

Chen Yan

List of Publications by Year in descending order

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163
papers

9,255
citations

30070

54
h-index

45317

90
g-index

165
all docs

165
docs citations

165
times ranked

10666
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of PDE10A in vascular smooth muscle cell hyperplasia and pathological vascular remodelling. <i>Cardiovascular Research</i> , 2022, 118, 2703-2717.	3.8	6
2	Sildenafil (Viagra) Aggravates the Development of Experimental Abdominal Aortic Aneurysm. <i>Journal of the American Heart Association</i> , 2022, 11, e023053.	3.7	9
3	The lipid peroxidation product 4-hydroxynonenal inhibits NLRP3 inflammasome activation and macrophage pyroptosis. <i>Cell Death and Differentiation</i> , 2022, 29, 1790-1803.	11.2	48
4	An update of cyclic nucleotide phosphodiesterase as a target for cardiac diseases. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 183-196.	5.0	14
5	Role of IgE-Fc̳RI in Pathological Cardiac Remodeling and Dysfunction. <i>Circulation</i> , 2021, 143, 1014-1030.	1.6	16
6	Phosphodiesterase 10A Is a Key Mediator of Lung Inflammation. <i>Journal of Immunology</i> , 2021, 206, 3010-3020.	0.8	8
7	Higenamine attenuates cardiac fibroblast abstract and fibrosis via inhibition of TGF-̳1/Smad signaling. <i>European Journal of Pharmacology</i> , 2021, 900, 174013.	3.5	7
8	Generation of a TLR2 homozygous knockout human embryonic stem cell line WAe001-A-64 using CRISPR/Cas9 editing. <i>Stem Cell Research</i> , 2021, 54, 102401.	0.7	0
9	Cyclic nucleotide phosphodiesterase 1C contributes to abdominal aortic aneurysm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
10	Blocking Fc̳RIIB in Smooth Muscle Cells Reduces Hypertension. <i>Circulation Research</i> , 2021, 129, 308-325.	4.5	6
11	Response by Zhao et al to Letter Regarding Article, "Role of IgE-Fc̳RI in Pathological Cardiac Remodeling and Dysfunction" <i>Circulation</i> , 2021, 144, e216-e217.	1.6	0
12	Role of DNA methylation on the association between physical activity and cardiovascular diseases: results from the longitudinal multi-ethnic study of atherosclerosis (MESA) cohort. <i>BMC Genomics</i> , 2021, 22, 790.	2.8	1
13	A Novel Role of Cyclic Nucleotide Phosphodiesterase 10A in Pathological Cardiac Remodeling and Dysfunction. <i>Circulation</i> , 2020, 141, 217-233.	1.6	46
14	Response by Chen and Yan to Letter Regarding Article, "A Novel Role of Cyclic Nucleotide Phosphodiesterase 10A in Pathological Cardiac Remodeling and Dysfunction" <i>Circulation</i> , 2020, 142, e36-e37.	1.6	1
15	Natriuretic Peptide Receptor 2 Locus Contributes to Carotid Remodeling. <i>Journal of the American Heart Association</i> , 2020, 9, e014257.	3.7	4
16	Vinpocetine protects against the development of experimental abdominal aortic aneurysms. <i>Clinical Science</i> , 2020, 134, 2959-2976.	4.3	11
17	Vinpocetine Suppresses <i>Streptococcus pneumoniae</i> -Induced Inflammation via Inhibition of ERK1 by CYLD. <i>Journal of Immunology</i> , 2020, 204, 933-942.	0.8	8
18	Updates of Recent Vinpocetine Research in Treating Cardiovascular Diseases. <i>Journal of Cellular Immunology</i> , 2020, 2, 211-219.	0.8	1

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19	Patients with advanced chronic kidney disease and vascular calcification have a large hydrodynamic radius of secondary calciprotein particles. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 992-1000.	0.7	37
20	The Protective Role of Natriuretic Peptide Receptor 2 against High Salt Injury in the Renal Papilla. <i>American Journal of Pathology</i> , 2019, 189, 1721-1731.	3.8	2
21	Osteoglycin attenuates cardiac fibrosis by suppressing cardiac myofibroblast proliferation and migration through antagonizing lysophosphatidic acid 3/matrix metalloproteinase 2/epidermal growth factor receptor signalling. <i>Cardiovascular Research</i> , 2018, 114, 703-712.	3.8	29
22	Vinpocetine Inhibits NF- κ B-Dependent Inflammation in Acute Ischemic Stroke Patients. <i>Translational Stroke Research</i> , 2018, 9, 174-184.	4.2	64
23	An update on vinpocetine: New discoveries and clinical implications. <i>European Journal of Pharmacology</i> , 2018, 819, 30-34.	3.5	92
24	Dexamethasone Inhibits Synergistic Induction of PDE4B Expression by Roflumilast and Bacterium NTHi. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3511.	4.1	3
25	Thioredoxin-1 downregulation in the nucleus accumbens promotes methamphetamine-primed reinstatement in mice. <i>Neuropharmacology</i> , 2018, 139, 117-123.	4.1	7
26	Roles of PDE1 in Pathological Cardiac Remodeling and Dysfunction. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 22.	1.6	17
27	Multiprotein Complex With TRPC (Transient Receptor Potential-Canonical) Channel, PDE1C (Phosphodiesterase 1C), and A2R (Adenosine A2 Receptor) Plays a Critical Role in Regulating Cardiomyocyte cAMP and Survival. <i>Circulation</i> , 2018, 138, 1988-2002.	1.6	42
28	A quantitative comparison of five optical coherence tomography angiography systems in clinical performance. <i>International Journal of Ophthalmology</i> , 2018, 11, 1784-1795.	1.1	45
29	Vinpocetine Attenuates Pathological Cardiac Remodeling by Inhibiting Cardiac Hypertrophy and Fibrosis. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 157-166.	2.6	41
30	Model-based vascular elastography improves the detection of flow-induced carotid artery remodeling in mice. <i>Scientific Reports</i> , 2017, 7, 12081.	3.3	11
31	Phospholipase C β 1 Mediates Intima Formation Through Akt-Notch1 Signaling Independent of the Phospholipase Activity. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	15
32	Glutaredoxin 1 mediates the protective effect of steady laminar flow on endothelial cells against oxidative stress-induced apoptosis via inhibiting Bim. <i>Scientific Reports</i> , 2017, 7, 15539.	3.3	17
33	Loss of osteoglycin promotes angiogenesis in limb ischaemia mouse models via modulation of vascular endothelial growth factor and vascular endothelial growth factor receptor 2 signalling pathway. <i>Cardiovascular Research</i> , 2017, 113, 70-80.	3.8	19
34	PDE1C deficiency antagonizes pathological cardiac remodeling and dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7116-E7125.	7.1	69
35	Activating transcription factor 3 SUMOylation is involved in angiotensin II-induced endothelial cell inflammation and dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 92, 149-157.	1.9	20
36	Higenamine protects ischemia/reperfusion induced cardiac injury and myocyte apoptosis through activation of β 2-AR/PI3K/AKT signaling pathway. <i>Pharmacological Research</i> , 2016, 104, 115-123.	7.1	65

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37	The RSK Inhibitor BIX02565 Limits Cardiac Ischemia/Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 177-186.	2.0	10
38	Cyclic nucleotide phosphodiesterase 1 and vascular aging. <i>Clinical Science</i> , 2015, 129, 1077-1081.	4.3	17
39	Professor Yan Jun-bai's experience in treating rheumatic arthritis with suppurative moxibustion. <i>Journal of Acupuncture and Tuina Science</i> , 2015, 13, 212-216.	0.3	2
40	Delivery of human NKG2D-IL-15 fusion gene by chitosan nanoparticles to enhance antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 336-343.	2.1	26
41	Complement-Mediated Macrophage Polarization in Perivascular Adipose Tissue Contributes to Vascular Injury in Deoxycorticosterone Acetate-Salt Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 598-606.	2.4	56
42	Role of cAMP-Phosphodiesterase 1C Signaling in Regulating Growth Factor Receptor Stability, Vascular Smooth Muscle Cell Growth, Migration, and Neointimal Hyperplasia. <i>Circulation Research</i> , 2015, 116, 1120-1132.	4.5	80
43	Downregulation of Dynamin-Related Protein 1 Contributes to Impaired Autophagic Flux and Angiogenic Function in Senescent Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1413-1422.	2.4	78
44	Cross-talk between PKA-C β 2 and p65 mediates synergistic induction of PDE4B by roflumilast and NTHi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1800-E1809.	7.1	27
45	Vinpocetine Inhibits <i>Streptococcus pneumoniae</i> -Induced Upregulation of Mucin MUC5AC Expression via Induction of MKP-1 Phosphatase in the Pathogenesis of Otitis Media. <i>Journal of Immunology</i> , 2015, 194, 5990-5998.	0.8	16
46	Androgen Receptor Promotes Abdominal Aortic Aneurysm Development via Modulating Inflammatory Interleukin-1 β and Transforming Growth Factor- β 1 Expression. <i>Hypertension</i> , 2015, 66, 881-891.	2.7	37
47	Impaired Angiogenesis during Fracture Healing in GPCR Kinase 2 Interacting Protein-1 (GIT1) Knock Out Mice. <i>PLoS ONE</i> , 2014, 9, e89127.	2.5	30
48	Biological Values of Acupuncture and Chinese Herbal Medicine: Impact on the Life Science. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-2.	1.2	4
49	Thioredoxin-Interacting Protein Is a Biomechanical Regulator of Src Activity. <i>Circulation Research</i> , 2014, 114, 1125-1132.	4.5	29
50	Cyclic nucleotide phosphodiesterase 3A1 protects the heart against ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 64, 11-19.	1.9	52
51	Smooth Muscle Cell Plasticity. <i>Circulation Research</i> , 2013, 112, 17-22.	4.5	146
52	Vinpocetine attenuates lipid accumulation and atherosclerosis formation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 439-443.	2.1	32
53	Thioredoxin-Interacting Protein Mediates Sustained VEGFR2 Signaling in Endothelial Cells Required for Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 737-743.	2.4	37
54	Therapeutic potential of PDE modulation in treating heart disease. <i>Future Medicinal Chemistry</i> , 2013, 5, 1607-1620.	2.3	29

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55	Inhibition of PDE4B suppresses inflammation by increasing expression of the deubiquitinase CYLD. <i>Nature Communications</i> , 2013, 4, 1684.	12.8	51
56	Phosphoinositide 3-Kinase \hat{I}^3 Protects Against Catecholamine-Induced Ventricular Arrhythmia Through Protein Kinase A-Mediated Regulation of Distinct Phosphodiesterases. <i>Circulation</i> , 2012, 126, 2073-2083.	1.6	74
57	Thioredoxin-Interacting Protein Mediates Nuclear-to-Plasma Membrane Communication. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1264-1270.	2.4	29
58	Phosphodiesterase 4B Mediates Extracellular Signal-regulated Kinase-dependent Up-regulation of Mucin MUC5AC Protein by <i>Streptococcus pneumoniae</i> by Inhibiting cAMP-protein Kinase A-dependent MKP-1 Phosphatase Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 22799-22811.	3.4	30
59	CYLD negatively regulates transforming growth factor- \hat{I}^2 -signalling via deubiquitinating Akt. <i>Nature Communications</i> , 2012, 3, 771.	12.8	128
60	EV11 Acts as an Inducible Negative-Feedback Regulator of NF- \hat{I}^B by Inhibiting p65 Acetylation. <i>Journal of Immunology</i> , 2012, 188, 6371-6380.	0.8	33
61	p90RSK Targets the ERK5-CHIP Ubiquitin E3 Ligase Activity in Diabetic Hearts and Promotes Cardiac Apoptosis and Dysfunction. <i>Circulation Research</i> , 2012, 110, 536-550.	4.5	46
62	Thioredoxin Interacting Protein Promotes Endothelial Cell Inflammation in Response to Disturbed Flow by Increasing Leukocyte Adhesion and Repressing Kruppel-Like Factor 2. <i>Circulation Research</i> , 2012, 110, 560-568.	4.5	79
63	Corrigendum to "p90 ribosomal S6 kinase regulates activity of the renin-angiotensin system: A pathogenic mechanism for ischemia-reperfusion injury". <i>Mol. Cell. Cardiol.</i> 51 (2011) 272-275. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 292.	1.9	0
64	Transient hypercapnia reveals an underlying cerebrovascular pathology in a murine model for HIV-1 associated neuroinflammation: role of NO-cGMP signaling and normalization by inhibition of cyclic nucleotide phosphodiesterase-5. <i>Journal of Neuroinflammation</i> , 2012, 9, 253.	7.2	8
65	Vinpocetine Suppresses Pathological Vascular Remodeling by Inhibiting Vascular Smooth Muscle Cell Proliferation and Migration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 479-488.	2.5	46
66	PDE1 isozymes, key regulators of pathological vascular remodeling. <i>Current Opinion in Pharmacology</i> , 2011, 11, 720-724.	3.5	46
67	p90 ribosomal S6 kinase regulates activity of the renin-angiotensin system: A pathogenic mechanism for ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 272-275.	1.9	6
68	Cyclic nucleotide phosphodiesterase 1A: a key regulator of cardiac fibroblast activation and extracellular matrix remodeling in the heart. <i>Basic Research in Cardiology</i> , 2011, 106, 1023-1039.	5.9	91
69	Cyclic Nucleotide Phosphodiesterase 1 Regulates Lysosome-Dependent Type I Collagen Protein Degradation in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 616-623.	2.4	25
70	Cyclophilin A Promotes Cardiac Hypertrophy in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1116-1123.	2.4	76
71	Targeting Cyclic Nucleotide Phosphodiesterase in the Heart: Therapeutic Implications. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 507-515.	2.4	47
72	Impaired spine formation and learning in GPCR kinase 2 interacting protein-1 (GIT1) knockout mice. <i>Brain Research</i> , 2010, 1317, 218-226.	2.2	42

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73	GPCR kinase 2 interacting protein 1 (GIT1) regulates osteoclast function and bone mass. <i>Journal of Cellular Physiology</i> , 2010, 225, 777-785.	4.1	37
74	Ca ²⁺ /calmodulin-stimulated PDE1 regulates the beta-catenin/TCF signaling through PP2A B56 gamma subunit in proliferating vascular smooth muscle cells. <i>FEBS Journal</i> , 2010, 277, 5026-5039.	4.7	30
75	CCN Notch Signaling in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 667-668.	2.4	6
76	Novel role of C terminus of Hsc70-interacting protein (CHIP) ubiquitin ligase on inhibiting cardiac apoptosis and dysfunction <i>via</i> regulating ERK5-mediated degradation of inducible cAMP early repressor. <i>FASEB Journal</i> , 2010, 24, 4917-4928.	0.5	41
77	Phosphorylation of G Protein-Coupled Receptor Kinase 2-Interacting Protein 1 Tyrosine 392 Is Required for Phospholipase C- β Activation and Podosome Formation in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1976-1982.	2.4	14
78	The PDE1A-PKC δ Signaling Pathway Is Involved in the Upregulation of α -Smooth Muscle Actin by TGF- β 1 in Adventitial Fibroblasts. <i>Journal of Vascular Research</i> , 2010, 47, 9-15.	1.4	23
79	Vincocetine inhibits NF- κ B-dependent inflammation via an IKK-dependent but PDE-independent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9795-9800.	7.1	203
80	Novel role of C terminus of Hsc70-interacting protein (CHIP) ubiquitin ligase on inhibiting cardiac apoptosis and dysfunction <i>via</i> regulating ERK5-mediated degradation of inducible cAMP early repressor. <i>FASEB Journal</i> , 2010, 24, 4917-4928.	0.5	11
81	GIT1 Mediates VEGF-Induced Podosome Formation in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 202-208.	2.4	47
82	Bcr Kinase Activation by Angiotensin II Inhibits Peroxisome Proliferator-Activated Receptor γ Transcriptional Activity in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2009, 104, 69-78.	4.5	38
83	G-Protein-Coupled Receptor Kinase Interacting Protein-1 Is Required for Pulmonary Vascular Development. <i>Circulation</i> , 2009, 119, 1524-1532.	1.6	51
84	Role of Ca ²⁺ /Calmodulin-Stimulated Cyclic Nucleotide Phosphodiesterase 1 in Mediating Cardiomyocyte Hypertrophy. <i>Circulation Research</i> , 2009, 105, 956-964.	4.5	156
85	Cyclophilin A enhances vascular oxidative stress and the development of angiotensin II-induced aortic aneurysms. <i>Nature Medicine</i> , 2009, 15, 649-656.	30.7	332
86	Perivascular gene transfer of dominant-negative N19RhoA attenuates neointimal formation via inhibition of TGF- β 1-Smad2 signaling in rats after carotid artery balloon injury. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 217-223.	2.1	9
87	Synergistic induction of nuclear factor- κ B by transforming growth factor- β 2 and tumour necrosis factor- α is mediated by protein kinase A-dependent RelA acetylation. <i>Biochemical Journal</i> , 2009, 417, 583-591.	3.7	27
88	In cardiac myocytes, cAMP elevation triggers the down-regulation of transcripts and promoter activity for cyclic AMP phosphodiesterase-4A10 (PDE4A10). <i>Cellular Signalling</i> , 2008, 20, 2071-2083.	3.6	17
89	Fluid shear stress inhibits TNF-mediated JNK activation via MEK5-BMK1 in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 159-163.	2.1	46
90	Glucocorticoids inhibit nontypeable Haemophilus influenzae-induced MUC5AC mucin expression via MAPK phosphatase-1-dependent inhibition of p38 MAPK. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 763-768.	2.1	31

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91	Tumor Suppressor Cyclindromatosis Acts as a Negative Regulator for Streptococcus pneumoniae-induced NFAT Signaling. <i>Journal of Biological Chemistry</i> , 2008, 283, 12546-12554.	3.4	47
92	Effects of MEK5/ERK5 Association on Small Ubiquitin-Related Modification of ERK5: Implications for Diabetic Ventricular Dysfunction After Myocardial Infarction. <i>Circulation Research</i> , 2008, 102, 1416-1425.	4.5	76
93	Reactive Oxygen Species-Induced Activation of p90 Ribosomal S6 Kinase Prolongs Cardiac Repolarization Through Inhibiting Outward K ⁺ Channel Activity. <i>Circulation Research</i> , 2008, 103, 269-278.	4.5	38
94	Extracellular Signal-Regulated Kinase 5 SUMOylation Antagonizes Shear Stress-Induced Antiinflammatory Response and Endothelial Nitric Oxide Synthase Expression in Endothelial Cells. <i>Circulation Research</i> , 2008, 102, 538-545.	4.5	116
95	Cyclophilin A Mediates Vascular Remodeling by Promoting Inflammation and Vascular Smooth Muscle Cell Proliferation. <i>Circulation</i> , 2008, 117, 3088-3098.	1.6	189
96	GIT1 Mediates HDAC5 Activation by Angiotensin II in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 892-898.	2.4	37
97	Flow Antagonizes TNF- α Signaling in Endothelial Cells by Inhibiting Caspase-Dependent PKC ζ Processing. <i>Circulation Research</i> , 2007, 101, 97-105.	4.5	57
98	Differential Regulation of Endothelial Cell Permeability by cGMP via Phosphodiesterases 2 and 3. <i>Circulation Research</i> , 2007, 101, 811-818.	4.5	91
99	Activation of Extracellular Signal-Regulated Kinase 5 Reduces Cardiac Apoptosis and Dysfunction via Inhibition of a Phosphodiesterase 3A/Inducible cAMP Early Repressor Feedback Loop. <i>Circulation Research</i> , 2007, 100, 510-519.	4.5	58
100	Impaired Vasorelaxation in Inbred Mice Is Associated with Alterations in Both Nitric Oxide and Super Oxide Pathways. <i>Journal of Vascular Research</i> , 2007, 44, 504-512.	1.4	19
101	Regulation of Phosphodiesterase 3 and Inducible cAMP Early Repressor in the Heart. <i>Circulation Research</i> , 2007, 100, 489-501.	4.5	90
102	Expression and function of vascular endothelial growth factor receptors (Flt-1 and Flk-1) in vascular adventitial fibroblasts. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 43, 292-300.	1.9	30
103	Opposing roles of PAK2 and PAK4 in synergistic induction of MUC5AC mucin by bacterium NTHi and EGF. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 691-696.	2.1	14
104	Tumor Suppressor CYLD Regulates Acute Lung Injury in Lethal Streptococcus pneumoniae Infections. <i>Immunity</i> , 2007, 27, 349-360.	14.3	127
105	Phosphodiesterases 1. , 2007, , 1-5.		0
106	Phosphodiesterase 1B. , 2007, , 1-7.		0
107	TGF- β^2 induces p65 acetylation to enhance bacteria-induced NF- κ B activation. <i>EMBO Journal</i> , 2007, 26, 1150-1162.	7.8	86
108	Phosphodiesterase 1C. , 2007, , 1-14.		0

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109	Phosphodiesterase 1A. , 2007, , 1-18.		0
110	Reactive oxygen species (ROS) and advanced glycation end products (AGE)â€induced ERK5â€SUMOylation antagonizes antiâ€inflammatory effect of shear stress in endothelial cells. FASEB Journal, 2007, 21, A294.	0.5	0
111	NAD(P)H oxidase-derived reactive oxygen species regulate angiotensin-II induced adventitial fibroblast phenotypic differentiation. Biochemical and Biophysical Research Communications, 2006, 339, 337-343.	2.1	87
112	NADPH oxidase is involved in angiotensin II-induced apoptosis in H9C2 cardiac muscle cells: Effects of apocynin. Free Radical Biology and Medicine, 2006, 40, 236-246.	2.9	91
113	Vitamins C and E attenuate apoptosis, Î²-adrenergic receptor desensitization, and sarcoplasmic reticular Ca ²⁺ ATPase downregulation after myocardial infarction. Free Radical Biology and Medicine, 2006, 40, 1827-1842.	2.9	51
114	Role of p90 Ribosomal S6 Kinaseâ€Mediated Prorenin-Converting Enzyme in Ischemic and Diabetic Myocardium. Circulation, 2006, 113, 1787-1798.	1.6	33
115	Role of Nuclear Ca ²⁺ /Calmodulin-Stimulated Phosphodiesterase 1A in Vascular Smooth Muscle Cell Growth and Survival. Circulation Research, 2006, 98, 777-784.	4.5	121
116	Response to Letter Regarding Article, â€Role of p90 Ribosomal S6 Kinase-Mediated Prorenin-Converting Enzyme in Ischemia and Diabetic Myocardiumâ€ Circulation, 2006, 114, .	1.6	0
117	ERK5 Activation Inhibits Inflammatory Responses via Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Stimulation. Journal of Biological Chemistry, 2006, 281, 32164-32174.	3.4	85
118	Regulation and Function of Cyclic Nucleotide Phosphodiesterases in Vascular Smooth Muscle and Vascular Diseases. , 2006, , .		1
119	GIT1 Is a Scaffold for ERK1/2 Activation in Focal Adhesions. Journal of Biological Chemistry, 2005, 280, 27705-27712.	3.4	70
120	Role of p90 Ribosomal S6 Kinase (p90RSK) in Reactive Oxygen Species and Protein Kinase C Î² ² (PKC-Î² ²)-mediated Cardiac Troponin I Phosphorylation. Journal of Biological Chemistry, 2005, 280, 24135-24142.	3.4	50
121	Determination of Ca ²⁺ /Calmodulin-Stimulated Phosphodiesterase Activity in Intact Cells. , 2005, 307, 085-092.		1
122	BMK1/ERK5 Is a Novel Regulator of Angiogenesis by Destabilizing Hypoxia Inducible Factor 1Î±. Circulation Research, 2005, 96, 1145-1151.	4.5	58
123	Functional Role of Phosphodiesterase 3 in Cardiomyocyte Apoptosis. Circulation, 2005, 111, 2469-2476.	1.6	180
124	Identification of a New Variant of PDE1A Calmodulin-Stimulated Cyclic Nucleotide Phosphodiesterase Expressed in Mouse Sperm1. Biology of Reproduction, 2005, 73, 598-609.	2.7	25
125	A positive feedback loop of phosphodiesterase 3 (PDE3) and inducible cAMP early repressor (ICER) leads to cardiomyocyte apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14771-14776.	7.1	118
126	Angiotensin II increases phosphodiesterase 5A expression in vascular smooth muscle cells: A mechanism by which angiotensin II antagonizes cGMP signaling. Journal of Molecular and Cellular Cardiology, 2005, 38, 175-184.	1.9	54

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127	ERK1/2 Associates with the c-Met-binding Domain of Growth Factor Receptor-bound Protein 2 (Grb2)-associated Binder-1 (Gab1). <i>Journal of Biological Chemistry</i> , 2004, 279, 29691-29699.	3.4	37
128	14-3-3 β Binds to Big Mitogen-activated Protein Kinase 1 (BMK1/ERK5) and Regulates BMK1 Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 8787-8791.	3.4	23
129	Big Mitogen-Activated Protein Kinase (BMK1)/ERK5 Protects Endothelial Cells From Apoptosis. <i>Circulation Research</i> , 2004, 94, 362-369.	4.5	150
130	The Hinge-Helix 1 Region of Peroxisome Proliferator-Activated Receptor γ 1 (PPAR γ 1) Mediates Interaction with Extracellular Signal-Regulated Kinase 5 and PPAR γ 1 Transcriptional Activation: Involvement in Flow-Induced PPAR γ Activation in Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 8691-8704.	2.3	113
131	GIT1 Functions as a Scaffold for MEK1-Extracellular Signal-Regulated Kinase 1 and 2 Activation by Angiotensin II and Epidermal Growth Factor. <i>Molecular and Cellular Biology</i> , 2004, 24, 875-885.	2.3	86
132	Activation of big MAP kinase 1 (BMK1/ERK5) inhibits cardiac injury after myocardial ischemia and reperfusion. <i>FEBS Letters</i> , 2004, 566, 255-260.	2.8	40
133	Gas6 inhibits apoptosis in vascular smooth muscle: role of Axl kinase and Akt. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 881-887.	1.9	115
134	Atheroprotective mechanisms of flow: inhibition of apoptosis. <i>International Congress Series</i> , 2004, 1262, 129-132.	0.2	0
135	Functional Interplay Between Angiotensin II and Nitric Oxide. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 26-36.	2.4	163
136	Angiotensin II signaling pathways mediated by tyrosine kinases. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 780-783.	2.8	118
137	Cyclic GMP Phosphodiesterases and Regulation of Smooth Muscle Function. <i>Circulation Research</i> , 2003, 93, 280-291.	4.5	464
138	Regulation of Epidermal Growth Factor-induced Connexin 43 Gap Junction Communication by Big Mitogen-activated Protein Kinase 1/ERK5 but Not ERK1/2 Kinase Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 18682-18688.	3.4	103
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