

# Chuen-Mao Yang

## List of Publications by Year in descending order

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213  
papers

9,036  
citations

36691

53  
h-index

68831

81  
g-index

218  
all docs

218  
docs citations

218  
times ranked

13378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of FoxO1, Sp1, and Nrf2 in Upregulation of Negative Regulator of ROS by 15d-PGJ2 Attenuates H2O2-Induced IL-6 Expression in Rat Brain Astrocytes. <i>Neurotoxicity Research</i> , 2022, 40, 154-172.	1.3	2
2	Anti-Inflammatory Effects of Rhamnetin on Bradykinin-Induced Matrix Metalloproteinase-9 Expression and Cell Migration in Rat Brain Astrocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 609.	1.8	3
3	Sphingosine 1-Phosphate-Upregulated COX-2/PGE2 System Contributes to Human Cardiac Fibroblast Apoptosis: Involvement of MMP-9-Dependent Transactivation of EGFR Cascade. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 1-22.	1.9	2
4	5,8-Dihydroxy-4<math xmlns="http://www.w3.org/1998/Math/MathML" id="M1"><sup><mrow /><mrow><mo>â€²</mo></mrow></msup></math>, 7-dimethoxyflavone Attenuates TNF- $\alpha$ -Induced Expression of Vascular Cell Adhesion Molecule-1 through EGFR/PKC $\alpha$ /PI3K/Akt/Sp1-Dependent Induction of Heme Oxygenase-1 in Human Cardiac Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 1-15.	1.9	0
5	Induction of Heme Oxygenase-1 by 15d-Prostaglandin J2 Mediated via a ROS-Dependent Sp1 and AP-1 Cascade Suppresses Lipopolysaccharide-Triggered Interleukin-6 Expression in Mouse Brain Microvascular Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 719.	2.2	4
6	Thrombin Induces COX-2 and PGE2 Expression via PAR1/PKC $\alpha$ /MAPK-Dependent NF- $\kappa$ B Activation in Human Tracheal Smooth Muscle Cells. <i>Mediators of Inflammation</i> , 2022, 2022, 1-18.	1.4	9
7	HO-1 Upregulation by Kaempferol via ROS-Dependent Nrf2-ARE Cascade Attenuates Lipopolysaccharide-Mediated Intercellular Cell Adhesion Molecule-1 Expression in Human Pulmonary Alveolar Epithelial Cells. <i>Antioxidants</i> , 2022, 11, 782.	2.2	8
8	Participation of lipopolysaccharide in hyperplastic adipose expansion: Involvement of NADPH oxidase/ROS/p42/p44 MAPK-dependent Cyclooxygenase-2. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3850-3861.	1.6	3
9	Chinese Herbs and Repurposing Old Drugs as Therapeutic Agents in the Regulation of Oxidative Stress and Inflammation in Pulmonary Diseases. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 657-687.	1.6	14
10	Upregulation of COX-2 and PGE2 Induced by TNF- $\alpha$ Mediated Through TNFR1/MitoROS/PKC $\alpha$ /P38 MAPK, JNK1/2/FoxO1 Cascade in Human Cardiac Fibroblasts. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2807-2824.	1.6	12
11	Carbon Monoxide Releasing Molecule-3 Enhances Heme Oxygenase-1 Induction via ROS-Dependent FoxO1 and Nrf2 in Brain Astrocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	1.9	8
12	Lipopolysaccharide-Induced Matrix Metalloproteinase-9 Expression Associated with Cell Migration in Rat Brain Astrocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 259.	1.8	21
13	Sphingosine 1-Phosphate Induces Cyclooxygenase-2/Prostaglandin E2 Expression via PKC $\alpha$ -dependent Mitogen-Activated Protein Kinases and NF- $\kappa$ B Cascade in Human Cardiac Fibroblasts. <i>Frontiers in Pharmacology</i> , 2020, 11, 569802.	1.6	13
14	Galangin Inhibits LPS-Induced MMP-9 Expression via Suppressing Protein Kinase-Dependent AP-1 and FoxO1 Activation in Rat Brain Astrocytes. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 945-960.	1.6	23
15	Pristimerin Inhibits MMP-9 Expression and Cell Migration Through Attenuating NOX/ROS-Dependent NF- $\kappa$ B Activation in Rat Brain Astrocytes Challenged with LPS. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 325-341.	1.6	32
16	Induction of HO-1 by 5, 8-Dihydroxy-4<math xmlns="http://www.w3.org/1998/Math/MathML" id="M1"><sup><mrow /><mrow><mo>â€²</mo></mrow></msup></math>, 7-Dimethoxyflavone via Activation of ROS/p38 MAPK/Nrf2 Attenuates Thrombin-Induced Connective Tissue Growth Factor Expression in Human Cardiac Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	1.9	18
17	Mevastatin-Induced AP-1-Dependent HO-1 Expression Suppresses Vascular Cell Adhesion Molecule-1 Expression and Monocyte Adhesion on Human Pulmonary Alveolar Epithelial Cells Challenged with TNF- $\alpha$ . <i>Biomolecules</i> , 2020, 10, 381.	1.8	10
18	Induction of HO-1 by Mevastatin Mediated via a Nox/ROS-Dependent c-Src/PDGFR $\beta$ /PI3K/Akt/Nrf2/ARE Cascade Suppresses TNF- $\alpha$ -Induced Lung Inflammation. <i>Journal of Clinical Medicine</i> , 2020, 9, 226.	1.0	24

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19	Neuroprotective Effects of Dehydroepiandrosterone Sulfate Through Inhibiting Expression of Matrix Metalloproteinase-9 from Bradykinin-Challenged Astroglia. <i>Molecular Neurobiology</i> , 2019, 56, 736-747.	1.9	9
20	Lysophosphatidylcholine-induced mitochondrial fission contributes to collagen production in human cardiac fibroblasts. <i>Journal of Lipid Research</i> , 2019, 60, 1573-1589.	2.0	23
21	Carbon Monoxide Releasing Molecule-2-Upregulated ROS-Dependent Heme Oxygenase-1 Axis Suppresses Lipopolysaccharide-Induced Airway Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3157.	1.8	30
22	Lipopolysaccharide promoted proliferation and adipogenesis of preadipocytes through JAK/STAT and AMPK-regulated cPLA2 expression. <i>International Journal of Medical Sciences</i> , 2019, 16, 167-179.	1.1	24
23	Carbon monoxide releasing molecule-2 protects against particulate matter-induced lung inflammation by inhibiting TLR2 and 4/ROS/NLRP3 inflammasome activation. <i>Molecular Immunology</i> , 2019, 112, 163-174.	1.0	28
24	RTA 408 Inhibits Interleukin-1 $\beta$ -Induced MMP-9 Expression via Suppressing Protein Kinase-Dependent NF- $\kappa$ B and AP-1 Activation in Rat Brain Astrocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2826.	1.8	24
25	CO-Releasing Molecule-2 Induces Nrf2/ARE-Dependent Heme Oxygenase-1 Expression Suppressing TNF- $\alpha$ -Induced Pulmonary Inflammation. <i>Journal of Clinical Medicine</i> , 2019, 8, 436.	1.0	15
26	Heme oxygenase-1 induction by rosiglitazone via PKC $\zeta$ /AMPK $\alpha$ /p38 MAPK $\alpha$ /SIRT1/PPAR $\gamma$ pathway suppresses lipopolysaccharide-mediated pulmonary inflammation. <i>Biochemical Pharmacology</i> , 2018, 148, 222-237.	2.0	37
27	Arachidonic Acid Induces ARE/Nrf2-Dependent Heme Oxygenase-1 Transcription in Rat Brain Astrocytes. <i>Molecular Neurobiology</i> , 2018, 55, 3328-3343.	1.9	26
28	Up-regulation of PYK2/PKC $\delta$ -dependent haem oxygenase-1 by CO-releasing molecule-2 attenuates TNF $\alpha$ -induced lung inflammation. <i>British Journal of Pharmacology</i> , 2018, 175, 456-468.	2.7	9
29	Galangin Inhibits Thrombin-Induced MMP-9 Expression in SK-N-SH Cells via Protein Kinase-Dependent NF- $\kappa$ B Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4084.	1.8	32
30	Carbon monoxide ameliorates Staphylococcus aureus-elicited COX-2/IL-6/MMP-9-dependent human aortic endothelial cell migration and inflammatory responses. <i>Immunology Letters</i> , 2018, 203, 40-49.	1.1	7
31	Resveratrol Attenuates Staphylococcus Aureus-Induced Monocyte Adhesion through Downregulating PDGFR/AP-1 Activation in Human Lung Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3058.	1.8	11
32	Lysophosphatidylcholine induces cyclooxygenase-2-dependent IL-6 expression in human cardiac fibroblasts. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4599-4617.	2.4	11
33	Haem oxygenase-1 up-regulation by rosiglitazone via ROS-dependent Nrf2-antioxidant response elements axis or PPAR $\gamma$ attenuates LPS-mediated lung inflammation. <i>British Journal of Pharmacology</i> , 2018, 175, 3928-3946.	2.7	48
34	High-Glucose-Derived Oxidative Stress-Dependent Heme Oxygenase-1 Expression from Astrocytes Contributes to the Neuronal Apoptosis. <i>Molecular Neurobiology</i> , 2017, 54, 470-483.	1.9	35
35	Thrombin Enhanced Matrix Metalloproteinase-9 Expression and Migration of SK-N-SH Cells via PAR-1, c-Src, PYK2, EGFR, Erk1/2 and AP-1. <i>Molecular Neurobiology</i> , 2017, 54, 3476-3491.	1.9	27
36	Resveratrol inhibits BK-induced COX-2 transcription by suppressing acetylation of AP-1 and NF- $\kappa$ B in human rheumatoid arthritis synovial fibroblasts. <i>Biochemical Pharmacology</i> , 2017, 132, 77-91.	2.0	75

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37	Heme Oxygenase-1 Induction by Carbon Monoxide Releasing Molecule-3 Suppresses Interleukin-1 $\beta$ -Mediated Neuroinflammation. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 387.	1.4	36
38	NADPH Oxidase/ROS-Dependent VCAM-1 Induction on TNF- $\alpha$ -Challenged Human Cardiac Fibroblasts Enhances Monocyte Adhesion. <i>Frontiers in Pharmacology</i> , 2016, 6, 310.	1.6	24
39	Sphingosine 1-Phosphate-Induced ICAM-1 Expression via NADPH Oxidase/ROS-Dependent NF- $\kappa$ B Cascade on Human Pulmonary Alveolar Epithelial Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 80.	1.6	18
40	TNF- $\alpha$ -Induced cPLA2 Expression via NADPH Oxidase/Reactive Oxygen Species-Dependent NF- $\kappa$ B Cascade on Human Pulmonary Alveolar Epithelial Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 447.	1.6	23
41	AdipoR-increased intracellular ROS promotes cPLA <sub>2</sub> and COX-2 expressions via activation of PKC and p300 in adiponectin-stimulated human alveolar type II cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L255-L269.	1.3	23
42	Lipopolysaccharide induces ICAM-1 expression via a c-Src/NADPH oxidase/ROS-dependent NF- $\kappa$ B pathway in human pulmonary alveolar epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L639-L657.	1.3	63
43	Evaluation of Anti-Inflammatory Effects of <i>Helminthostachys zeylanica</i> Extracts via Inhibiting Bradykinin-Induced MMP-9 Expression in Brain Astrocytes. <i>Molecular Neurobiology</i> , 2016, 53, 5995-6005.	1.9	23
44	Thrombin/Matrix Metalloproteinase-9-Dependent SK-N-SH Cell Migration is Mediated Through a PLC/PKC/MAPKs/NF- $\kappa$ B Cascade. <i>Molecular Neurobiology</i> , 2016, 53, 5833-5846.	1.9	10
45	Diminished COX-2/PGE2-Mediated Antiviral Response Due to Impaired NOX/MAPK Signaling in G6PD-Knockdown Lung Epithelial Cells. <i>PLoS ONE</i> , 2016, 11, e0153462.	1.1	19
46	Tumor necrosis factor- $\alpha$ induces VCAM-1-mediated inflammation via c-Src-dependent transactivation of EGF receptors in human cardiac fibroblasts. <i>Journal of Biomedical Science</i> , 2015, 22, 53.	2.6	51
47	Mevastatin ameliorates sphingosine 1-phosphate-induced COX-2/PGE2-dependent cell migration via FoxO1 and CREB phosphorylation and translocation. <i>British Journal of Pharmacology</i> , 2015, 172, 5360-5376.	2.7	24
48	c-Src-dependent transactivation of EGFR mediates CORM-2-induced HO-1 expression in human tracheal smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 2351-2361.	2.0	27
49	NF- $\kappa$ B Signaling Pathways in Neurological Inflammation: A Mini Review. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 77.	1.4	616
50	Endothelin-1 induces VCAM-1 expression-mediated inflammation via receptor tyrosine kinases and Elk/p300 in human tracheal smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L211-L225.	1.3	19
51	c-Src/Pyk2/EGFR/PI3K/Akt/CREB-activated pathway contributes to human cardiomyocyte hypertrophy: Role of COX-2 induction. <i>Molecular and Cellular Endocrinology</i> , 2015, 409, 59-72.	1.6	20
52	Induction of HO-1 by carbon monoxide releasing molecule-2 attenuates thrombin-induced COX-2 expression and hypertrophy in primary human cardiomyocytes. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 349-359.	1.3	17
53	Sphingosine-1-Phosphate Mediates COX-2 Expression and PGE <sub>2</sub> /IL-6 Secretion via c-Src-Dependent AP-1 Activation. <i>Journal of Cellular Physiology</i> , 2015, 230, 702-715.	2.0	53
54	IL-1 $\beta$ Induces MMP-9-Dependent Brain Astrocytic Migration via Transactivation of PDGF Receptor/NADPH Oxidase 2-Derived Reactive Oxygen Species Signals. <i>Molecular Neurobiology</i> , 2015, 52, 303-317.	1.9	34

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55	CO Induces Nrf2-Dependent Heme Oxygenase-1 Transcription by Cooperating with Sp1 and c-Jun in Rat Brain Astrocytes. <i>Molecular Neurobiology</i> , 2015, 52, 277-292.	1.9	56
56	BK Induces cPLA2 Expression via an Autocrine Loop Involving COX-2-Derived PGE2 in Rat Brain Astrocytes. <i>Molecular Neurobiology</i> , 2015, 51, 1103-1115.	1.9	8
57	TNF- $\alpha$ Mediates PKC $\delta$ /JNK1/2/c-Jun-Dependent Monocyte Adhesion via ICAM-1 Induction in Human Retinal Pigment Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0117911.	1.1	23
58	Sphingosine-1-Phosphate Mediates ICAM-1-Dependent Monocyte Adhesion through p38 MAPK and p42/p44 MAPK-Dependent Akt Activation. <i>PLoS ONE</i> , 2015, 10, e0118473.	1.1	22
59	TNF- $\alpha$ induces cytosolic phospholipase A <sub>2</sub> expression via Jak2/PDGFR-dependent Elk-1/p300 activation in human lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L543-L551.	1.3	17
60	Resveratrol inhibits <i>Staphylococcus aureus</i> -induced TLR2/MyD88/NF- $\kappa$ B-dependent VCAM-1 expression in human lung epithelial cells. <i>Clinical Science</i> , 2014, 127, 375-390.	1.8	22
61	Thrombin induces ICAM-1 expression in human lung epithelial cells via c-Src/PDGFR/PI3K/Akt-dependent NF- $\kappa$ B/p300 activation. <i>Clinical Science</i> , 2014, 127, 171-183.	1.8	22
62	HO-1 Induction by CO-RM2 Attenuates TNF- $\alpha$ -Induced Cytosolic Phospholipase A <sub>2</sub> Expression via Inhibition of PKC $\delta$ -Dependent NADPH Oxidase/ROS and NF- $\kappa$ B. <i>Mediators of Inflammation</i> , 2014, 2014, 1-18.	1.4	34
63	PAR-1-dependent COX-2/PGE <sub>2</sub> production contributes to cell proliferation via EP <sub>2</sub> receptors in primary human cardiomyocytes. <i>British Journal of Pharmacology</i> , 2014, 171, 4504-4519.	2.7	19
64	Up-regulation of ROS-Dependent Matrix Metalloproteinase-9 from High-Glucose-Challenged Astrocytes Contributes to the Neuronal Apoptosis. <i>Molecular Neurobiology</i> , 2014, 50, 520-533.	1.9	29
65	Upregulation of COX-2/PGE2 by ET-1 Mediated Through Ca <sup>2+</sup> -Dependent Signals in Mouse Brain Microvascular Endothelial Cells. <i>Molecular Neurobiology</i> , 2014, 49, 1256-1269.	1.9	28
66	TNF- $\alpha$ induces matrix metalloproteinase-9-dependent soluble intercellular adhesion molecule-1 release via TRAF2-mediated MAPKs and NF- $\kappa$ B activation in osteoblast-like MC3T3-E1 cells. <i>Journal of Biomedical Science</i> , 2014, 21, 12.	2.6	65
67	c-Src/Jak2/PDGFR/PKC $\delta$ -Dependent MMP-9 Induction Is Required for Thrombin-Stimulated Rat Brain Astrocytes Migration. <i>Molecular Neurobiology</i> , 2014, 49, 658-672.	1.9	25
68	c-Src-dependent transactivation of PDGFR contributes to TNF- $\alpha$ -induced MMP-9 expression and functional impairment in osteoblasts. <i>Bone</i> , 2014, 60, 186-197.	1.4	23
69	Nox2/ROS-dependent human antigen R translocation contributes to TNF- $\alpha$ -induced SOCS-3 expression in human tracheal smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L521-L533.	1.3	21
70	The CO donor CORMA <sub>2</sub> inhibits LPS-induced vascular cell adhesion molecule-1 expression and leukocyte adhesion in human rheumatoid synovial fibroblasts. <i>British Journal of Pharmacology</i> , 2014, 171, 2993-3009.	2.7	15
71	Up-regulation of COX-2/PGE2 by endothelin-1 via MAPK-dependent NF- $\kappa$ B pathway in mouse brain microvascular endothelial cells. <i>Cell Communication and Signaling</i> , 2013, 11, 8.	2.7	64
72	Thrombin Mediates Migration of Rat Brain Astrocytes via PLC, Ca <sup>2+</sup> , CaMKII, PKC $\delta$ , and AP-1-Dependent Matrix Metalloproteinase-9 Expression. <i>Molecular Neurobiology</i> , 2013, 48, 616-630.	1.9	28

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73	Multiple Factors from Bradykinin-Challenged Astrocytes Contribute to the Neuronal Apoptosis: Involvement of Astroglial ROS, MMP-9, and HO-1/CO System. <i>Molecular Neurobiology</i> , 2013, 47, 1020-1033.	1.9	28
74	ATP stimulates PGE2/cyclin D1-dependent VSMCs proliferation via STAT3 activation: Role of PKCs-dependent NADPH oxidase/ROS generation. <i>Biochemical Pharmacology</i> , 2013, 85, 954-964.	2.0	13
75	Protective effects of (âˆ-)epigallocatechin-3-gallate against TNF-Î±-induced lung inflammation via ROS-dependent ICAM-1 inhibition. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 124-136.	1.9	72
76	Lung inflammation caused by adenosine-5â€™-triphosphate is mediated via Ca2+/PKCs-dependent COX-2/PGE2 induction. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1657-1668.	1.2	21
77	High Glucose Induces Reactive Oxygen Species-Dependent Matrix Metalloproteinase-9 Expression and Cell Migration in Brain Astrocytes. <i>Molecular Neurobiology</i> , 2013, 48, 601-614.	1.9	22
78	c-Src-dependent MAPKs/AP-1 activation is involved in TNF-Î±-induced matrix metalloproteinase-9 expression in rat heart-derived H9c2 cells. <i>Biochemical Pharmacology</i> , 2013, 85, 1115-1123.	2.0	36
79	NADPH oxidase/ROS-dependent PYK2 activation is involved in TNF-Î±-induced matrix metalloproteinase-9 expression in rat heart-derived H9c2 cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 431-442.	1.3	34
80	Role of Redox Signaling in Neuroinflammation and Neurodegenerative Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-18.	0.9	286
81	Inflammatory Signalings Involved in Airway and Pulmonary Diseases. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	187
82	ATP Mediates NADPH Oxidase/ROS Generation and COX-2/PGE2 Expression in A549 Cells: Role of P2 Receptor-Dependent STAT3 Activation. <i>PLoS ONE</i> , 2013, 8, e54125.	1.1	41
83	IL-1Î² Promotes Corneal Epithelial Cell Migration by Increasing MMP-9 Expression through NF-ÎºB- and AP-1-Dependent Pathways. <i>PLoS ONE</i> , 2013, 8, e57955.	1.1	54
84	Curcumin Nanoparticles Ameliorate ICAM-1 Expression in TNF-Î±-Treated Lung Epithelial Cells through p47 phox and MAPKs/AP-1 Pathways. <i>PLoS ONE</i> , 2013, 8, e63845.	1.1	33
85	TNF-Î± Induces Cytosolic Phospholipase A2 Expression in Human Lung Epithelial Cells via JNK1/2- and p38 MAPK-Dependent AP-1 Activation. <i>PLoS ONE</i> , 2013, 8, e72783.	1.1	35
86	Adenosine triphosphate regulates NADPH oxidase activity leading to hydrogen peroxide production and COX-2/PGE<sub>2</sub> expression in A549 cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L401-L412.	1.3	25
87	Role of NADPH oxidase/ROS in pro-inflammatory mediators-induced airway and pulmonary diseases. <i>Biochemical Pharmacology</i> , 2012, 84, 581-590.	2.0	346
88	Role of TLR4/NADPH oxidase/ROS-activated p38 MAPK in VCAM-1 expression induced by lipopolysaccharide in human renal mesangial cells. <i>Cell Communication and Signaling</i> , 2012, 10, 33.	2.7	97
89	NADPH oxidase 2-derived reactive oxygen species signal contributes to bradykinin-induced matrix metalloproteinase-9 expression and cell migration in brain astrocytes. <i>Cell Communication and Signaling</i> , 2012, 10, 35.	2.7	61
90	NADPH oxidase-mediated redox signal contributes to lipoteichoic acid-induced MMP-9 upregulation in brain astrocytes. <i>Journal of Neuroinflammation</i> , 2012, 9, 110.	3.1	55

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91	c-Src-dependent EGF receptor transactivation contributes to ET-1-induced COX-2 expression in brain microvascular endothelial cells. <i>Journal of Neuroinflammation</i> , 2012, 9, 152.	3.1	50
92	Heme oxygenase 1 attenuates interleukin-1 $\beta$ -induced cytosolic phospholipase A <sub>2</sub> expression via a decrease in NADPH oxidase/reactive oxygen species/activator protein 1 activation in rheumatoid arthritis synovial fibroblasts. <i>Arthritis and Rheumatism</i> , 2012, 64, 2114-2125.	6.7	35
93	PI3-K/Akt/JNK/NF- $\kappa$ B is essential for MMP-9 expression and outgrowth in human limbal epithelial cells on intact amniotic membrane. <i>Stem Cell Research</i> , 2012, 9, 9-23.	0.3	67
94	Japanese encephalitis virus induces matrix metalloproteinase-9 expression via a ROS/c-Src/PDGFR/PI3K/Akt/MAPKs-dependent AP-1 pathway in rat brain astrocytes. <i>Journal of Neuroinflammation</i> , 2012, 9, 12.	3.1	84
95	Bradykinin-mediated cell proliferation depends on transactivation of EGF receptor in corneal fibroblasts. <i>Journal of Cellular Physiology</i> , 2012, 227, 1367-1381.	2.0	22
96	Transactivation of EGFR/PI3K/Akt involved in ATP-induced inflammatory protein expression and cell motility. <i>Journal of Cellular Physiology</i> , 2012, 227, 1628-1638.	2.0	32
97	Lipopolysaccharide induces ICAM-1 expression in human pulmonary alveolar epithelial cells through a TLR4/MyD88/TRAF6/NADPH oxidase-dependent pathway. <i>FASEB Journal</i> , 2012, 26, 1120.11.	0.2	0
98	ET-1 induces COX-2/PGE <sub>2</sub> expression via an ETA/B/PKC $\gamma$ /c-Src/PI3K/Akt-dependent pathway in murine osteoblast-like MC3T3-E1 cells. <i>FASEB Journal</i> , 2012, 26, 1120.10.	0.2	0
99	Regulation of cyclooxygenase-2 and cytosolic phospholipase A <sub>2</sub> gene expression by lipopolysaccharide through the RNA-binding protein HuR: involvement of NADPH oxidase, reactive oxygen species and mitogen-activated protein kinases. <i>British Journal of Pharmacology</i> , 2011, 163, 1691-1706.	2.7	45
100	Cigarette smoke extract upregulates heme oxygenase-1 via PKC/NADPH oxidase/ROS/PDGFR/PI3K/Akt pathway in mouse brain endothelial cells. <i>Journal of Neuroinflammation</i> , 2011, 8, 104.	3.1	46
101	Activation and induction of cytosolic phospholipase A <sub>2</sub> by TNF $\alpha$ mediated through Nox2, MAPKs, NF- $\kappa$ B, and p300 in human tracheal smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 2103-2114.	2.0	60
102	Nitric oxide production by endothelin-1 enhances astrocytic migration via the tyrosine nitration of matrix metalloproteinase-9. <i>Journal of Cellular Physiology</i> , 2011, 226, 2244-2256.	2.0	54
103	Enterovirus 71 induces integrin $\beta$ 1/EGFR-Rac1-dependent oxidative stress in SK-N-SH cells: Role of HO-1/CO in viral replication. <i>Journal of Cellular Physiology</i> , 2011, 226, 3316-3329.	2.0	72
104	Enterovirus 71 modulates a COX-2/PGE <sub>2</sub> /cAMP-dependent viral replication in human neuroblastoma cells: Role of the c-Src/EGFR/p42/p44 MAPK/CREB signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 559-570.	1.2	45
105	Cigarette smoke extract regulates cytosolic phospholipase A <sub>2</sub> expression via NADPH oxidase/MAPKs/AP-1 and p300 in human tracheal smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 589-599.	1.2	25
106	Cytosolic phospholipase A <sub>2</sub> induction and prostaglandin E <sub>2</sub> release by interleukin-1 $\beta$ via the myeloid differentiation factor 88-dependent pathway and cooperation of p300, Akt, and NF- $\kappa$ B activity in human rheumatoid arthritis synovial fibroblasts. <i>Arthritis and Rheumatism</i> , 2011, 63, 2905-2917.	6.7	26
107	TNF $\alpha$ -induced suppressor of cytokine signaling-3 expression via the JNK1/2, ERK1/2, NADPH oxidase and AP-1 in human tracheal smooth muscle cells. <i>FASEB Journal</i> , 2011, 25, lb408.	0.2	0
108	Oxidized Low-Density Lipoprotein-Induced Matrix Metalloproteinase-9 Expression via PKC- $\delta$ /p42/p44 MAPK/Elk-1 Cascade in Brain Astrocytes. <i>Neurotoxicity Research</i> , 2010, 17, 50-65.	1.3	26

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109	Lipoteichoic Acid Induces Matrix Metalloproteinase-9 Expression via Transactivation of PDGF Receptors and NF- $\kappa$ B Activation in Rat Brain Astrocytes. <i>Neurotoxicity Research</i> , 2010, 17, 344-359.	1.3	25
110	Enterovirus 71 induces COX-2 expression via MAPKs, NF- $\kappa$ B, and AP-1 in SK-N-SH cells: Role of PGE2 in viral replication. <i>Cellular Signalling</i> , 2010, 22, 234-246.	1.7	80
111	Induction of COX-2/PGE2/IL-6 is crucial for cigarette smoke extract-induced airway inflammation: Role of TLR4-dependent NADPH oxidase activation. <i>Free Radical Biology and Medicine</i> , 2010, 48, 240-254.	1.3	100
112	Cigarette smoke particle-phase extract induces HO-1 expression in human tracheal smooth muscle cells: role of the c-Src/NADPH oxidase/MAPK/Nrf2 signaling pathway. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1410-1422.	1.3	80
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