Mingui Fu

List of Publications by Year in descending order

89 papers	5,649 citations	70961 41 h-index	79541 73 g-index
90 all docs	90 docs citations	90 times ranked	8457 citing authors

#	Article	IF	Citations
1	MCP-induced protein 1 deubiquitinates TRAF proteins and negatively regulates JNK and NF-Î¹B signaling. Journal of Experimental Medicine, 2010, 207, 2959-2973.	4.2	260
2	RNA-binding proteins in immune regulation: a focus on CCCH zinc finger proteins. Nature Reviews Immunology, 2017, 17, 130-143.	10.6	258
3	MicroRNA let-7 Regulates 3T3-L1 Adipogenesis. Molecular Endocrinology, 2009, 23, 925-931.	3.7	253
4	Selective disruption of PPARÂ2 impairs the development of adipose tissue and insulin sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10703-10708.	3.3	244
5	Cleavage of roquin and regnase-1 by the paracaspase MALT1 releases their cooperatively repressed targets to promote TH17 differentiation. Nature Immunology, 2014, 15, 1079-1089.	7.0	238
6	A Novel CCCH-Zinc Finger Protein Family Regulates Proinflammatory Activation of Macrophages. Journal of Biological Chemistry, 2008, 283, 6337-6346.	1.6	223
7	A Nuclear Receptor Atlas: 3T3-L1 Adipogenesis. Molecular Endocrinology, 2005, 19, 2437-2450.	3.7	211
8	MicroRNA-155 Deficiency Results in Decreased Macrophage Inflammation and Attenuated Atherogenesis in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 759-767.	1.1	179
9	Liver LXRÎ± expression is crucial for whole body cholesterol homeostasis and reverse cholesterol transport in mice. Journal of Clinical Investigation, 2012, 122, 1688-1699.	3.9	166
10	Peroxisome Proliferator-activated Receptor Î³ Inhibits Transforming Growth Factor Î²-induced Connective Tissue Growth Factor Expression in Human Aortic Smooth Muscle Cells by Interfering with Smad3. Journal of Biological Chemistry, 2001, 276, 45888-45894.	1.6	162
11	Genome-Wide Survey and Expression Profiling of CCCH-Zinc Finger Family Reveals a Functional Module in Macrophage Activation. PLoS ONE, 2008, 3, e2880.	1.1	152
12	The Monocarboxylate Transporter 4 Is Required for Glycolytic Reprogramming and Inflammatory Response in Macrophages. Journal of Biological Chemistry, 2015, 290, 46-55.	1.6	146
13	Egr-1 target genes in human endothelial cells identified by microarray analysis. Gene, 2003, 315, 33-41.	1.0	144
14	Cardiac peroxisome proliferator-activated receptor Î³ is essential in protecting cardiomyocytes from oxidative damage. Cardiovascular Research, 2007, 76, 269-279.	1.8	142
15	Polarizing Macrophages In Vitro. Methods in Molecular Biology, 2018, 1784, 119-126.	0.4	135
16	PDGF induces osteoprotegerin expression in vascular smooth muscle cells by multiple signal pathways. FEBS Letters, 2002, 521, 180-184.	1.3	121
17	miR-27a Regulates Inflammatory Response of Macrophages by Targeting IL-10. Journal of Immunology, 2014, 193, 327-334.	0.4	121
18	TRIM59 Promotes the Proliferation and Migration of Non-Small Cell Lung Cancer Cells by Upregulating Cell Cycle Related Proteins. PLoS ONE, 2015, 10, e0142596.	1.1	105

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19	Peroxisome Proliferator-activated Receptor Î´ Is Up-regulated during Vascular Lesion Formation and Promotes Post-confluent Cell Proliferation in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 11505-11512.	1.6	89
20	USP10 inhibits genotoxic NF-Î¹B activation by MCPIP1-facilitated deubiquitination of NEMO. EMBO Journal, 2013, 32, 3206-3219.	3.5	89
21	TRAF Family Member-associated NF-Î¹B Activator (TANK) Inhibits Genotoxic Nuclear Factor Î¹B Activation by Facilitating Deubiquitinase USP10-dependent Deubiquitination of TRAF6 Ligase. Journal of Biological Chemistry, 2015, 290, 13372-13385.	1.6	87
22	RNA-destabilizing Factor Tristetraprolin Negatively Regulates NF-Î¹B Signaling. Journal of Biological Chemistry, 2009, 284, 29383-29390.	1.6	80
23	Early stimulation and late inhibition of peroxisome proliferator-activated receptor gamma (PPARgamma) gene expression by transforming growth factor beta in human aortic smooth muscle cells: role of early growth-response factor-1 (Egr-1), activator protein 1 (AP1) and Smads. Biochemical Journal, 2003, 370, 1019-1025.	1.7	76
24	MCPIP1 Selectively Destabilizes Transcripts Associated with an Antiapoptotic Gene Expression Program in Breast Cancer Cells That Can Elicit Complete Tumor Regression. Cancer Research, 2016, 76, 1429-1440.	0.4	74
25	Increased Th17 Cells in the Tumor Microenvironment Is Mediated by IL-23 via Tumor-Secreted Prostaglandin E2. Journal of Immunology, 2013, 190, 5894-5902.	0.4	73
26	Rad GTPase Attenuates Vascular Lesion Formation by Inhibition of Vascular Smooth Muscle Cell Migration. Circulation, 2005, 111, 1071-1077.	1.6	69
27	CD38 promotes angiotensin IIâ€induced cardiac hypertrophy. Journal of Cellular and Molecular Medicine, 2017, 21, 1492-1502.	1.6	65
28	Activation of peroxisome proliferator-activated receptor Î³ inhibits osteoprotegerin gene expression in human aortic smooth muscle cells. Biochemical and Biophysical Research Communications, 2002, 294, 597-601.	1.0	58
29	Expression Profiling of Nuclear Receptors in Human and Mouse Embryonic Stem Cells. Molecular Endocrinology, 2009, 23, 724-733.	3.7	57
30	Early Growth Response Factor-1 Is a Critical Transcriptional Mediator of Peroxisome Proliferator-activated Receptor-Î³1 Gene Expression in Human Aortic Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 26808-26814.	1.6	56
31	CD38 Deficiency Protects the Heart from Ischemia/Reperfusion Injury through Activating SIRT1/FOXOs-Mediated Antioxidative Stress Pathway. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	56
32	MCPIP1 restricts HIV infection and is rapidly degraded in activated CD4+ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19083-19088.	3.3	54
33	The putative tumor suppressor Zc3h12d modulates toll-like receptor signaling in macrophages. Cellular Signalling, 2012, 24, 569-576.	1.7	52
34	Targeted disruption of MCPIP1/Zc3h12a results in fatal inflammatory disease. Immunology and Cell Biology, 2013, 91, 368-376.	1.0	52
35	Direct Activation of Endothelial Cells by SARS-CoV-2 Nucleocapsid Protein Is Blocked by Simvastatin. Journal of Virology, 2021, 95, e0139621.	1.5	52
36	HIV-1 Nef Induces CCL5 production in astrocytes through p38-MAPK and PI3K/Akt pathway and utilizes NF-kB, CEBP and AP-1 transcription factors. Scientific Reports, 2014, 4, 4450.	1.6	49

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37	Expression profiling of TRIM protein family in THP1-derived macrophages following TLR stimulation. Scientific Reports, 2017, 7, 42781.	1.6	49
38	Central role of myeloid MCPIP1 in protecting against LPS-induced inflammation and lung injury. Signal Transduction and Targeted Therapy, 2017, 2, 17066.	7.1	48
39	Monocyte Chemotactic Protein-induced Protein 1 (MCPIP1) Suppresses Stress Granule Formation and Determines Apoptosis under Stress. Journal of Biological Chemistry, 2011, 286, 41692-41700.	1.6	46
40	Peroxisome Proliferator-Activated Receptors and the Cardiovascular System. Vitamins and Hormones, 2003, 66, 157-188.	0.7	44
41	Platelet-Derived Growth Factor Promotes the Expression of Peroxisome Proliferator-Activated Receptor Î³ in Vascular Smooth Muscle Cells by a Phosphatidylinositol 3-Kinase/Akt Signaling Pathway. Circulation Research, 2001, 89, 1058-1064.	2.0	43
42	Role of ENPP1 on Adipocyte Maturation. PLoS ONE, 2007, 2, e882.	1.1	43
43	<scp>CD</scp>38 deficiency suppresses adipogenesis and lipogenesis in adipose tissues through activating Sirt1/<scp>PPAR</scp>Î³ signaling pathway. Journal of Cellular and Molecular Medicine, 2018, 22, 101-110.	1.6	41
44	Cocaine-Mediated Autophagy in Astrocytes Involves Sigma 1 Receptor, PI3K, mTOR, Atg5/7, Beclin-1 and Induces Type II Programed Cell Death. Molecular Neurobiology, 2016, 53, 4417-4430.	1.9	40
45	MCPIP1 negatively regulates toll-like receptor 4 signaling and protects mice from LPS-induced septic shock. Cellular Signalling, 2013, 25, 1228-1234.	1.7	39
46	Endothelial to mesenchymal transition in atherosclerotic vascular remodeling. Clinica Chimica Acta, 2019, 490, 34-38.	0.5	37
47	Interferon Regulatory Factor-1 Mediates PPARÎ³-Induced Apoptosis in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 257-263.	1.1	35
48	Interaction between the PH and START domains of ceramide transfer protein competes with phosphatidylinositol 4-phosphate binding by the PH domain. Journal of Biological Chemistry, 2017, 292, 14217-14228.	1.6	35
49	Identification of TLT2 as an Engulfment Receptor for Apoptotic Cells. Journal of Immunology, 2012, 188, 6381-6388.	0.4	34
50	Methamphetamine potentiates HIV-1 gp120-mediated autophagy via Beclin-1 and Atg5/7 as a pro-survival response in astrocytes. Cell Death and Disease, 2016, 7, e2425-e2425.	2.7	33
51	TRIM14 promotes endothelial activation via activating NF-ÎºB signaling pathway. Journal of Molecular Cell Biology, 2020, 12, 176-189.	1.5	33
52	MCPâ€induced protein 1 suppresses TNFÎ±â€induced VCAMâ€1 expression in human endothelial cells. FEBS Letters, 2010, 584, 3065-3072.	1.3	32
53	Zc3h12c inhibits vascular inflammation by repressing NF-ÎºB activation and pro-inflammatory gene expression in endothelial cells. Biochemical Journal, 2013, 451, 55-60.	1.7	32
54	15-Deoxy-prostaglandin J2 inhibits PDGF-A and -B chain expression in human vascular endothelial cells independent of PPARÎ³. Biochemical and Biophysical Research Communications, 2002, 298, 128-132.	1.0	29

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55	Suppression of IL-12 Production by Tristetraprolin through Blocking NF-ÐºB Nuclear Translocation. Journal of Immunology, 2013, 191, 3922-3930.	0.4	28
56	Monocyte Chemotactic Protein-induced Protein 1 and 4 Form a Complex but Act Independently in Regulation of Interleukin-6 mRNA Degradation. Journal of Biological Chemistry, 2015, 290, 20782-20792.	1.6	25
57	Evaluation of the Antioxidative, Antibacterial, and Anti-Inflammatory Effects of theAloeFermentation Supernatant ContainingLactobacillus plantarumHM218749.1. Mediators of Inflammation, 2016, 2016, 1-8.	1.4	25
58	TRIM65 E3 ligase targets VCAM-1 degradation to limit LPS-induced lung inflammation. Journal of Molecular Cell Biology, 2020, 12, 190-201.	1.5	25
59	TRIM59 expression is regulated by Sp1 and Nrf1 in LPS-activated macrophages through JNK signaling pathway. Cellular Signalling, 2020, 67, 109522.	1.7	24
60	Adiporedoxin suppresses endothelial activation via inhibiting MAPK and NF-ÎºB signaling. Scientific Reports, 2016, 6, 38975.	1.6	23
61	TRIM47 is a novel endothelial activation factor that aggravates lipopolysaccharide-induced acute lung injury in mice via K63-linked ubiquitination of TRAF2. Signal Transduction and Targeted Therapy, 2022, 7, 148.	7.1	23
62	Disrupting Roquin-1 interaction with Regnase-1 induces autoimmunity and enhances antitumor responses. Nature Immunology, 2021, 22, 1563-1576.	7.0	22
63	Heat shock protein 90 inhibitors suppress pyroptosis in THP-1 cells. Biochemical Journal, 2020, 477, 3923-3934.	1.7	21
64	Involvement of calcineurin in angiotensin II-induced cardiomyocyte hypertrophy and cardiac fibroblast hyperplasia of rats. Heart and Vessels, 1999, 14, 283-288.	0.5	19
65	Adipocyte-derived PAMM suppresses macrophage inflammation by inhibiting MAPK signalling. Biochemical Journal, 2015, 472, 309-318.	1.7	19
66	Regulation of CCL5 Expression in Smooth Muscle Cells Following Arterial Injury. PLoS ONE, 2012, 7, e30873.	1.1	18
67	CD38 Deficiency Promotes Inflammatory Response through Activating Sirt1/NF-ÎºB-Mediated Inhibition of TLR2 Expression in Macrophages. Mediators of Inflammation, 2018, 2018, 1-13.	1.4	18
68	MCPIP1 Deficiency in Mice Results in Severe Anemia Related to Autoimmune Mechanisms. PLoS ONE, 2013, 8, e82542.	1.1	17
69	Vascular Endothelial Glycocalyx Damage and Potential Targeted Therapy in COVID-19. Cells, 2022, 11, 1972.	1.8	17
70	Impaired expression of PPARÎ³ protein contributes to the exaggerated growth of vascular smooth muscle cells in spontaneously hypertensive rats. Life Sciences, 2005, 77, 3037-3048.	2.0	15
71	Bone Marrow Deficiency of MCPIP1 Results in Severe Multi-Organ Inflammation but Diminishes Atherogenesis in Hyperlipidemic Mice. PLoS ONE, 2013, 8, e80089.	1.1	15
72	Post-transcriptional gene regulation by RNA-binding proteins in vascular endothelial dysfunction. Science China Life Sciences, 2014, 57, 836-844.	2.3	14

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73	Keratinocyte-specific ablation of Mcpip1 impairs skin integrity and promotes local and systemic inflammation. Journal of Molecular Medicine, 2019, 97, 1669-1684.	1.7	14
74	Regnase-1 is essential for B cell homeostasis to prevent immunopathology. Journal of Experimental Medicine, 2021, 218, .	4.2	13
75	Deletion of Mcpip1 in Mcpip1fl/flAlbCre mice recapitulates the phenotype of human primary biliary cholangitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166086.	1.8	12
76	Identification of the interaction of VP1 with GM130 which may implicate in the pathogenesis of CVB3-induced acute pancreatitis. Scientific Reports, 2015, 5, 13324.	1.6	11
77	Short Communication: Preferential Killing of HIV Latently Infected CD4⁺T Cells by MALT1 Inhibitor. AIDS Research and Human Retroviruses, 2016, 32, 174-177.	0.5	11
78	RNase MCPIP1 regulates hepatic peroxisome proliferator-activated receptor gamma via TXNIP/PGC-1alpha pathway. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1458-1471.	1.2	11
79	Murine myeloid cell MCPIP1 suppresses autoimmunity by regulating B-cell expansion and differentiation. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	11
80	Pharmacological inhibition of MALT1 protease activity suppresses endothelial activation via enhancing MCPIP1 expression. Cellular Signalling, 2018, 50, 1-8.	1.7	9
81	Tristetraprolin Regulates TH17 Cell Function and Ameliorates DSS-Induced Colitis in Mice. Frontiers in Immunology, 2020, 11, 1952.	2.2	9
82	The Role of Ubiquitin E3 Ligase in Atherosclerosis. Current Medicinal Chemistry, 2020, 28, 152-168.	1.2	9
83	Computational Analysis on Down-Regulated Images of Macrophage Scavenger Receptor. Pharmaceutical Research, 2017, 34, 2066-2074.	1.7	6
84	Selective degradation of plasmid-derived mRNAs by MCPIP1 RNase. Biochemical Journal, 2019, 476, 2927-2938.	1.7	6
85	Loss of keratinocyte Mcpip1 abruptly activates the IL-23/Th17 and Stat3 pathways in skin inflammation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118866.	1.9	5
86	Role of Mcpip1 in obesityâ€induced hepatic steatosis as determined by myeloid and liverâ€specific conditional knockouts. FEBS Journal, 2021, 288, 6563-6580.	2.2	4
87	Molecular Mechanisms of ZC3H12C/Reg-3 Biological Activity and Its Involvement in Psoriasis Pathology. International Journal of Molecular Sciences, 2021, 22, 7311.	1.8	2
88	MCPIPâ€1 deficiency induces hepatic inflammation and impairs insulin signaling in mice. FASEB Journal, 2013, 27, 918.5.	0.2	0
89	TANK Inhibits Genotoxic NFâ€ºB Activation by Facilitating MCPIP1/USP10â€dependent Deubiquitination of TRAF6. FASEB Journal, 2015, 29, 728.17.	0.2	0