIAR. *Molecular and Cellular Biology*, **2007**, 27, 6806-17	4.8	65
48	Fas-activated serine/threonine phosphoprotein (FAST) is a regulator of alternative splicing. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 11370-5	11.5	30
47	Mammalian stress granules and processing bodies. *Methods in Enzymology*, **2007**, 431, 61-81	1.7	475
46	Eukaryotic initiation factor 2alpha-independent pathway of stress granule induction by the natural product pateamine A. *Journal of Biological Chemistry*, **2006**, 281, 32870-8	5.4	189
45	Posttranscriptional mechanisms regulating the inflammatory response. *Advances in Immunology*, **2006**, 89, 1-37	5.6	79
44	RNA granules. *Journal of Cell Biology*, **2006**, 172, 803-8	7.3	851
43	ARE-mRNA degradation requires the 5S3Sdecay pathway. *EMBO Reports*, **2006**, 7, 72-7	6.5	188
42	HuR as a negative posttranscriptional modulator in inflammation. *Molecular Cell*, **2005**, 19, 777-89	17.6	193
41	The tumor necrosis factor-alpha AU-rich element inhibits the stable association of the 40S ribosomal subunit with RNA transcripts. *Biochemical and Biophysical Research Communications*, **2005**, 333, 1100-6	3.4	9
40	A Place for RNAi. *Developmental Cell*, **2005**, 9, 311-2	10.2	7
39	Stress granules and processing bodies are dynamically linked sites of mRNP remodeling. *Journal of Cell Biology*, **2005**, 169, 871-84	7.3	1047

38	Granzyme B and natural killer (NK) cell death. *Modern Rheumatology*, **2005**, 15, 315-322	3.3	14
37	Tumor necrosis factor inhibitors: clinical implications of their different immunogenicity profiles. *Seminars in Arthritis and Rheumatism*, **2005**, 34, 19-22	5.3	183
36	Mechanisms of differential immunogenicity of tumor necrosis factor inhibitors. *Current Rheumatology Reports*, **2005**, 7, 3-9	4.9	15
35	Heme-regulated inhibitor kinase-mediated phosphorylation of eukaryotic translation initiation factor 2 inhibits translation, induces stress granule formation, and mediates survival upon arsenite exposure. *Journal of Biological Chemistry*, **2005**, 280, 16925-33	5.4	280
34	Importance of eIF2alpha phosphorylation and stress granule assembly in alphavirus translation regulation. *Molecular Biology of the Cell*, **2005**, 16, 3753-63	3.5	190
33	FAST is a survival protein that senses mitochondrial stress and modulates TIA-1-regulated changes in protein expression. *Molecular and Cellular Biology*, **2004**, 24, 10718-32	4.8	44
32	Stress granule assembly is mediated by prion-like aggregation of TIA-1. *Molecular Biology of the Cell* , **2004**, 15, 5383-98	3.5	720
31	Arthritis suppressor genes TIA-1 and TTP dampen the expression of tumor necrosis factor alpha, cyclooxygenase 2, and inflammatory arthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 2011-6	11.5	164
30	MK2-induced tristetraprolin:14-3-3 complexes prevent stress granule association and ARE-mRNA decay. *EMBO Journal*, **2004**, 23, 1313-24	13	410
29	Post-transcriptional regulation of proinflammatory proteins. *Journal of Leukocyte Biology*, **2004**, 76, 42-7	6.5	92
28	FAST is a BCL-X(L)-associated mitochondrial protein. *Biochemical and Biophysical Research Communications*, **2004**, 318, 95-102	3.4	23
27	Geldanamycin inhibits the production of inflammatory cytokines in activated macrophages by reducing the stability and translation of cytokine transcripts. *Arthritis and Rheumatism*, **2003**, 48, 541-50		51
26	Regulation of cyclooxygenase-2 expression by the translational silencer TIA-1. *Journal of Experimental Medicine*, **2003**, 198, 475-81	16.6	168
25	Sendai virus trailer RNA binds TIAR, a cellular protein involved in virus-induced apoptosis. *EMBO Journal*, **2002**, 21, 5141-50	13	83
24	Evidence that ternary complex (eIF2-GTP-tRNA(i)(Met))-deficient preinitiation complexes are core constituents of mammalian stress granules. *Molecular Biology of the Cell*, **2002**, 13, 195-210	3.5	419
23	Visibly stressed: the role of eIF2, TIA-1, and stress granules in protein translation. *Cell Stress and Chaperones*, **2002**, 7, 213-21	4	206
22	Stressful initiations. *Journal of Cell Science*, **2002**, 115, 3227-3234	5.3	284
21	Stressful initiations. *Journal of Cell Science*, **2002**, 115, 3227-34	5.3	265

20	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. *Arthritis and Rheumatism*, **2001**, 44, 884-92		73
19	TIA-1 regulates the production of tumor necrosis factor alpha in macrophages, but not in lymphocytes. *Arthritis and Rheumatism*, **2001**, 44, 2879-87		20
18	Signal transduction in rheumatoid arthritis. *Best Practice and Research in Clinical Rheumatology*, **2001**, 15, 789-803	5.3	20
17	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
16	Small nucleolar RNP scleroderma autoantigens associate with phosphorylated serine/arginine splicing factors during apoptosis. *Arthritis and Rheumatism*, **2000**, 43, 1327-36		21
15	TIA-1 is a translational silencer that selectively regulates the expression of TNF-alpha. *EMBO Journal*, **2000**, 19, 4154-63	13	391
14	The apoptosis-promoting factor TIA-1 is a regulator of alternative pre-mRNA splicing. *Molecular Cell* , **2000**, 6, 1089-98	17.6	221
13	Death, autoantigen modifications, and tolerance. *Arthritis Research*, **2000**, 2, 101-14		126
12	Dynamic shuttling of TIA-1 accompanies the recruitment of mRNA to mammalian stress granules. *Journal of Cell Biology*, **2000**, 151, 1257-68	7.3	565
11	RNA-binding proteins TIA-1 and TIAR link the phosphorylation of eIF-2 alpha to the assembly of mammalian stress granules. *Journal of Cell Biology*, **1999**, 147, 1431-42	7.3	860
10	Posttranslational protein modifications, apoptosis, and the bypass of tolerance to autoantigens. *Arthritis and Rheumatism*, **1998**, 41, 1152-60		171
9	Activation-induced NK cell death triggered by CD2 stimulation. *European Journal of Immunology*, **1998**, 28, 1292-300	6.1	28
8	Proteins phosphorylated during stress-induced apoptosis are common targets for autoantibody production in patients with systemic lupus erythematosus. *Journal of Experimental Medicine*, **1997**, 185, 843-54	16.6	192
7	Individual RNA recognition motifs of TIA-1 and TIAR have different RNA binding specificities. *Journal of Biological Chemistry*, **1996**, 271, 2783-8	5.4	162
6	Association of a 70-kDa tyrosine phosphoprotein with the CD16: zeta: gamma complex expressed in human natural killer cells. *European Journal of Immunology*, **1993**, 23, 1872-6	6.1	65
5	A polyadenylate binding protein localized to the granules of cytolytic lymphocytes induces DNA fragmentation in target cells. *Cell*, **1991**, 67, 629-39	56.2	342
4	Biochemical identification of a direct physical interaction between the CD4:p56lck and Ti(TcR)/CD3 complexes. *European Journal of Immunology*, **1991**, 21, 1663-8	6.1	75
3	CD4+CD45R+ cells are preferentially activated through the CD2 pathway. *European Journal of Immunology*, **1988**, 18, 1473-6	6.1	32

2	Multiple ribonuclease A family members cleave transfer RNAs in response to stress	8
1	Caprin-1 binding to the critical stress granule protein G3BP1 is regulated by pH	2