Paul Anderson

List of Publications by Year
in descending order

111 papers	23,516 citations	13827 67 h-index	24179 110 g-index
117 all docs	117 docs citations	117 times ranked	16366 citing authors

#	Article	IF	Citations
1	Early rRNA processing is a stress-dependent regulatory event whose inhibition maintains nucleolar integrity. Nucleic Acids Research, 2022, 50, 1033-1051.	6.5	27
2	Molecular mechanisms of stress granule assembly and disassembly. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118876.	1.9	177
3	Reg1 and Snf1 regulate stressâ€induced relocalization of protein phosphataseâ€1 to cytoplasmic granules. FEBS Journal, 2021, 288, 4833-4848.	2.2	5
4	<i>In lysate</i> RNA digestion provides insights into the angiogeninâ€™s specificity towards transfer RNAs. RNA Biology, 2021, 18, 2546-2555.	1.5	12
5	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.	4.5	154
6	Mammalian stress granules and P bodies at a glance. Journal of Cell Science, 2020, 133, .	1.2	198
7	eIF4G has intrinsic G-quadruplex binding activity that is required for tiRNA function. Nucleic Acids Research, 2020, 48, 6223-6233.	6.5	55
8	TOP mRNPs: Molecular Mechanisms and Principles of Regulation. Biomolecules, 2020, 10, 969.	1.8	43
9	Isolation and initial structure-functional characterization of endogenous tRNA-derived stress-induced RNAs. RNA Biology, 2020, 17, 1116-1124.	1.5	41
10	Competing Protein-RNA Interaction Networks Control Multiphase Intracellular Organization. Cell, 2020, 181, 306-324.e28.	13.5	543
11	FXR1 splicing is important for muscle development and biomolecular condensates in muscle cells. Journal of Cell Biology, 2020, 219, .	2.3	30
12	Stress Granules and Processing Bodies in Translational Control. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032813.	2.3	325
13	Phosphorylation of G3BP1-S149 does not influence stress granule assembly. Journal of Cell Biology, 2019, 218, 2425-2432.	2.3	39
14	Nitric oxide triggers the assembly of â€œtype IIâ€• stress granules linked to decreased cell viability. Cell Death and Disease, 2018, 9, 1129.	2.7	34
15	Stress-specific differences in assembly and composition of stress granules and related foci. Journal of Cell Science, 2017, 130, 927-937.	1.2	203
16	Phase Separation of C9orf72 Dipeptide Repeats Perturbs Stress Granule Dynamics. Molecular Cell, 2017, 65, 1044-1055.e5.	4.5	437
17	The FASTK family of proteins: emerging regulators of mitochondrial RNA biology. Nucleic Acids Research, 2017, 45, 10941-10947.	6.5	62
18	Methods to Classify Cytoplasmic Foci as Mammalian Stress Granules. Journal of Visualized Experiments, 2017, , .	0.2	21

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19	NEDDylation promotes stress granule assembly. Nature Communications, 2016, 7, 12125.	5.8	61
20	RNA-Seeded Functional Amyloids Balance Growth and Survival. Developmental Cell, 2016, 39, 131-132.	3.1	8
21	Mechanistic insights into mammalian stress granule dynamics. Journal of Cell Biology, 2016, 215, 313-323.	2.3	296
22	YB-1 regulates tiRNA-induced Stress Granule formation but not translational repression. Nucleic Acids Research, 2016, 44, 6949-6960.	6.5	189
23	G3BPâ€"Caprin1â€"USP10 complexes mediate stress granule condensation and associate with 40S subunits. Journal of Cell Biology, 2016, 212, 845-60.	2.3	480
24	Deletion of FAST (Fas-activated serine/threonine phosphoprotein) ameliorates immune complex arthritis in mice. Modern Rheumatology, 2016, 26, 630-632.	0.9	4
25	Vinca alkaloid drugs promote stress-induced translational repression and stress granule formation. Oncotarget, 2016, 7, 30307-30322.	0.8	52
26	Stress granules, P-bodies and cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 861-870.	0.9	333
27	A Mitochondria-Specific Isoform of FASTK Is Present In Mitochondrial RNA Granules and Regulates Gene Expression and Function. Cell Reports, 2015, 10, 1110-1121.	2.9	77
28	Influenza A Virus Host Shutoff Disables Antiviral Stress-Induced Translation Arrest. PLoS Pathogens, 2014, 10, e1004217.	2.1	117
29	Alternative translation initiation in immunity: MAVS learns new tricks. Trends in Immunology, 2014, 35, 188-189.	2.9	3
30	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, 18201-18206.	3.3	264
31	tRNA fragments in human health and disease. FEBS Letters, 2014, 588, 4297-4304.	1.3	321
32	Postâ€transcriptional regulatory networks in immunity. Immunological Reviews, 2013, 253, 253-272.	2.8	95
33	Stress granules and cell signaling: more than just a passing phase?. Trends in Biochemical Sciences, 2013, 38, 494-506.	3.7	514
34	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.	2.9	1
35	Selenite targets eIF4E-binding protein-1 to inhibit translation initiation and induce the assembly of non-canonical stress granules. Nucleic Acids Research, 2012, 40, 8099-8110.	6.5	98
36	Genome-wide Identification and Quantitative Analysis of Cleaved tRNA Fragments Induced by Cellular Stress. Journal of Biological Chemistry, 2012, 287, 42708-42725.	1.6	181

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37	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.	1.1	10
38	Stress granules contribute to Î±-globin homeostasis in differentiating erythroid cells. Biochemical and Biophysical Research Communications, 2012, 420, 768-774.	1.0	16
39	Hydrogen peroxide induces stress granule formation independent of eIF2Î± phosphorylation. Biochemical and Biophysical Research Communications, 2012, 423, 763-769.	1.0	113
40	Hydrogen peroxide induces stress granule formation independent of eukaryotic initiation factor 2Î± phosphorylation. , 2012, , .		1
41	Angiogenin-Induced tRNA Fragments Inhibit Translation Initiation. Molecular Cell, 2011, 43, 613-623.	4.5	776
42	Stress-Induced Ribonucleases. Nucleic Acids and Molecular Biology, 2011, , 115-134.	0.2	3
43	Stress puts TIA on TOP. Genes and Development, 2011, 25, 2119-2124.	2.7	40
44	The role of posttranslational modifications in the assembly of stress granules. Wiley Interdisciplinary Reviews RNA, 2010, 1, 486-493.	3.2	55
45	eIF5A Promotes Translation Elongation, Polysome Disassembly and Stress Granule Assembly. PLoS ONE, 2010, 5, e9942.	1.1	97
46	Angiogenin-induced tRNA-derived Stress-induced RNAs Promote Stress-induced Stress Granule Assembly. Journal of Biological Chemistry, 2010, 285, 10959-10968.	1.6	401
47	Fas-Activated Serine/Threonine Phosphoprotein Promotes Immune-Mediated Pulmonary Inflammation. Journal of Immunology, 2010, 184, 5325-5332.	0.4	19
48	Fast kinase domain-containing protein 3 is a mitochondrial protein essential for cellular respiration. Biochemical and Biophysical Research Communications, 2010, 401, 440-446.	1.0	60
49	Post-transcriptional regulons coordinate the initiation and resolution of inflammation. Nature Reviews Immunology, 2010, 10, 24-35.	10.6	251
50	Stress granules. Current Biology, 2009, 19, R397-R398.	1.8	252
51	Intrinsic mRNA stability helps compose the inflammatory symphony. Nature Immunology, 2009, 10, 233-234.	7.0	32
52	RNA granules: post-transcriptional and epigenetic modulators of gene expression. Nature Reviews Molecular Cell Biology, 2009, 10, 430-436.	16.1	743
53	Chapter 4 Regulation of Translation by Stress Granules and Processing Bodies. Progress in Molecular Biology and Translational Science, 2009, 90, 155-185.	0.9	120
54	Angiogenin cleaves tRNA and promotes stress-induced translational repression. Journal of Cell Biology, 2009, 185, 35-42.	2.3	733

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55	A functional RNAi screen links O-GlcNAc modification of ribosomal proteins to stress granule and processing body assembly. Nature Cell Biology, 2008, 10, 1224-1231.	4.6	357
56	Post-transcriptional control of cytokine production. Nature Immunology, 2008, 9, 353-359.	7.0	369
57	Reprogramming mRNA translation during stress. Current Opinion in Cell Biology, 2008, 20, 222-226.	2.6	208
58	Stress granules: the Tao of RNA triage. Trends in Biochemical Sciences, 2008, 33, 141-150.	3.7	948
59	Chapter 26 Realâ€Time and Quantitative Imaging of Mammalian Stress Granules and Processing Bodies. Methods in Enzymology, 2008, 448, 521-552.	0.4	103
60	Genome-wide Analysis Identifies Interleukin-10 mRNA as Target of Tristetraprolin. Journal of Biological Chemistry, 2008, 283, 11689-11699.	1.6	217
61	T-cell Intracellular Antigen-1 (TIA-1)-induced Translational Silencing Promotes the Decay of Selected mRNAs. Journal of Biological Chemistry, 2007, 282, 30070-30077.	1.6	64
62	Tristetraprolin (TTP)-14-3-3 Complex Formation Protects TTP from Dephosphorylation by Protein Phosphatase 2a and Stabilizes Tumor Necrosis Factor-Î± mRNA. Journal of Biological Chemistry, 2007, 282, 3766-3777.	1.6	172
63	In a tight spot: ARE-mRNAs at processing bodies. Genes and Development, 2007, 21, 627-631.	2.7	33
64	Elucidation of a C-Rich Signature Motif in Target mRNAs of RNA-Binding Protein TIAR. Molecular and Cellular Biology, 2007, 27, 6806-6817.	1.1	70
65	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, 11370-11375.	3.3	32
66	Mammalian Stress Granules and Processing Bodies. Methods in Enzymology, 2007, 431, 61-81.	0.4	573
67	Posttranscriptional Mechanisms Regulating the Inflammatory Response. Advances in Immunology, 2006, 89, 1-37.	1.1	84
68	RNA granules. Journal of Cell Biology, 2006, 172, 803-808.	2.3	982
69	AREâ€mRNA degradation requires the 5â€²â€“3â€² decay pathway. EMBO Reports, 2006, 7, 72-77.	2.0	207
70	Eukaryotic Initiation Factor 2Î±-independent Pathway of Stress Granule Induction by the Natural Product Pateamine A. Journal of Biological Chemistry, 2006, 281, 32870-32878.	1.6	229
71	Granzyme B and natural killer (NK) cell death. Modern Rheumatology, 2005, 15, 315-322.	0.9	15
72	Pin1: a proline isomerase that makes you wheeze?. Nature Immunology, 2005, 6, 1211-1212.	7.0	9

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73	Tumor necrosis factor inhibitors: Clinical implications of their different immunogenicity profiles. Seminars in Arthritis and Rheumatism, 2005, 34, 19-22.	1.6	210
74	Mechanisms of differential immunogenicity of tumor necrosis factor inhibitors. Current Rheumatology Reports, 2005, 7, 3-9.	2.1	17
75	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, 16925-16933.	1.6	362
76	Importance of eIF2Î± Phosphorylation and Stress Granule Assembly in Alphavirus Translation Regulation. Molecular Biology of the Cell, 2005, 16, 3753-3763.	0.9	219
77	HuR as a Negative Posttranscriptional Modulator in Inflammation. Molecular Cell, 2005, 19, 777-789.	4.5	225
78	The tumor necrosis factor-Î± AU-rich element inhibits the stable association of the 40S ribosomal subunit with RNA transcripts. Biochemical and Biophysical Research Communications, 2005, 333, 1100-1106.	1.0	9
79	A Place for RNAi. Developmental Cell, 2005, 9, 311-312.	3.1	8
80	Stress granules and processing bodies are dynamically linked sites of mRNP remodeling. Journal of Cell Biology, 2005, 169, 871-884.	2.3	1,237
81	FAST Is a Survival Protein That Senses Mitochondrial Stress and Modulates TIA-1-Regulated Changes in Protein Expression. Molecular and Cellular Biology, 2004, 24, 10718-10732.	1.1	52
82	Stress Granule Assembly Is Mediated by Prion-like Aggregation of TIA-1. Molecular Biology of the Cell, 2004, 15, 5383-5398.	0.9	859
83	Arthritis suppressor genes TIA-1 and TTP dampen the expression of tumor necrosis factor Î±, cyclooxygenase 2, and inflammatory arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2011-2016.	3.3	181
84	MK2-induced tristetraprolin:14-3-3 complexes prevent stress granule association and ARE-mRNA decay. EMBO Journal, 2004, 23, 1313-1324.	3.5	457
85	Post-transcriptional regulation of proinflammatory proteins. Journal of Leukocyte Biology, 2004, 76, 42-47.	1.5	101
86	FAST is a BCL-XL-associated mitochondrial protein. Biochemical and Biophysical Research Communications, 2004, 318, 95-102.	1.0	27
87	Geldanamycin inhibits the production of inflammatory cytokines in activated macrophages by reducing the stability and translation of cytokine transcripts. Arthritis and Rheumatism, 2003, 48, 541-550.	6.7	57
88	Regulation of Cyclooxygenase-2 Expression by the Translational Silencer TIA-1. Journal of Experimental Medicine, 2003, 198, 475-481.	4.2	190
89	Evidence That Ternary Complex (eIF2-GTP-tRNAiMet)â€"Deficient Preinitiation Complexes Are Core Constituents of Mammalian Stress Granules. Molecular Biology of the Cell, 2002, 13, 195-210.	0.9	519
90	&cestchinlong;Visibly stressed: the role of eIF2, TIA-1, and stress granules in protein translation. Cell Stress and Chaperones, 2002, 7, 213.	1.2	226

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91	Sendai virus trailer RNA binds TIAR, a cellular protein involved in virus-induced apoptosis. EMBO Journal, 2002, 21, 5141-5150.	3.5	93
92	Stressful initiations. Journal of Cell Science, 2002, 115, 3227-3234.	1.2	325
93	Stressful initiations. Journal of Cell Science, 2002, 115, 3227-34.	1.2	279
94	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, 884-892.	6.7	84
95	TIA-1 regulates the production of tumor necrosis factor ? in macrophages, but not in lymphocytes. Arthritis and Rheumatism, 2001, 44, 2879-2887.	6.7	26
96	Signal transduction in rheumatoid arthritis. Best Practice and Research in Clinical Rheumatology, 2001, 15, 789-803.	1.4	22
97	A novel role for interleukinâ€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, 884-892.	6.7	3
98	Small nucleolar RNP scleroderma autoantigens associate with phosphorylated serine/arginine splicing factors during apoptosis. Arthritis and Rheumatism, 2000, 43, 1327-1336.	6.7	24
99	TIA-1 is a translational silencer that selectively regulates the expression of TNF-Î±. EMBO Journal, 2000, 19, 4154-4163.	3.5	451
100	The Apoptosis-Promoting Factor TIA-1 Is a Regulator of Alternative Pre-mRNA Splicing. Molecular Cell, 2000, 6, 1089-1098.	4.5	252
101	Death, autoantigen modifications, and tolerance. Arthritis Research, 2000, 2, 101.	2.0	140
102	Dynamic Shuttling of Tia-1 Accompanies the Recruitment of mRNA to Mammalian Stress Granules. Journal of Cell Biology, 2000, 151, 1257-1268.	2.3	678
103	RNA-Binding Proteins Tia-1 and Tiar Link the Phosphorylation of Eif-2Î± to the Assembly of Mammalian Stress Granules. Journal of Cell Biology, 1999, 147, 1431-1442.	2.3	1,057
104	Posttranslational protein modifications, apoptosis, and the bypass of tolerance to autoantigens. Arthritis and Rheumatism, 1998, 41, 1152-1160.	6.7	191
105	Activation-induced NK cell death triggered by CD2 stimulation. European Journal of Immunology, 1998, 28, 1292-1300.	1.6	29
106	Proteins Phosphorylated during Stress-induced Apoptosis Are Common Targets for Autoantibody Production in Patients with Systemic Lupus Erythematosus. Journal of Experimental Medicine, 1997, 185, 843-854.	4.2	230
107	Individual RNA Recognition Motifs of TIA-1 and TIAR Have Different RNA Binding Specificities. Journal of Biological Chemistry, 1996, 271, 2783-2788.	1.6	203
108	Association of a 70-kDa tyrosine phosphoprotein with the CD16:Î¶:Î³ complex expressed in human natural killer cells. European Journal of Immunology, 1993, 23, 1872-1876.	1.6	69

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109	A polyadenylate binding protein localized to the granules of cytolytic lymphocytes induces DNA fragmentation in target cells. Cell, 1991, 67, 629-639.	13.5	375
110	Biochemical identification of a direct physical interaction between the CD4: p56lck and Ti(TcR)/CD3 complexes. European Journal of Immunology, 1991, 21, 1663-1668.	1.6	86
111	CD4CD45R cells are preferentially activated through the CD2 pathway. European Journal of Immunology, 1988, 18, 1473-1476.	1.6	32