Perry J Blackshear

List of Publications by Year
in descending order

262	20,174	9264 74	15266 126
papers	citations	h-index	g-index

266	266	266	14828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feedback Inhibition of Macrophage Tumor Necrosis Factor- Production by Tristetraprolin. , 1998, 281, 1001-1005.		1,055
2	A Pathogenetic Role for TNFÎ± in the Syndrome of Cachexia, Arthritis, and Autoimmunity Resulting from Tristetraprolin (TTP) Deficiency. Immunity, 1996, 4, 445-454.	14.3	726
3	Evidence that Tristetraprolin Binds to AU-Rich Elements and Promotes the Deadenylation and Destabilization of Tumor Necrosis Factor Alpha mRNA. Molecular and Cellular Biology, 1999, 19, 4311-4323.	2.3	678
4	Eukaryotic start and stop translation sites. Nucleic Acids Research, 1991, 19, 3185-3192.	14.5	631
5	Oncogenic RAS Signaling Promotes Tumor Immunoresistance by Stabilizing PD-L1 mRNA. Immunity, 2017, 47, 1083-1099.e6.	14.3	450
6	Evidence that tristetraprolin is a physiological regulator of granulocyte-macrophage colony-stimulating factor messenger RNA deadenylation and stability. Blood, 2000, 95, 1891-1899.	1.4	409
7	Tristetraprolin and other CCCH tandem zinc-finger proteins in the regulation of mRNA turnover. Biochemical Society Transactions, 2002, 30, 945-952.	3.4	373
8	Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 Regulates Tumor Necrosis Factor mRNA Stability and Translation Mainly by Altering Tristetraprolin Expression, Stability, and Binding to Adenine/Uridine-Rich Element. Molecular and Cellular Biology, 2006, 26, 2399-2407.	2.3	365
9	Molecular cloning, characterization, and expression of a cDNA encoding the "80- to 87-kDa" myristoylated alanine-rich C kinase substrate: a major cellular substrate for protein kinase C.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 4012-4016.	7.1	324
10	Tristetraprolin (TTP): Interactions with mRNA and proteins, and current thoughts on mechanisms of action. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 666-679.	1.9	320
11	Interactions of CCCH Zinc Finger Proteins with mRNA. Journal of Biological Chemistry, 2000, 275, 17827-17837.	3.4	316
12	MARCKS deficiency in mice leads to abnormal brain development and perinatal death.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 944-948.	7.1	282
13	Protein kinase C regulates the nuclear localization of diacylglycerol kinase-Î¶. Nature, 1998, 394, 697-700.	27.8	263
14	RNA-binding proteins in immune regulation: a focus on CCCH zinc finger proteins. Nature Reviews Immunology, 2017, 17, 130-143.	22.7	258
15	Control of PHAS-I by Insulin in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 1995, 270, 18531-18538.	3.4	234
16	Structural basis for the recruitment of the human CCR4â€“NOT deadenylase complex by tristetraprolin. Nature Structural and Molecular Biology, 2013, 20, 735-739.	8.2	230
17	HuR as a Negative Posttranscriptional Modulator in Inflammation. Molecular Cell, 2005, 19, 777-789.	9.7	225
18	Interleukin-10 targets p38 MAPK to modulate ARE-dependent TNF mRNA translation and limit intestinal pathology. EMBO Journal, 2001, 20, 3760-3770.	7.8	222

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19	Tristetraprolin and Its Family Members Can Promote the Cell-Free Deadenylation of AU-Rich Element-Containing mRNAs by Poly(A) Ribonuclease. Molecular and Cellular Biology, 2003, 23, 3798-3812.	2.3	217
20	Genome-wide Analysis Identifies Interleukin-10 mRNA as Target of Tristetraprolin. Journal of Biological Chemistry, 2008, 283, 11689-11699.	3.4	217
21	Protein kinases 1988: a current perspective. FASEB Journal, 1988, 2, 2957-2969.	0.5	202
22	The mRNA-Destabilizing Protein Tristetraprolin Is Suppressed in Many Cancers, Altering Tumorigenic Phenotypes and Patient Prognosis. Cancer Research, 2009, 69, 5168-5176.	0.9	200
23	High-Resolution Sequencing and Modeling Identifies Distinct Dynamic RNA Regulatory Strategies. Cell, 2014, 159, 1698-1710.	28.9	196
24	Novel mRNA Targets for Tristetraprolin (TTP) Identified by Global Analysis of Stabilized Transcripts in TTP-Deficient Fibroblasts. Molecular and Cellular Biology, 2006, 26, 9196-9208.	2.3	195
25	Tristetraprolin Down-Regulates IL-2 Gene Expression through AU-Rich Element-Mediated mRNA Decay. Journal of Immunology, 2005, 174, 953-961.	0.8	190
26	[12] Systems for polyacrylamide gel electrophoresis. Methods in Enzymology, 1984, 104, 237-255.	1.0	189
27	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.	7.1	181
28	Decreased Sensitivity of Tristetraprolin-deficient Cells to p38 Inhibitors Suggests the Involvement of Tristetraprolin in the p38 Signaling Pathway. Journal of Biological Chemistry, 2001, 276, 42580-42587.	3.4	174
29	Phosphorylation reverses the membrane association of peptides that correspond to the basic domains of MARCKS and neuromodulin. Biophysical Journal, 1994, 67, 227-237.	0.5	172
30	The Arabidopsis Tandem Zinc Finger Protein AtTZF1 Traffics between the Nucleus and Cytoplasmic Foci and Binds Both DNA and RNA Â Ã Â Â. Plant Physiology, 2009, 152, 151-165.	4.8	172
31	Chorioallantoic Fusion Defects and Embryonic Lethality Resulting from Disruption of Zfp36L1 , a Gene Encoding a CCCH Tandem Zinc Finger Protein of the Tristetraprolin Family. Molecular and Cellular Biology, 2004, 24, 6445-6455.	2.3	157
32	APOÎµ4 is associated with enhanced in vivo innate immune responses in human subjects. Journal of Allergy and Clinical Immunology, 2014, 134, 127-134.e9.	2.9	149
33	mTOR Regulates Cellular Iron Homeostasis through Tristetraprolin. Cell Metabolism, 2012, 16, 645-657.	16.2	148
34	Intraarterial infusion chemotherapy for hepatic carcinoma using a totally implantable infusion pump. Cancer, 1980, 45, 866-869.	4.1	146
35	The tandem CCCH zinc finger protein tristetraprolin and its relevance to cytokine mRNA turnover and arthritis. Arthritis Research, 2004, 6, 248.	2.0	145
36	Single-Cell Transcriptomics Uncovers Glial Progenitor Diversity and Cell Fate Determinants during Development and Gliomagenesis. Cell Stem Cell, 2019, 24, 707-723.e8.	11.1	145

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37	Global target mRNA specification and regulation by the RNA-binding protein ZFP36. Genome Biology, 2014, 15, R12.	9.6	141
38	Insulin and growth factor effects on c-fos expression in normal and protein kinase C-deficient 3T3-L1 fibroblasts and adipocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 9453-9457.	7.1	140
39	Immunogenetic Risk and Protective Factors for the Idiopathic Inflammatory Myopathies. Medicine (United States), 2006, 85, 111-127.	1.0	140
40	Predictors of Acquired Lipodystrophy in Juvenile-Onset Dermatomyositis and a Gradient of Severity. Medicine (United States), 2008, 87, 70-86.	1.0	137
41	Interferons limit inflammatory responses by induction of tristetraprolin. Blood, 2006, 107, 4790-4797.	1.4	136
42	Interactions of CCCH Zinc Finger Proteins with mRNA. Journal of Biological Chemistry, 2001, 276, 23144-23154.	3.4	135
43	Bone marrow transplantation reproduces the tristetraprolin-deficiency syndrome in recombination activating gene-2 (-/-) mice. Evidence that monocyte/macrophage progenitors may be responsible for TNFalpha overproduction.. Journal of Clinical Investigation, 1997, 100, 986-995.	8.2	133
44	Interactions of CCCH Zinc Finger Proteins with mRNA. Journal of Biological Chemistry, 2002, 277, 9606-9613.	3.4	132
45	RNA Sequence Elements Required for High Affinity Binding by the Zinc Finger Domain of Tristetraprolin. Journal of Biological Chemistry, 2004, 279, 27870-27877.	3.4	132
46	Targeted disruption of Zfp36l2, encoding a CCCH tandem zinc finger RNA-binding protein, results in defective hematopoiesis. Blood, 2009, 114, 2401-2410.	1.4	130
47	The CCCH tandem zinc-finger protein Zfp36l2 is crucial for female fertility and early embryonic development. Development (Cambridge), 2004, 131, 4883-4893.	2.5	129
48	The RNA-binding protein TTP is a global post-transcriptional regulator of feedback control in inflammation. Nucleic Acids Research, 2016, 44, gkw474.	14.5	128
49	Phosphorylation of Tristetraprolin, a Potential Zinc Finger Transcription Factor, by Mitogen Stimulation in Intact Cells and by Mitogen-activated Protein Kinase in Vitro. Journal of Biological Chemistry, 1995, 270, 13341-13347.	3.4	116
50	Transmembrane TNF protects mutant mice against intracellular bacterial infections, chronic inflammation and autoimmunity. European Journal of Immunology, 2006, 36, 2768-2780.	2.9	116
51	Load-Dependent and -Independent Regulation of Proinflammatory Cytokine and Cytokine Receptor Gene Expression in the Adult Mammalian Heart. Circulation, 2002, 105, 2192-2197.	1.6	114
52	Post-transcriptional regulation of satellite cell quiescence by TTP-mediated mRNA decay. ELife, 2015, 4, e03390.	6.0	114
53	Characteristics of the Interaction of a Synthetic Human Tristetraprolin Tandem Zinc Finger Peptide with AU-rich Element-containing RNA Substrates. Journal of Biological Chemistry, 2003, 278, 19947-19955.	3.4	113
54	Roles of tumor necrosis factor-Î± receptor subtypes in the pathogenesis of the tristetraprolin-deficiency syndrome. Blood, 2001, 98, 2389-2395.	1.4	112

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55	Implantable Drug-Delivery Systems. Scientific American, 1979, 241, 66-73.	1.0	110
56	Tristetraprolin Mediates Interferon-Î³ mRNA Decay. Journal of Biological Chemistry, 2009, 284, 11216-11223.	3.4	109
57	RECQL, a Member of the RecQ Family of DNA Helicases, Suppresses Chromosomal Instability. Molecular and Cellular Biology, 2007, 27, 1784-1794.	2.3	107
58	Regulation of Suppressor of Cytokine Signaling 3 (SOCS3) mRNA Stability by TNF-Î± Involves Activation of the MKK6/p38MAPK/MK2 Cascade. Journal of Immunology, 2007, 178, 2813-2826.	0.8	101
59	Tristetraprolin Impairs Myc-Induced Lymphoma and Abolishes the Malignant State. Cell, 2012, 150, 563-574.	28.9	100
60	Members of the Tristetraprolin Family of Tandem CCCH Zinc Finger Proteins Exhibit CRM1-dependent Nucleocytoplasmic Shuttling. Journal of Biological Chemistry, 2002, 277, 11606-11613.	3.4	98
61	Tristetraprolin regulation of interleukin 23 mRNA stability prevents a spontaneous inflammatory disease. Journal of Experimental Medicine, 2013, 210, 1675-1684.	8.5	98
62	Myeloid-Specific Tristetraprolin Deficiency in Mice Results in Extreme Lipopolysaccharide Sensitivity in an Otherwise Minimal Phenotype. Journal of Immunology, 2012, 188, 5150-5159.	0.8	97
63	Third Report on Chicken Genes and Chromosomes 2015. Cytogenetic and Genome Research, 2015, 145, 78-179.	1.1	97
64	Membrane Association of the Myristoylated Alanine-rich C Kinase Substrate (MARCKS) Protein.. Journal of Biological Chemistry, 1995, 270, 13436-13445.	3.4	96
65	Tristetraprolin Is Required for Full Anti-Inflammatory Response of Murine Macrophages to IL-10. Journal of Immunology, 2009, 183, 1197-1206.	0.8	96
66	The RNA-binding zinc-finger protein tristetraprolin regulates AU-rich mRNAs involved in breast cancer-related processes. Oncogene, 2010, 29, 4205-4215.	5.9	95
67	The metabolic effects of sodium dichloroacetate in the starved rat. Biochemical Journal, 1974, 142, 279-286.	3.1	93
68	Graded phenotypic response to partial and complete deficiency of a brain-specific transcript variant of the winged helix transcription factor RFX4. Development (Cambridge), 2003, 130, 4539-4552.	2.5	92
69	Myristoylated and nonmyristoylated forms of a protein are phosphorylated by protein kinase C. Science, 1989, 246, 503-506.	12.6	91
70	Immunological Characterization of Tristetraprolin as a Low Abundance, Inducible, Stable Cytosolic Protein. Journal of Biological Chemistry, 2004, 279, 21489-21499.	3.4	91
71	Tristetraprolin, a Negative Regulator of mRNA Stability, Is Increased in Old B Cells and Is Involved in the Degradation of E47 mRNA. Journal of Immunology, 2007, 179, 918-927.	0.8	91
72	The human TTP protein: sequence, alignment with related proteins, and chromosomal localization of the mouse and human genes. Nucleic Acids Research, 1991, 19, 3454-3454.	14.5	85

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73	The p38 MAPK pathway inhibits tristetraprolinâ€directed decay of interleukinâ€10 and proâ€inflammatory mediator mRNAs in murine macrophages. FEBS Letters, 2009, 583, 1933-1938.	2.8	81
74	Enhanced stability of tristetraprolin mRNA protects mice against immune-mediated inflammatory pathologies. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1865-1870.	7.1	79
75	Zfp36l3, a Rodent X Chromosome Gene Encoding a Placenta-Specific Member of the Tristetraprolin Family of CCCH Tandem Zinc Finger Proteins. Biology of Reproduction, 2005, 73, 297-307.	2.7	76
76	Identification of the anti-inflammatory protein tristetraprolin as a hyperphosphorylated protein by mass spectrometry and site-directed mutagenesis. Biochemical Journal, 2006, 394, 285-297.	3.7	76
77	Characteristics of Insulin and Epidermal Growth Factor Stimulation of Receptor Autophosphorylation in Detergent Extracts of Rat Liver and Transplantable Rat Hepatomas*. Endocrinology, 1984, 114, 141-152.	2.8	75
78	Expression and purification of recombinant tristetraprolin that can bind to tumor necrosis factor-Î± mRNA and serve as a substrate for mitogen-activated protein kinases. Archives of Biochemistry and Biophysics, 2003, 412, 106-120.	3.0	74
79	Comparative expression of tristetraprolin (TTP) family member transcripts in normal human tissues and cancer cell lines. Archives of Biochemistry and Biophysics, 2007, 462, 278-285.	3.0	74
80	Diversity in penaeidin antimicrobial peptide form and function. Developmental and Comparative Immunology, 2008, 32, 167-181.	2.3	72
81	Tristetraprolin as a Therapeutic Target in Inflammatory Disease. Trends in Pharmacological Sciences, 2016, 37, 811-821.	8.7	72
82	Cloning and characterization of two yeast genes encoding members of the CCCH class of zinc finger proteins: zinc finger-mediated impairment of cell growth. Gene, 1996, 174, 225-233.	2.2	71
83	The Use of an Implantable Insulin Pump in the Treatment of Type II Diabetes. New England Journal of Medicine, 1982, 307, 265-270.	27.0	69
84	SEQUENCES OF INTEREST: Molecular Cloning, Sequence, and Expression of a cDNA Encoding the Chicken Myristoylated Alanine-Rich C Kinase Substrate (MARCKS). Molecular Endocrinology, 1989, 3, 1903-1906.	3.7	69
85	Insulin and growth factors stimulate the phosphorylation of a Mr-22000 protein in 3T3-L1 adipocytes. Biochemical Journal, 1983, 214, 11-19.	3.7	68
86	Myristoylation-dependent and Electrostatic Interactions Exert Independent Effects on the Membrane Association of the Myristoylated Alanine-rich Protein Kinase C Substrate Protein in Intact Cells. Journal of Biological Chemistry, 1996, 271, 23424-23430.	3.4	68
87	MARCKS modulates radial progenitor placement, proliferation and organization in the developing cerebral cortex. Development (Cambridge), 2009, 136, 2965-2975.	2.5	65
88	Chromatin Modification and Global Transcriptional Silencing in the Oocyte Mediated by the mRNA Decay Activator ZFP36L2. Developmental Cell, 2018, 44, 392-402.e7.	7.0	65
89	The effects of inhibition of gluconeogenesis on ketogenesis in starved and diabetic rats. Biochemical Journal, 1975, 148, 353-362.	3.7	64
90	Reactive Hypoglycemia and Insulin Autoantibodies in Drug-Induced Lupus Erythematosus. Annals of Internal Medicine, 1983, 99, 182.	3.9	64

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91	Promoter Analysis of Zfp-36 the Mitogen-inducible Gene Encoding the Zinc Finger Protein Tristetraprolin. Journal of Biological Chemistry, 1995, 270, 25266-25272.	3.4	63
92	Experimental diabetic ketoacidosis. Sequential changes of metabolic intermediates in blood, liver, cerebrospinal fluid and brain after acute insulin deprivation in the streptozotocin-diabetic rat. Biochemical Journal, 1974, 138, 107-117.	3.7	62
93	Effect of reduced myristoylated alanine-rich C kinase substrate expression on hippocampal mossy fiber development and spatial learning in mutant mice: Transgenic rescue and interactions with gene background. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14517-14522.	7.1	62
94	Cutting Edge: IL-10â€“Mediated Tristetraprolin Induction Is Part of a Feedback Loop That Controls Macrophage STAT3 Activation and Cytokine Production. Journal of Immunology, 2012, 189, 2089-2093.	0.8	62
95	Insulin Action in Normal and Protein Kinase C-Deficient Rat Hepatoma Cells. Effects on Protein Phosphorylation, Protein Kinase Activities, and Ornithine Decarboxylase Activities and Messenger Ribonucleic Acid Levels*. Molecular Endocrinology, 1987, 1, 44-52.	3.7	59
96	mRNA-Binding Protein ZFP36 Is Expressed in Atherosclerotic Lesions and Reduces Inflammation in Aortic Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1212-1220.	2.4	58
97	PARP-14 combines with tristetraprolin in the selective posttranscriptional control of macrophage tissue factor expression. Blood, 2014, 124, 3646-3655.	1.4	58
98	mRNA-binding protein tristetraprolin is essential for cardiac response to iron deficiency by regulating mitochondrial function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6291-E6300.	7.1	57
99	Widespread Neuronal Ectopia Associated with Secondary Defects in Cerebrocortical Chondroitin Sulfate Proteoglycans and Basal Lamina in MARCKS-Deficient Mice. Experimental Neurology, 1997, 145, 46-61.	4.1	56
100	Inflammation: cytokines and RNAâ€based regulation. Wiley Interdisciplinary Reviews RNA, 2010, 1, 60-80.	6.4	56
101	MARCKS regulates membrane targeting of Rab10 vesicles to promote axon development. Cell Research, 2014, 24, 576-594.	12.0	56
102	Zinc Finger Protein Tristetraprolin Interacts with CCL3 mRNA and Regulates Tissue Inflammation. Journal of Immunology, 2011, 187, 2696-2701.	0.8	55
103	An Ancient Family of RNA-Binding Proteins: Still Important!. Trends in Biochemical Sciences, 2017, 42, 285-296.	7.5	55
104	Approaches to the Study of Protein Kinase C Involvement in Signal Transduction. American Journal of the Medical Sciences, 1988, 296, 231-240.	1.1	52
105	Identification of four CCCH zinc finger proteins in Xenopus, including a novel vertebrate protein with four zinc fingers and severely restricted expression. Gene, 1999, 228, 133-145.	2.2	51
106	Interaction of Retroviral Tax Oncoproteins With Tristetraprolin and Regulation of Tumor Necrosis Factor-Â Expression. Journal of the National Cancer Institute, 2003, 95, 1846-1859.	6.3	51
107	Genetic variations in ZFP36 and their possible relationship to autoimmune diseases. Journal of Autoimmunity, 2006, 26, 182-196.	6.5	51
108	Protein kinase Câ€“delta deficiency perturbs bone homeostasis by selective uncoupling of cathepsin K secretion and ruffled border formation in osteoclasts. Journal of Bone and Mineral Research, 2012, 27, 2452-2463.	2.8	49

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109	Posttranscriptional Regulation of IL-23 Expression by IFN-Î³ through Tristetraprolin. Journal of Immunology, 2011, 186, 6454-6464.	0.8	48
110	Regulation of p21/CIP1/WAF-1 mediated cell-cycle arrest by RNase L and tristetraprolin, and involvement of AU-rich elements. Nucleic Acids Research, 2012, 40, 7739-7752.	14.5	48
111	Calcium binding and conformational properties of calmodulin complexed with peptides derived from myristoylated alanine-rich C kinase substrate (MARCKS) and MARCKS-related protein (MRP). European Biophysics Journal, 1997, 25, 239-247.	2.2	47
112	Influence of Nonameric AU-rich Tristetraprolin-binding Sites on mRNA Deadenylation and Turnover. Journal of Biological Chemistry, 2005, 280, 34365-34377.	3.4	47
113	Phosphorylation site analysis of the anti-inflammatory and mRNA-destabilizing protein tristetraprolin. Expert Review of Proteomics, 2007, 4, 711-726.	3.0	47
114	High Level, Cell-Specific Expression of Ornithine Decarboxylase Transcripts in Rat Genitourinary Tissues. Molecular Endocrinology, 1989, 3, 68-78.	3.7	46
115	Phagocytic and macropinocytic activity in MARCKS-deficient macrophages and fibroblasts. American Journal of Physiology - Cell Physiology, 1999, 277, C163-C173.	4.6	46
116	The Inhibition of Phosphoenolpyruvate Carboxykinase (Guanosine Triphosphate) Gene Expression by Insulin is Not Mediated by Protein Kinase C*. Molecular Endocrinology, 1987, 1, 53-59.	3.7	45
117	Tumor-promoting phorbol esters induce angiogenesis in vivo. American Journal of Physiology - Cell Physiology, 1988, 254, C318-C322.	4.6	45
118	Preliminary characterization of a heat-stable protein from rat adipose tissue whose phosphorylation is stimulated by insulin. Biochemical Journal, 1982, 204, 817-824.	3.7	44
119	Characteristics of the Intron Involvement in the Mitogen-induced Expression of Zfp-36. Journal of Biological Chemistry, 1998, 273, 506-517.	3.4	44
120	Tristetraprolin (TTP) coordinately regulates primary and secondary cellular responses to proinflammatory stimuli. Journal of Leukocyte Biology, 2015, 97, 723-736.	3.3	44
121	Regulation of peptide-calmodulin complexes by protein kinase C in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 1585-1589.	7.1	43
122	Okadaic acid-sensitive protein phosphatases dephosphorylate MARCKS, a major protein kinase C substrate. FEBS Letters, 1993, 336, 37-42.	2.8	42
123	Differential postâ€transcriptional regulation of <scp>IL</scp>â€10 by <scp>TLR</scp>2 and <scp>TLR</scp>4â€activated macrophages. European Journal of Immunology, 2014, 44, 856-866.	2.9	42
124	Tristetraprolin expression by keratinocytes controls local and systemic inflammation. JCI Insight, 2017, 2, .	5.0	42
125	Nucleotide Sequence, Expression, and Chromosomal Mapping of Mrp and Mapping of Five Related Sequences. Genomics, 1993, 17, 194-204.	2.9	41
126	Mouse Embryonic Fibroblast Cell Culture and Stimulation. Bio-protocol, 2016, 6, .	0.4	41

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127	Overexpression of the Myristoylated Alanine-rich C-kinase Substrate Inhibits Cell Adhesion to Extracellular Matrix Components. Journal of Biological Chemistry, 2001, 276, 32264-32273.	3.4	40
128	Transforming Growth Factor Î² Regulates P-Body Formation through Induction of the mRNA Decay Factor Tristetraprolin. Molecular and Cellular Biology, 2014, 34, 180-195.	2.3	40
129	Glycerol Prevents Insulin Precipitation and Interruption of Flow in an Implantable Insulin Infusion Pump. Diabetes Care, 1983, 6, 387-392.	8.6	39
130	Developmental expression of MARCKS and protein kinase C in mice in relation to the exencephaly resulting from MARCKS deficiency. Developmental Brain Research, 1996, 96, 62-75.	1.7	39
131	A Totally Implantable Drug Infusion Defice: Laboratory and Clinical Experience Using a Model with Single Flow Rate and New Design for Modulated Insulin Infusion. Diabetes Care, 1980, 3, 351-358.	8.6	38
132	MSK1 and MSK2 Inhibit Lipopolysaccharide-Induced Prostaglandin Production via an Interleukin-10 Feedback Loop. Molecular and Cellular Biology, 2013, 33, 1456-1467.	2.3	38
133	Phylogenetic Distribution and Evolution of the Linked RNA-Binding and NOT1-Binding Domains in the Tristetraprolin Family of Tandem CCCH Zinc Finger Proteins. Journal of Interferon and Cytokine Research, 2014, 34, 297-306.	1.2	38
134	TREATMENT OF A TYPE II DIABETIC BY A TOTALLY IMPLANTABLE INSULIN INFUSION DEVICE. Lancet, The, 1981, 317, 1233-1235.	13.7	37
135	Protein kinase C-mediated phosphorylation in intact cells. Methods in Enzymology, 1987, 141, 412-424.	1.0	37
136	Identification and Characterization of Cathepsin B as the Cellular MARCKS Cleaving Enzyme. Journal of Biological Chemistry, 1997, 272, 23833-23842.	3.4	37
137	Inhibiting transcription in cultured metazoan cells with actinomycin D to monitor mRNA turnover. Methods, 2019, 155, 77-87.	3.8	37
138	Mitogens stimulate the rapid nuclear to cytosolic translocation of tristetraprolin, a potential zinc-finger transcription factor. Molecular Endocrinology, 1996, 10, 140-146.	3.7	36
139	Myristoylated Alanine-rich C Kinase Substrate-mediated Neurotensin Release via Protein Kinase C-Î´ Downstream of the Rho/ROK Pathway. Journal of Biological Chemistry, 2005, 280, 8351-8357.	3.4	36
140	Functional Role of the Interaction between Polysialic Acid and Myristoylated Alanine-rich C Kinase Substrate at the Plasma Membrane. Journal of Biological Chemistry, 2013, 288, 6726-6742.	3.4	36
141	Protein phosphorylation in a tetradecanoyl phorbol acetate-nonproliferative variant of 3T3 cells.. Molecular and Cellular Biology, 1985, 5, 2231-2237.	2.3	35
142	Nonmyristoylated MARCKS Complements Some but Not All of the Developmental Defects Associated with MARCKS Deficiency in Mice. Developmental Biology, 1996, 179, 135-147.	2.0	35
143	Bone marrow deficiency of mRNA decaying protein Tristetraprolin increases inflammation and mitochondrial ROS but reduces hepatic lipoprotein production in LDLR knockout mice. Redox Biology, 2020, 37, 101609.	9.0	35
144	The RNA-Binding Protein, ZFP36L2, Influences Ovulation and Oocyte Maturation. PLoS ONE, 2014, 9, e97324.	2.5	35

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145	Factors regulating amino acid release from extrasplanchnic tissues in the rat. Interactions of alanine and glutamine. Biochemical Journal, 1975, 150, 379-387.	3.7	34
146	Diabetic nephropathy in the uninephrectomized dog: Microscopic lesions after one year. Kidney International, 1982, 21, 721-724.	5.2	34
147	Zinc inhibits turnover of labile mRNAs in intact cells. Journal of Cellular Physiology, 1995, 162, 378-387.	4.1	34
148	The Heterotrimeric G Protein GÎ±i2 Mediates Lysophosphatidic Acid-stimulated Induction of the c-fos Gene in Mouse Fibroblasts. Journal of Biological Chemistry, 1997, 272, 773-781.	3.4	34
149	Synthesis and dephosphorylation of MARCKS in the late stages of megakaryocyte maturation drive proplatelet formation. Blood, 2016, 127, 1468-1480.	1.4	34
150	Metabolic Response to Three Years of Continuous, Basal Rate Intravenous Insulin Infusion in Type II Diabetic Patients*. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 753-760.	3.6	33
151	Promoter Sequence, Expression, and Fine Chromosomal Mapping of the Human Gene (MLP) Encoding the MARCKS-like Protein: Identification of Neighboring and Linked Polymorphic Loci forMLPandMACSand Use in the Evaluation of Human Neural Tube Defects. Genomics, 1998, 49, 253-264.	2.9	32
152	Disruption of the Gene Encoding the Mitogen-regulated Translational Modulator PHAS-I in Mice. Journal of Biological Chemistry, 1997, 272, 31510-31514.	3.4	31
153	Direct Binding of Specific AUF1 Isoforms to Tandem Zinc Finger Domains of Tristetraprolin (TTP) Family Proteins. Journal of Biological Chemistry, 2012, 287, 5459-5471.	3.4	31
154	Myristoylated Alanineâ€Rich Protein Kinase Substrate (MARCKS) Regulates Small GTPase Rac1 and Cdc42 Activity and Is a Critical Mediator of Vascular Smooth Muscle Cell Migration in Intimal Hyperplasia Formation. Journal of the American Heart Association, 2015, 4, e002255.	3.7	31
155	Identification of potential target genes for RFX4_v3, a transcription factor critical for brain development. Journal of Neurochemistry, 2006, 98, 860-875.	3.9	30
156	Stimulation of Polo-Like Kinase 3 mRNA Decay by Tristetraprolin. Molecular and Cellular Biology, 2009, 29, 1999-2010.	2.3	30
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