Matthias Gaestel

List of Publications by Year
in descending order

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254	25,934	11651	7160
papers	citations	70 h-index	153 g-index

266	266	266	36214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ERK3â€MK5 signaling regulates myogenic differentiation and muscle regeneration by promoting FoxO3 degradation. Journal of Cellular Physiology, 2022, 237, 2271-2287.	4.1	3
2	MAPK-Activated Protein Kinases: Servant or Partner?. Annual Review of Biochemistry, 2022, 91, 505-540.	11.1	48
3	Cover Image, Volume 237, Number 4, April 2022. Journal of Cellular Physiology, 2022, 237, .	4.1	0
4	MK2â€Deficient Mice Are Bradycardic and Display Delayed Hypertrophic Remodeling in Response to a Chronic Increase in Afterload. Journal of the American Heart Association, 2021, 10, e017791.	3.7	5
5	The p38/MK2 Axis in Monocytes of Fibromyalgia Syndrome Patients: An Explorative Study. Medicina (Lithuania), 2021, 57, 396.	2.0	1
6	Cytokine Storm. New England Journal of Medicine, 2021, 384, e59.	27.0	19
7	Inhibition of Mitogen-Activated Protein Kinase (MAPK)-Activated Protein Kinase 2 (MK2) is Protective in Pulmonary Hypertension. Hypertension, 2021, 77, 1248-1259.	2.7	12
8	MK2 degradation as a sensor of signal intensity that controls stress-induced cell fate. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
9	ILâ€3 is essential for ICOSâ€L stabilization on mast cells, and sustains the ILâ€33â€induced RORÎ³t⁺ T_{reg} generation via enhanced ILâ€6 induction. Immunology, 2021, 163, 86-97.	4.4	5
10	Cdc42â€Borg4â€Septin7 axis regulates HSC polarity and function. EMBO Reports, 2021, 22, e52931.	4.5	14
11	Involvement of mitogen-activated protein kinase (MAPK)-activated protein kinase 2 (MK2) in endothelial dysfunction associated with pulmonary hypertension. Life Sciences, 2021, 286, 120075.	4.3	3
12	Lyz2-Cre-Mediated Genetic Deletion of Septin7 Reveals a Role of Septins in Macrophage Cytokinesis and Kras-Driven Tumorigenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 795798.	3.7	3
13	SEPT7 Interacts with KIF20A and Regulates the Proliferative State of Neural Progenitor Cells During Cortical Development. Cerebral Cortex, 2020, 30, 3030-3043.	2.9	16
14	Phosphorylation of steroid receptor coactivator-3 (SRC-3) at serine 857 is regulated by the p38MAPK-MK2 axis and affects NF-ÎºB-mediated transcription. Scientific Reports, 2020, 10, 11388.	3.3	13
15	The IL-33-induced p38-/JNK1/2-TNFÎ± axis is antagonized by activation of Î²-adrenergic-receptors in dendritic cells. Scientific Reports, 2020, 10, 8152.	3.3	8
16	Tristetraprolin regulates necroptosis during tonic Toll-like receptor 4 (TLR4) signaling in murine macrophages. Journal of Biological Chemistry, 2020, 295, 4661-4672.	3.4	9
17	p38 MAPK signalling regulates cytokine production in IL-33 stimulated Type 2 Innate Lymphoid cells. Scientific Reports, 2020, 10, 3479.	3.3	28
18	Transcriptional, Postâ€transcriptional, and Postâ€translational Regulation of MK5 in Cardiac Cells. FASEB Journal, 2020, 34, 1-1.	0.5	0

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19	Septins: Active GTPases or just GTPâ€binding proteins?. Cytoskeleton, 2019, 76, 55-62.	2.0	21
20	ILâ€33â€activated murine mast cells control the dichotomy between RORÎ³t⁺ and Helios⁺T_{regs} via the MK2/3â€mediated ILâ€6 production in vitro. European Journal of Immunology, 2019, 49, 2159-2171.	2.9	8
21	Cooperative and distinct functions of MK2 and MK3 in the regulation of the macrophage transcriptional response to lipopolysaccharide. Scientific Reports, 2019, 9, 11021.	3.3	8
22	<scp>TIP</scp> 30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation. EMBO Molecular Medicine, 2019, 11, e10018.	6.9	17
23	The Role of TTP Phosphorylation in the Regulation of Inflammatory Cytokine Production by MK2/3. Journal of Immunology, 2019, 203, 2291-2300.	0.8	28
24	Alternative Translation Initiation Generates a Functionally Distinct Isoform of the Stress-Activated Protein Kinase MK2. Cell Reports, 2019, 27, 2859-2870.e6.	6.4	22
25	The MK2 cascade regulates mGluR-dependent synaptic plasticity and reversal learning. Neuropharmacology, 2019, 155, 121-130.	4.1	17
26	Transcript levels for extracellular matrix proteins are altered in MK5-deficient cardiac ventricular fibroblasts. Journal of Molecular and Cellular Cardiology, 2019, 132, 164-177.	1.9	11
27	Proinflammatory Effect of Endothelial Microparticles Is Mitochondria Mediated and Modulated Through MAPKAPK2 (MAPK-Activated Protein Kinase 2) Leading to Attenuation of Cardiac Hypertrophy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1100-1112.	2.4	27
28	MK5 haplodeficiency decreases collagen deposition and scar size during post-myocardial infarction wound repair. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1281-H1296.	3.2	9
29	GIGYF1/2-Driven Cooperation between ZNF598 and TTP in Posttranscriptional Regulation of Inflammatory Signaling. Cell Reports, 2019, 26, 3511-3521.e4.	6.4	44
30	<scp>IL</scp>â€33 regulates cytokine production and neutrophil recruitment via the p38 <scp>MAPK</scp>â€activated kinases <scp>MK</scp>2/3. Immunology and Cell Biology, 2019, 97, 54-71.	2.3	42
31	Germ Line Deletion Reveals a Nonessential Role of Atypical Mitogen-Activated Protein Kinase 6/Extracellular Signal-Regulated Kinase 3. Molecular and Cellular Biology, 2019, 39, .	2.3	9
32	The p38-MK2/3 Module Is Critical for IL-33â€“Induced Signaling and Cytokine Production in Dendritic Cells. Journal of Immunology, 2018, 200, 1198-1206.	0.8	28
33	MK2â€“TNFâ€“Signaling Comes Full Circle. Trends in Biochemical Sciences, 2018, 43, 170-179.	7.5	37
34	To die or not to die: Regulatory feedback phosphorylation circuits determine receptor-interacting protein kinase-1 (RIPK1) function. Molecular and Cellular Oncology, 2018, 5, e1396389.	0.7	2
35	T cell LFA-1-induced proinflammatory mRNA stabilization is mediated by the p38 pathway kinase MK2 in a process regulated by hnRNPs C, H1 and K. PLoS ONE, 2018, 13, e0201103.	2.5	0
36	Differentiated macrophages acquire a pro-inflammatory and cell deathâ€“resistant phenotype due to increasing XIAP and p38-mediated inhibition of RipK1. Journal of Biological Chemistry, 2018, 293, 11913-11927.	3.4	20

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37	Mapkap Kinase 2/3 (MK2/3). , 2018, , 2958-2963.		0
38	Synergy between FLT3-ITD and p53 Haploinsufficiency or Loss in the Development of Acute Myeloid Leukemia. Blood, 2018, 132, 771-771.	1.4	0
39	IL-1Î²-induced and p38MAPK-dependent activation of the mitogen-activated protein kinase-activated protein kinase 2 (MK2) in hepatocytes: Signal transduction with robust and concentration-independent signal amplification. Journal of Biological Chemistry, 2017, 292, 6291-6302.	3.4	14
40	MK5 haplodeficiency attenuates hypertrophy and preserves diastolic function during remodeling induced by chronic pressure overload in the mouse heart. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H46-H58.	3.2	15
41	p38MAPK/MK2-dependent phosphorylation controls cytotoxic RIPK1 signalling in inflammation andÂinfection. Nature Cell Biology, 2017, 19, 1248-1259.	10.3	188
42	EMC10 (Endoplasmic Reticulum Membrane Protein Complex Subunit 10) Is a Bone Marrowâ€“Derived Angiogenic Growth Factor Promoting Tissue Repair After Myocardial Infarction. Circulation, 2017, 136, 1809-1823.	1.6	32
43	Mitogen-Activated Protein Kinase 2 Signaling Shapes Macrophage Plasticity in Aggregatibacter actinomycetemcomitans-Induced Bone Loss. Infection and Immunity, 2017, 85, .	2.2	7
44	Editorial: Emerging Functions of Septins. Frontiers in Cell and Developmental Biology, 2017, 5, 73.	3.7	4
45	Blockade of <scp>MK</scp>2 is protective in inflammationâ€associated colorectal cancer development. International Journal of Cancer, 2016, 138, 770-775.	5.1	32
46	Tumour necrosis factor-Î± plays a significant role in the Aldara-induced skin inflammation in mice. British Journal of Dermatology, 2016, 174, 1011-1021.	1.5	17
47	Stress-dependent phosphorylation of myocardin-related transcription factor A (MRTF-A) by the p38MAPK/MK2 axis. Scientific Reports, 2016, 6, 31219.	3.3	18
48	TPL2 meets p38MAPK: emergence of a novel positive feedback loop in inflammation. Biochemical Journal, 2016, 473, 2995-2999.	3.7	15
49	MK2/3 Are Pivotal for IL-33â€“Induced and Mast Cellâ€“Dependent Leukocyte Recruitment and the Resulting Skin Inflammation. Journal of Immunology, 2016, 197, 3662-3668.	0.8	54
50	Normal endothelial but impaired arterial development in MAP-Kinase activated protein kinase 2 (MK2) deficient mice. Vascular Cell, 2016, 8, 4.	0.2	8
51	GTPase domain driven dimerization of SEPT7 is dispensable for the critical role of septins in fibroblast cytokinesis. Scientific Reports, 2016, 6, 20007.	3.3	27
52	ZDHHC3 Tyrosine Phosphorylation Regulates Neural Cell Adhesion Molecule Palmitoylation. Molecular and Cellular Biology, 2016, 36, 2208-2225.	2.3	43
53	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
54	A dominant mutation inMAPKAPK3, an actor of p38 signaling pathway, causes a new retinal dystrophy involving Bruch's membrane and retinal pigment epithelium. Human Molecular Genetics, 2016, 25, 916-926.	2.9	13

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55	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
56	Extracellular-signal regulated kinase (Erk1/2), mitogen-activated protein kinase-activated protein kinase 2 (MK2) and tristetraprolin (TTP) comprehensively regulate injury-induced immediate early gene (IEG) response in in vitro liver organ culture. Cellular Signalling, 2016, 28, 438-447.	3.6	11
57	Targeting p38 or MK2 Enhances the Anti-Leukemic Activity of Smac-Mimetics. Cancer Cell, 2016, 29, 145-158.	16.8	93
58	MAPKAP kinase 2 regulates IL-10 expression and prevents formation of intrahepatic myeloid cell aggregates during cytomegalovirus infections. Journal of Hepatology, 2016, 64, 380-389.	3.7	21
59	MK2 Deletion in Mice Prevents Diabetes-Induced Perturbations in Lipid Metabolism and Cardiac Dysfunction. Diabetes, 2016, 65, 381-392.	0.6	29
60	Mapkap Kinase 2/3 (MK2/3). , 2016, , 1-6.		0
61	Dihydrotanshinone-I interferes with the RNA-binding activity of HuR affecting its post-transcriptional function. Scientific Reports, 2015, 5, 16478.	3.3	65
62	The stress-responsive kinases MAPKAPK2/MAPKAPK3 activate starvation-induced autophagy through Beclin 1 phosphorylation. ELife, 2015, 4, .	6.0	159
63	Sexual Dimorphism in MAPK-Activated Protein Kinase-2 (MK2) Regulation of RANKL-Induced Osteoclastogenesis in Osteoclast Progenitor Subpopulations. PLoS ONE, 2015, 10, e0125387.	2.5	19
64	Label-Free Protein-RNA Interactome Analysis Identifies Khsrp Signaling Downstream of the p38/Mk2 Kinase Complex as a Critical Modulator of Cell Cycle Progression. PLoS ONE, 2015, 10, e0125745.	2.5	32
65	Comparative Analysis of Two Gene-Targeting Approaches Challenges the Tumor-Suppressive Role of the Protein Kinase MK5/PRAK. PLoS ONE, 2015, 10, e0136138.	2.5	15
66	Oncostatin M regulates SOCS3 mRNA stability via the MEKâ€“ERK1/2-pathway independent of p38MAPK/MK2. Cellular Signalling, 2015, 27, 555-567.	3.6	23
67	Sep(t)arate or not â€“ how some cells take septin-independent routes through cytokinesis. Journal of Cell Science, 2015, 128, 1877-1886.	2.0	41
68	The MAPK-Activated Kinase MK2 Attenuates Dendritic Cellâ€“Mediated Th1 Differentiation and Autoimmune Encephalomyelitis. Journal of Immunology, 2015, 195, 541-552.	0.8	17
69	Treatment of Obese Insulin-Resistant Mice With an Allosteric MAPKAPK2/3 Inhibitor Lowers Blood Glucose and Improves Insulin Sensitivity. Diabetes, 2015, 64, 3396-3405.	0.6	31
70	Mitogen-activated protein kinase-activated protein kinase 2 mediates resistance to hydrogen peroxide-induced oxidative stress in human hepatobiliary cancer cells. Free Radical Biology and Medicine, 2015, 89, 34-46.	2.9	20
71	The problem of pyridinyl imidazole class inhibitors of MAPK14/p38Î± and MAPK11/p38Î² in autophagy research. Autophagy, 2015, 11, 1425-1427.	9.1	26
72	Noradrenaline enhances angiotensin II responses via p38 MAPK activation after hypoxia/reâ€oxygenation in renal interlobar arteries. Acta Physiologica, 2015, 213, 920-932.	3.8	14

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73	p38^{MAPK}/MK2-mediated phosphorylation of RBM7 regulates the human nuclear exosome targeting complex. Rna, 2015, 21, 262-278.	3.5	40
74	MAPK-Activated Protein Kinases (MKs): Novel Insights and Challenges. Frontiers in Cell and Developmental Biology, 2015, 3, 88.	3.7	62
75	MAP-Kinase Activated Protein Kinase 2 Links Endothelial Activation and Monocyte/macrophage Recruitment in Arteriogenesis. PLoS ONE, 2015, 10, e0138542.	2.5	17
76	MK2 and Fas Receptor Contribute to the Severity of CNS Demyelination. PLoS ONE, 2014, 9, e100363.	2.5	8
77	Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 Deficiency Reduces Insulin Sensitivity in High-Fat Diet-Fed Mice. PLoS ONE, 2014, 9, e106300.	2.5	10
78	Deficiency of MAPK-activated protein kinase 2 (MK2) prevents adverse remodelling and promotes endothelial healing after arterial injury. Thrombosis and Haemostasis, 2014, 112, 1264-1276.	3.4	20
79	MAPKAP kinase 3 suppresses Ifng gene expression and attenuates NK cell cytotoxicity and Th1 CD4 Tâ€cell development upon influenza A virus infection. FASEB Journal, 2014, 28, 4235-4246.	0.5	12
80	Mitogen-Activated Protein Kinaseâ€“Activated Protein Kinase 2 Mediates Apoptosis during Lung Vascular Permeability by Regulating Movement of Cleaved Caspase 3. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 932-941.	2.9	39
81	Genetic Deletion of SEPT7 Reveals a Cell Type-Specific Role of Septins in Microtubule Destabilization for the Completion of Cytokinesis. PLoS Genetics, 2014, 10, e1004558.	3.5	90
82	MAPKAP Kinase 2 (MK2)-Dependent and -Independent Models of Blister Formation in Pemphigus Vulgaris. Journal of Investigative Dermatology, 2014, 134, 68-76.	0.7	47
83	The Role of Mammalian MAPK Signaling in Regulation of Cytokine mRNA Stability and Translation. Journal of Interferon and Cytokine Research, 2014, 34, 220-232.	1.2	69
84	TNF and Increased Intracellular Iron Alter Macrophage Polarization to a Detrimental M1 Phenotype in the Injured Spinal Cord. Neuron, 2014, 83, 1098-1116.	8.1	504
85	The MK2/3 cascade regulates AMPAR trafficking and cognitive flexibility. Nature Communications, 2014, 5, 4701.	12.8	55
86	Expression of fibulin-6 in failing hearts and its role for cardiac fibroblast migration. Cardiovascular Research, 2014, 103, 509-520.	3.8	25
87	Cross Talk between the Akt and p38Î± Pathways in Macrophages Downstream of Toll-Like Receptor Signaling. Molecular and Cellular Biology, 2013, 33, 4152-4165.	2.3	74
88	LPS-induced production of TNF-Î± and IL-6 in mast cells is dependent on p38 but independent of TTP. Cellular Signalling, 2013, 25, 1339-1347.	3.6	30
89	Mitogen-Activated Protein Kinase-Activated Protein Kinases 2 and 3 Regulate SERCA2a Expression and Fiber Type Composition To Modulate Skeletal Muscle and Cardiomyocyte Function. Molecular and Cellular Biology, 2013, 33, 2586-2602.	2.3	43
90	What goes up must come down: molecular basis of MAPKAP kinase 2/3-dependent regulation of the inflammatory response and its inhibition. Biological Chemistry, 2013, 394, 1301-1315.	2.5	53

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91	Mitogen-activated protein kinase 2 regulates physiological and pathological bone turnover. Journal of Bone and Mineral Research, 2013, 28, 936-947.	2.8	12
92	p38Î± Senses Environmental Stress To Control Innate Immune Responses via Mechanistic Target of Rapamycin. Journal of Immunology, 2013, 190, 1519-1527.	0.8	27
93	Damage-induced DNA replication stalling relies on MAPK-activated protein kinase 2 activity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16856-16861.	7.1	64
94	Endoplasmic reticulum-associated ubiquitin-conjugating enzyme Ube2j1 is a novel substrate of MK2 (MAPKAP kinase-2) involved in MK2-mediated TNFÎ± production. Biochemical Journal, 2013, 456, 163-172.	3.7	26
95	Crucial Roles of the Protein Kinases MK2 and MK3 in a Mouse Model of Glomerulonephritis. PLoS ONE, 2013, 8, e54239.	2.5	18
96	The p38/MK2-Driven Exchange between Tristetraprolin and HuR Regulates AUâ€“Rich Elementâ€“Dependent Translation. PLoS Genetics, 2012, 8, e1002977.	3.5	185
97	The Extracellular Signal-Regulated Kinase 3 (Mitogen-Activated Protein Kinase 6) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Tc Morphology. Molecular and Cellular Biology, 2012, 32, 2467-2478.	2.3	63
98	The stress-activated protein kinases p38Î±/Î² and JNK1/2 cooperate with Chk1 to inhibit mitotic entry upon DNA replication arrest. Cell Cycle, 2012, 11, 3627-3637.	2.6	31
99	AATF/Che-1 acts as a phosphorylation-dependent molecular modulator to repress p53-driven apoptosis. EMBO Journal, 2012, 31, 3961-3975.	7.8	53
100	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
101	Monopolar Spindle 1, Mps1. , 2012, , 1114-1114.		0
102	Anthrax lethal toxin disrupts the endothelial permeability barrier through blocking p38 signaling. Journal of Cellular Physiology, 2012, 227, 1438-1445.	4.1	28
103	Small-Molecule Protein and Lipid Kinase Inhibitors in Inflammation and Specific Models for Their Evaluation. Methods in Molecular Biology, 2012, 795, 35-44.	0.9	1
104	The MK5/PRAK Kinase and Myc Form a Negative Feedback Loop that Is Disrupted during Colorectal Tumorigenesis. Molecular Cell, 2011, 41, 445-457.	9.7	127
105	Monitoring proteinâ€“protein interactions in mammalian cells by trans-SUMOylation. Biochemical Journal, 2011, 438, 495-503.	3.7	14
106	Signal integration, crosstalk mechanisms and networks in the function of inflammatory cytokines. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 2165-2175.	4.1	81
107	Distinct Functions of the Mitogen-activated Protein Kinase-activated Protein (MAPKAP) Kinases MK2 and MK3. Journal of Biological Chemistry, 2011, 286, 24113-24124.	3.4	65
108	Mitogen-Activated Protein Kinaseâ€“Activated Protein Kinase 2 in Angiotensin IIâ€“Induced Inflammation and Hypertension. Hypertension, 2011, 57, 245-254.	2.7	60

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109	Stress induced gene expression: a direct role for MAPKAP kinases in transcriptional activation of immediate early genes. Nucleic Acids Research, 2011, 39, 2503-2518.	14.5	54
110	SB202190-Induced Cell Type-Specific Vacuole Formation and Defective Autophagy Do Not Depend on p38 MAP Kinase Inhibition. PLoS ONE, 2011, 6, e23054.	2.5	49
111	Biological monitoring of nonâ€thermal effects of mobile phone radiation: recent approaches and challenges. Biological Reviews, 2010, 85, 489-500.	10.4	29
112	Mice Deficient In MK2 Show Increased Susceptibility To Pseudomonas Aeruginosa Infection. , 2010, , .		0
113	Molecular mechanisms of phosphorylation-regulated TTP (tristetraprolin) action and screening for further TTP-interacting proteins. Biochemical Society Transactions, 2010, 38, 1632-1637.	3.4	14
114	MAPKAP kinases MK2 and MK3 in inflammation: Complex regulation of TNF biosynthesis via expression and phosphorylation of tristetraprolin. Biochemical Pharmacology, 2010, 80, 1915-1920.	4.4	106
115	Characterization of the expression and regulation of MK5 in the murine ventricular myocardium. Cellular Signalling, 2010, 22, 1063-1075.	3.6	22
116	Characterization of a novel MK3 splice variant from murine ventricular myocardium. Cellular Signalling, 2010, 22, 1502-1512.	3.6	5
117	MAPKAPK-2 Signaling Is Critical for Cutaneous Wound Healing. Journal of Investigative Dermatology, 2010, 130, 278-286.	0.7	43
118	MAP kinaseâ€activated protein kinases 2 and 3 are required for influenza A virus propagation and act via inhibition of PKR. FASEB Journal, 2010, 24, 4068-4077.	0.5	30
119	Regulation of vimentin intermediate filaments in endothelial cells by hypoxia. American Journal of Physiology - Cell Physiology, 2010, 299, C363-C373.	4.6	59
120	Cross-regulation of cytokine signalling: pro-inflammatory cytokines restrict IL-6 signalling through receptor internalisation and degradation. Journal of Cell Science, 2010, 123, 947-959.	2.0	90
121	p38 MAPK/MK2-mediated induction of miR-34c following DNA damage prevents Myc-dependent DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5375-5380.	7.1	159
122	p38 MAP Kinase and MAPKAP Kinases MK2/3 Cooperatively Phosphorylate Epithelial Keratins*. Journal of Biological Chemistry, 2010, 285, 33242-33251.	3.4	28
123	TRIF Signaling Stimulates Translation of TNF-Î± mRNA via Prolonged Activation of MK2. Journal of Immunology, 2010, 184, 5842-5848.	0.8	48
124	Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 (MK2) Contributes to Secondary Damage after Spinal Cord Injury. Journal of Neuroscience, 2010, 30, 13750-13759.	3.6	54
125	The Role of Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 in the p38/TNF-Î± Pathway of Systemic and Cutaneous Inflammation. Journal of Investigative Dermatology, 2010, 130, 481-491.	0.7	38
126	The p38 MAPK Regulates IL-24 Expression by Stabilization of the 3â€² UTR of IL-24 mRNA. PLoS ONE, 2010, 5, e8671.	2.5	35

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127	Mitogen Activated Protein Kinase Activated Protein Kinase 2 Regulates Actin Polymerization and Vascular Leak in Ventilator Associated Lung Injury. PLoS ONE, 2009, 4, e4600.	2.5	53
128	RIG-I-mediated Activation of p38 MAPK Is Essential for Viral Induction of Interferon and Activation of Dendritic Cells. Journal of Biological Chemistry, 2009, 284, 10774-10782.	3.4	104
129	MAPK-activated Protein Kinase 2 Differentially Regulates Plasmodium falciparum Glycosylphosphatidylinositol-induced Production of Tumor Necrosis Factor-Î± and Interleukin-12 in Macrophages. Journal of Biological Chemistry, 2009, 284, 15750-15761.	3.4	34
130	Peptides as Signaling Inhibitors for Mammalian MAP Kinase Cascades. Current Pharmaceutical Design, 2009, 15, 2471-2480.	1.9	21
131	MK2 regulates the early stages of skin tumor promotion. Carcinogenesis, 2009, 30, 2100-2108.	2.8	35
132	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
133	Fluorescenceâ€based quantitative scratch wound healing assay demonstrating the role of MAPKAPKâ€2/3 in fibroblast migration. Cytoskeleton, 2009, 66, 1041-1047.	4.4	55
134	Modulation of HSP27 alters hypoxiaâ€induced endothelial permeability and related signaling pathways. Journal of Cellular Physiology, 2009, 220, 600-610.	4.1	29
135	MAPKAPK-2 modulates p38-MAPK localization and small heat shock protein phosphorylation but does not mediate the injury associated with p38-MAPK activation during myocardial ischemia. Cell Stress and Chaperones, 2009, 14, 477-489.	2.9	20
136	MAPKAP kinase MK2 maintains self-renewal capacity of haematopoietic stem cells. EMBO Journal, 2009, 28, 1392-1406.	7.8	28
137	Reduced Oxazolone-Induced Skin Inflammation in MAPKAP Kinase 2 Knockout Mice. Journal of Investigative Dermatology, 2009, 129, 891-898.	0.7	36
138	NAMPT is essential for the G-CSFâ€“induced myeloid differentiation via a NAD+â€“sirtuin-1â€“dependent pathway. Nature Medicine, 2009, 15, 151-158.	30.7	195
139	Targeting innate immunity protein kinase signalling in inflammation. Nature Reviews Drug Discovery, 2009, 8, 480-499.	46.4	307
140	Adenosine increases calcium sensitivity via receptor-independent activation of the p38/MK2 pathway in mesenteric arteries. Acta Physiologica, 2008, 193, 37-46.	3.8	13
141	MAPKAP kinase 2â€deficiency prevents neurons from cell death by reducing neuroinflammation â€“ relevance in a mouse model of Parkinsonâ€™s disease. Journal of Neurochemistry, 2008, 105, 2039-2052.	3.9	72
142	MAPâ€kinaseâ€activated protein kinase 2 expression and activity is induced after neuronal depolarization. European Journal of Neuroscience, 2008, 28, 642-654.	2.6	15
143	360 Cross-regulation of cytokine signalling: Pro-inflammatory cytokines restrict IL-6 signalling through receptor internalisation and degradation. Cytokine, 2008, 43, 329.	3.2	0
144	Mutually exclusive STAT1 modifications identified by Ubc9/substrate dimerization-dependent SUMOylation. Nucleic Acids Research, 2008, 37, e30-e30.	14.5	25

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145	Roles for TAB1 in regulating the IL-1-dependent phosphorylation of the TAB3 regulatory subunit and activity of the TAK1 complex. Biochemical Journal, 2008, 409, 711-722.	3.7	59
146	Deletion of MK2 signalling in vivo inhibits small Hsp phosphorylation but not diabetic nephropathy. Nephrology Dialysis Transplantation, 2008, 23, 1844-1853.	0.7	13
147	MK2 and MK3 - a pair of isoenzymes?. Frontiers in Bioscience - Landmark, 2008, Volume, 5511.	3.0	65
148	Specificity of signaling from MAPKs to MAPKAPKs: Kinases' Tango Nuevo. Frontiers in Bioscience - Landmark, 2008, Volume, 6050.	3.0	35
149	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
150	Protein Kinases as Small Molecule Inhibitor Targets in Inflammation. Current Medicinal Chemistry, 2007, 14, 2214-2234.	2.4	85
151	Lack of MK2 Inhibits Myofibroblast Formation and Exacerbates Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 507-517.	2.9	48
152	The Mitogen-Activated Protein Kinase (MAPK)-Activated Protein Kinases MK2 and MK3 Cooperate in Stimulation of Tumor Necrosis Factor Biosynthesis and Stabilization of p38 MAPK. Molecular and Cellular Biology, 2007, 27, 170-181.	2.3	211
153	Ubc9 fusion-directed SUMOylation identifies constitutive and inducible SUMOylation. Nucleic Acids Research, 2007, 35, e109-e109.	14.5	28
154	MK2 controls the level of negative feedback in the NF-Î²B pathway and is essential for vascular permeability and airway inflammation. Journal of Experimental Medicine, 2007, 204, 1637-1652.	8.5	89
155	Systemic Deficiency of the MAP Kinaseâ€“Activated Protein Kinase 2 Reduces Atherosclerosis in Hypercholesterolemic Mice. Circulation Research, 2007, 101, 1104-1112.	4.5	69
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