

# James S Malter

## List of Publications by Year in descending order

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93  
papers

3,896  
citations

101543

36  
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133252

59  
g-index

93  
all docs

93  
docs citations

93  
times ranked

4981  
citing authors

#	ARTICLE	IF	CITATIONS
1	The fragile X mental retardation protein is required for type-I metabotropic glutamate receptor-dependent translation of PSD-95. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14374-14378.	7.1	257
2	FMRP Mediates mGluR5-Dependent Translation of Amyloid Precursor Protein. <i>PLoS Biology</i> , 2007, 5, e52.	5.6	247
3	Somatic mutations in DROSHA and DICER1 impair microRNA biogenesis through distinct mechanisms in Wilms tumours. <i>Nature Communications</i> , 2014, 5, 4802.	12.8	192
4	The peptidyl-prolyl isomerase Pin1 regulates the stability of granulocyte-macrophage colony-stimulating factor mRNA in activated eosinophils. <i>Nature Immunology</i> , 2005, 6, 1280-1287.	14.5	125
5	Nucleolin and Heterogeneous Nuclear Ribonucleoprotein C Proteins Specifically Interact with the 3' Untranslated Region of Amyloid Protein Precursor mRNA. <i>Journal of Biological Chemistry</i> , 1995, 270, 17292-17298.	3.4	104
6	Reversal of Fragile X Phenotypes by Manipulation of A <sup>2</sup> PP/A <sup>2</sup> Levels in Fmr1KO Mice. <i>PLoS ONE</i> , 2011, 6, e26549.	2.5	103
7	The DNA Sensor AIM2 Maintains Intestinal Homeostasis via Regulation of Epithelial Antimicrobial Host Defense. <i>Cell Reports</i> , 2015, 13, 1922-1936.	6.4	101
8	Particle-Mediated Gene Transfer of Granulocyte-Macrophage Colony-Stimulating Factor cDNA to Tumor Cells: Implications for a Clinically Relevant Tumor Vaccine. <i>Human Gene Therapy</i> , 1996, 7, 1535-1543.	2.7	96
9	Y Box-Binding Factor Promotes Eosinophil Survival by Stabilizing Granulocyte-Macrophage Colony-Stimulating Factor mRNA. <i>Journal of Immunology</i> , 2001, 167, 5970-5976.	0.8	93
10	Pin1 regulates TGF- $\beta$ 1 production by activated human and murine eosinophils and contributes to allergic lung fibrosis. <i>Journal of Clinical Investigation</i> , 2008, 118, 479-90.	8.2	91
11	The peptidyl-prolyl isomerase Pin1 facilitates cytokine-induced survival of eosinophils by suppressing Bax activation. <i>Nature Immunology</i> , 2009, 10, 257-265.	14.5	90
12	The prolyl isomerase Pin1 acts as a novel molecular switch for TNF- $\alpha$ -induced priming of the NADPH oxidase in human neutrophils. <i>Blood</i> , 2010, 116, 5795-5802.	1.4	89
13	Human Papillomavirus Type 18 in Conjunctival Intraepithelial Neoplasia. <i>American Journal of Ophthalmology</i> , 1990, 110, 23-27.	3.3	81
14	Pin1 and PKM $\eta$ Sequentially Control Dendritic Protein Synthesis. <i>Science Signaling</i> , 2010, 3, ra18.	3.6	75
15	Seizure susceptibility and mortality in mice that over-express amyloid precursor protein. <i>International Journal of Clinical and Experimental Pathology</i> , 2008, 1, 157-68.	0.5	70
16	NOD2 Suppresses Colorectal Tumorigenesis via Downregulation of the TLR Pathways. <i>Cell Reports</i> , 2017, 19, 2756-2770.	6.4	69
17	Hyaluronic Acid or TNF- $\alpha$ Plus Fibronectin Triggers Granulocyte Macrophage-Colony-Stimulating Factor mRNA Stabilization in Eosinophils Yet Engages Differential Intracellular Pathways and mRNA Binding Proteins. <i>Journal of Immunology</i> , 2003, 171, 6780-6787.	0.8	68
18	Ets-1 Regulates TNF- $\alpha$ -Induced Matrix Metalloproteinase-9 and Tenascin Expression in Primary Bronchial Fibroblasts. <i>Journal of Immunology</i> , 2004, 172, 1945-1952.	0.8	64

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19	The Peptidyl-Prolyl Isomerase Pin1 Regulates Granulocyte-Macrophage Colony-Stimulating Factor mRNA Stability in T Lymphocytes. <i>Journal of Immunology</i> , 2006, 177, 6999-7006.	0.8	62
20	Mixed-lineage kinase 3 phosphorylates prolyl-isomerase Pin1 to regulate its nuclear translocation and cellular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8149-8154.	7.1	62
21	Identification of Genes Expressed by Human Airway Eosinophils after an In Vivo Allergen Challenge. <i>PLoS ONE</i> , 2013, 8, e67560.	2.5	57
22	Regulation of Eukaryotic Messenger RNA Turnover1. <i>Progress in Molecular Biology and Translational Science</i> , 1997, 56, 257-286.	1.9	55
23	Expression of Interleukin-5 and Granulocyte Macrophage Colony-Stimulating Factor Responsive Genes in Blood and Airway Eosinophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 30, 736-743.	2.9	54
24	Semaphorin 7A is expressed on airway eosinophils and upregulated by IL-5 family cytokines. <i>Clinical Immunology</i> , 2014, 150, 90-100.	3.2	54
25	Whisker stimulation-dependent translation of FMRP in the barrel cortex requires activation of type I metabotropic glutamate receptors. <i>Molecular Brain Research</i> , 2003, 110, 267-278.	2.3	53
26	Alzheimer's Disease and Down Syndrome Rodent Models Exhibit Audiogenic Seizures. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1009-1013.	2.6	51
27	Up-regulation of Nucleolin mRNA and Protein in Peripheral Blood Mononuclear Cells by Extracellular-regulated Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 1119-1126.	3.4	50
28	Turnover and Translation of in Vitro Synthesized Messenger RNAs in Transfected, Normal Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 19871-19876.	3.4	49
29	The Pin 1 inhibitor juglone attenuates kidney fibrogenesis via Pin 1-independent mechanisms in the unilateral ureteral occlusion model. <i>Fibrogenesis and Tissue Repair</i> , 2010, 3, 1.	3.4	44
30	Extracellular signal-regulated kinase mediates granulocyte-macrophage colony-stimulating factor messenger RNA stabilization in tumor necrosis factor- $\alpha$ plus fibronectin-activated peripheral blood eosinophils. <i>Blood</i> , 2002, 99, 4048-4052.	1.4	43
31	RhoB mRNA is stabilized by HuR after UV light. <i>Oncogene</i> , 2005, 24, 502-511.	5.9	43
32	Identification of AUF-1 ligands reveals vast diversity of early response gene mRNAs. <i>Nucleic Acids Research</i> , 1999, 27, 1464-1472.	14.5	42
33	Pinning Down Signaling in the Immune System: The Role of the Peptidyl-Prolyl Isomerase Pin1 in Immune Cell Function. <i>Critical Reviews in Immunology</i> , 2008, 28, 45-60.	0.5	41
34	Regulation of mRNA stability in the nervous system and beyond. <i>Journal of Neuroscience Research</i> , 2001, 66, 311-316.	2.9	40
35	A critical role for Pin1 in allergic pulmonary eosinophilia in rats. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 1082-1088.	2.9	40
36	Effects of HNE modification induced by $A\beta^2$ on neprilysin expression and activity in SH-SY5Y cells. <i>Journal of Neurochemistry</i> , 2009, 108, 1072-1082.	3.9	39

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37	The Significance of Pin1 in the Development of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 13-23.	2.6	38
38	Plasma Exchange After Initial Intravenous Immunoglobulin Treatment in Guillain-Barré Syndrome: Critical Reassessment of Effectiveness and Cost-Efficiency. <i>Journal of Clinical Neuromuscular Disease</i> , 2010, 12, 55-61.	0.7	38
39	Anti-A $\beta$ : The good, the bad, and the unforeseen. <i>Journal of Neuroscience Research</i> , 2004, 75, 301-306.	2.9	37
40	Pin1 Modulates the Type 1 Immune Response. <i>PLoS ONE</i> , 2007, 2, e226.	2.5	37
41	IL-3 Maintains Activation of the p90S6K/RPS6 Pathway and Increases Translation in Human Eosinophils. <i>Journal of Immunology</i> , 2015, 195, 2529-2539.	0.8	36
42	Pin1 Protein Regulates Smad Protein Signaling and Pulmonary Fibrosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 23294-23305.	3.4	33
43	Extracellular-regulated kinase controls $\beta$ -amyloid precursor protein mRNA decay. <i>Molecular Brain Research</i> , 2001, 90, 193-201.	2.3	32
44	Tissue transglutaminase, protein cross-linking and Alzheimer's disease: review and views. <i>International Journal of Clinical and Experimental Pathology</i> , 2008, 1, 5-18.	0.5	32
45	Soy-Based Diet Exacerbates Seizures in Mouse Models of Neurological Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 797-805.	2.6	31
46	Regulation of AU-Rich Element RNA Binding Proteins by Phosphorylation and the Prolyl Isomerase Pin1. <i>Biomolecules</i> , 2015, 5, 412-434.	4.0	31
47	Granulocyte Macrophage-Colony-Stimulating Factor mRNA Is Stabilized in Airway Eosinophils and Peripheral Blood Eosinophils Activated by TNF- $\alpha$ Plus Fibronectin. <i>Journal of Immunology</i> , 2001, 166, 4658-4663.	0.8	30
48	RNA Seq profiling reveals a novel expression pattern of TGF- $\beta$ 2 target genes in human blood eosinophils. <i>Immunology Letters</i> , 2015, 167, 1-10.	2.5	29
49	Determinants of eosinophil survival and apoptotic cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 224-234.	4.9	28
50	Epstein-Barr Virus-induced Gene 2 Mediates Allergen-induced Leukocyte Migration into Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1576-1585.	5.6	24
51	Pin1 mediates $\beta$ -amyloid-induced dendritic spine loss. <i>Science Signaling</i> , 2018, 11, .	3.6	23
52	Posttranscriptional Regulation of mRNAs Important in T Cell Function. <i>Advances in Immunology</i> , 1998, 68, 1-49.	2.2	22
53	Calcium Ionophore Upregulation of AUUUA-Specific Binding Protein Activity Is Contemporaneous with Granulocyte Macrophage Colony-Stimulating Factor Messenger RNA Stabilization in AML14.3D10 Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 21, 621-628.	2.9	22
54	Growth Factor-Mediated Stabilization of Amyloid Precursor Protein mRNA Is Mediated by a Conserved 29-Nucleotide Sequence in the 3'-Untranslated Region. <i>Journal of Neurochemistry</i> , 2001, 74, 52-59.	3.9	22

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55	Sampling strategies to capture single-cell heterogeneity. <i>Nature Methods</i> , 2017, 14, 967-970.	19.0	22
56	Minute Quantities of Granulocyte-Macrophage Colony-Stimulating Factor Prolong Eosinophil Survival. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 117-124.	1.2	21
57	Preparation of Synaptoneurosomes from Mouse Cortex using a Discontinuous Percoll-Sucrose Density Gradient. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	21
58	Pin1â€FADD Interactions Regulate Fas-Mediated Apoptosis in Activated Eosinophils. <i>Journal of Immunology</i> , 2013, 190, 4937-4945.	0.8	21
59	Aggressive Behavior in Silent Subtype III Pituitary Adenomas May Depend on Suppression of Local Immune Response: A Whole Transcriptome Analysis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 874-882.	1.7	20
60	Alzheimerâ€™s Disease, Dendritic Spines, and Calcineurin Inhibitors: A New Approach?. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1233-1234.	3.5	19
61	Phosphateâ€Induced Renal Fibrosis Requires the Prolyl Isomerase Pin1. <i>PLoS ONE</i> , 2016, 11, e0150093.	2.5	19
62	The regulation of AÎ²PP expression by RNA-binding proteins. <i>Ageing Research Reviews</i> , 2012, 11, 450-459.	10.9	18
63	Digital Droplet PCR for SARS-CoV-2 Resolves Borderline Cases. <i>American Journal of Clinical Pathology</i> , 2021, 155, 815-822.	0.7	18
64	Pin1 Null Mice Exhibit Low Bone Mass and Attenuation of BMP Signaling. <i>PLoS ONE</i> , 2013, 8, e63565.	2.5	18
65	Thymic stromal lymphopoietin (TSLP) as a bridge between infection and atopy. <i>International Journal of Clinical and Experimental Pathology</i> , 2008, 1, 325-30.	0.5	18
66	Fragile X mental retardation protein in plasticity and disease. <i>Journal of Neuroscience Research</i> , 2002, 70, 623-630.	2.9	17
67	N-Acetylcysteine Prevents 4-Hydroxynonenal- and Amyloid-Î²-Induced Modification and Inactivation of Nephrylsin in SH-SY5Y Cells. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 179-189.	2.6	17
68	Human eosinophil activin A synthesis and mRNA stabilization are induced by the combination of ILâ€³ plus TNF. <i>Immunology and Cell Biology</i> , 2016, 94, 701-708.	2.3	17
69	Zidovudine-induced blockade of the expression and function of the erythropoietin receptor. <i>Biochemical Pharmacology</i> , 1992, 44, 1009-1012.	4.4	16
70	Granulocyte Macrophage Colony-Stimulating Factor and Interleukin-5 Activate STAT5 and Induce CIS1 mRNA in Human Peripheral Blood Eosinophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 312-316.	2.9	16
71	Effects of 4-Hydroxy-Nonenal and Amyloid-Î² on Expression and Activity of Endothelin Converting Enzyme and Insulin Degrading Enzyme in SH-SY5Y Cells. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 489-501.	2.6	16
72	Decoy mRNAs reduce Î²-amyloid precursor protein mRNA in neuronal cells. <i>Neurobiology of Aging</i> , 2006, 27, 787-796.	3.1	15

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73	Antisense targeting of TGF- $\beta$ 1 augments BMP-induced upregulation of osteopontin, type I collagen and Cbfa1 in human Saos-2 cells. <i>Experimental Cell Research</i> , 2007, 313, 1415-1425.	2.6	15
74	Dendritic cell-based immunotherapy for cancer and relevant challenges for transfusion medicine. <i>Transfusion Medicine Reviews</i> , 2004, 18, 189-202.	2.0	12
75	Rck/p54 interacts with APP mRNA as part of a multi-protein complex and enhances APP mRNA and protein expression in neuronal cell lines. <i>Neurobiology of Aging</i> , 2009, 30, 1962-1974.	3.1	12
76	Adenosine-Uridine Binding Factor Requires Metals for Binding to Granulocyte-Macrophage Colony-Stimulating Factor mRNA. <i>Enzyme</i> , 1990, 44, 203-213.	0.7	9
77	TLR-7 Stress Signaling in Differentiating and Mature Eosinophils Is Mediated by the Prolyl Isomerase Pin1. <i>Journal of Immunology</i> , 2018, 201, 3503-3513.	0.8	9
78	Alterations in the RB Pathway With Inactivation of RB1 Characterize Glioblastomas With a Primitive Neuronal Component. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 1092-1098.	1.7	9
79	Protein Translation and Signaling in Human Eosinophils. <i>Frontiers in Medicine</i> , 2017, 4, 150.	2.6	8
80	Pin1 Regulates IL-5 Induced Eosinophil Polarization and Migration. <i>Cells</i> , 2021, 10, 211.	4.1	7
81	Serum and Low-Density Lipoprotein Enhance Interleukin-8 Secretion by Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 483-489.	2.9	6
82	HuR mRNA Ligands Expressed After Seizure. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 1037-1045.	1.7	6
83	Protein interacting with NIMA (never in mitosis A) $\beta$ 1 regulates axonal growth cone adhesion and spreading through myristoylated alanine-rich C kinase substrate isomerization. <i>Journal of Neurochemistry</i> , 2016, 137, 744-755.	3.9	6
84	Peptidyl-Prolyl Isomerase 1 Regulates Ca <sup>2+</sup> Handling by Modulating Sarco(Endo)Plasmic Reticulum Calcium ATPase and Na <sup>2+</sup> /Ca <sup>2+</sup> Exchanger 1 Protein Levels and Function. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	6
85	Circadian changes in granulocyte-macrophage colony-stimulating factor message in circulating eosinophils. <i>Annals of Allergy, Asthma and Immunology</i> , 2007, 98, 75-82.	1.0	5
86	AUUUA-specific mRNA binding proteins in astrocytes. <i>Life Sciences</i> , 1996, 58, 2083-2089.	4.3	4
87	Regulation of hepatocyte gene expression: Progress on the horizon. <i>Hepatology</i> , 1989, 10, 1017-1018.	7.3	3
88	Thymic stromal lymphopoietin expression in allergic pulmonary inflammation is Pin1-dependent. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1289-1290.	2.9	3
89	Eosinophils, Pin1 and the Response to Respiratory Viral Infection and Allergic Stimuli. <i>Critical Reviews in Immunology</i> , 2019, 39, 135-149.	0.5	3
90	XBP1, a determinant of the eosinophil lineage. <i>Nature Immunology</i> , 2015, 16, 793-794.	14.5	2

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91	Poor Survival Predicted by MDM2 Oncoprotein Expression in Diffuse Large B-Cell Lymphoma (DLBCL) with Wild-Type TP53 Gene. Blood, 2008, 112, 5269-5269.	1.4	2
92	Clinical Impact of TP53 Gene Mutations in Diffuse Large B-Cell Lymphoma (DLBCL): An International DLBCL Rituxan-CHOP Consortium Program Study.. Blood, 2009, 114, 967-967.	1.4	1
93	Structural Profiles of p53 Gene Mutations Predict Clinical Outcome in Diffuse Large B-Cell Lymphoma: An International Collaborative Study.. Blood, 2006, 108, 811-811.	1.4	0