

Bradford C Berk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

252
papers

22,126
citations

86
h-index

141
g-index

266
ext. papers

23,490
ext. citations

9.6
avg, IF

6.75
L-index

| # | Paper | IF | Citations |
|-----|---|-------|-----------|
| 252 | Phosphodiesterase 10A Is a Key Mediator of Lung Inflammation. <i>Journal of Immunology</i> , 2021 , | 5.3 | 1 |
| 251 | Natriuretic Peptide Receptor 2 Locus Contributes to Carotid Remodeling. <i>Journal of the American Heart Association</i> , 2020 , 9, e014257 | 6 | 2 |
| 250 | Nck1 is a critical adaptor between proatherogenic blood flow, inflammation, and atherosclerosis. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3968-3970 | 15.9 | 2 |
| 249 | Endothelial-to-Mesenchymal Transition and Inflammation Play Key Roles in Cyclophilin A-Induced Pulmonary Arterial Hypertension. <i>Hypertension</i> , 2020 , 76, 1113-1123 | 8.5 | 9 |
| 248 | Oligonucleotide Microarrays Identified Potential Regulatory Genes Related to Early Outward Arterial Remodeling Induced by Tissue Plasminogen Activator. <i>Frontiers in Physiology</i> , 2019 , 10, 493 | 4.6 | 1 |
| 247 | Strain-selective efficacy of sacubitril/valsartan on carotid fibrosis in response to injury in two inbred mouse strains. <i>British Journal of Pharmacology</i> , 2019 , 176, 2795-2807 | 8.6 | 3 |
| 246 | 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 | 5.8 | 1 |
| 245 | NOX5 as a therapeutic target in cerebral ischemic injury. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1530-1532 | 15.32 | 8 |
| 244 | Extracellular and Intracellular Cyclophilin A, Native and Post-Translationally Modified, Show Diverse and Specific Pathological Roles in Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 986-993 | 9.4 | 27 |
| 243 | Extracellular Cyclophilin A, Especially Acetylated, Causes Pulmonary Hypertension by Stimulating Endothelial Apoptosis, Redox Stress, and Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1138-1146 | 9.4 | 42 |
| 242 | 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 | 4.9 | 12 |
| 241 | Cyclophilin A modulates bone marrow-derived CD117(+) cells and enhances ischemia-induced angiogenesis via the SDF-1/CXCR4 axis. <i>International Journal of Cardiology</i> , 2016 , 212, 324-35 | 3.2 | 19 |
| 240 | Disturbed Flow-Induced Endothelial Proatherogenic Signaling Via Regulating Post-Translational Modifications and Epigenetic Events. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 435-50 | 8.4 | 31 |
| 239 | The RSK Inhibitor BIX02565 Limits Cardiac Ischemia/Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016 , 21, 177-86 | 2.6 | 5 |
| 238 | G-Protein-Coupled Receptor-2-Interacting Protein-1 Controls Stalk Cell Fate by Inhibiting Delta-like 4-Notch1 Signaling. <i>Cell Reports</i> , 2016 , 17, 2532-2541 | 10.6 | 13 |
| 237 | State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization: A Scientific Statement From the American Heart Association. <i>Circulation Research</i> , 2015 , 116, e99-132 | 15.7 | 90 |
| 236 | The Changing Delivery of Patient Care 2015 , 203-211 | | |

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| 235 | The Role of PB1 Domain Proteins in Endothelial Cell Dysfunction and Disease. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 1243-56 | 8.4 | 8 |
| 234 | Intima modifier locus 2 controls endothelial cell activation and vascular permeability. <i>Physiological Genomics</i> , 2014 , 46, 624-33 | 3.6 | 4 |
| 233 | Impaired angiogenesis during fracture healing in GPCR kinase 2 interacting protein-1 (GIT1) knock out mice. <i>PLoS ONE</i> , 2014 , 9, e89127 | 3.7 | 23 |
| 232 | Cyclophilin A is an important mediator of platelet function by regulating integrin α IIb β 3 bidirectional signalling. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 873-82 | 7 | 13 |
| 231 | Acetylation of cyclophilin A is required for its secretion and vascular cell activation. <i>Cardiovascular Research</i> , 2014 , 101, 444-53 | 9.9 | 47 |
| 230 | Novel mechanisms of endothelial mechanotransduction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2378-86 | 9.4 | 59 |
| 229 | Thioredoxin-interacting protein is a biomechanical regulator of Src activity: key role in endothelial cell stress fiber formation. <i>Circulation Research</i> , 2014 , 114, 1125-32 | 15.7 | 26 |
| 228 | Decreased BMP2 signal in GIT1 knockout mice slows bone healing. <i>Molecular and Cellular Biochemistry</i> , 2014 , 397, 67-74 | 4.2 | 13 |
| 227 | G-protein-coupled receptor-2-interacting protein-1 is required for endothelial cell directional migration and tumor angiogenesis via cortactin-dependent lamellipodia formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 419-26 | 9.4 | 21 |
| 226 | Thioredoxin-interacting protein mediates sustained VEGFR2 signaling in endothelial cells required for angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 737-43 | 9.4 | 30 |
| 225 | Identification of a genetic locus on chromosome 11 that regulates leukocyte infiltration in mouse carotid artery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1014-9 | 9.4 | 6 |
| 224 | Cyclophilin A is required for angiotensin II-induced p47phox translocation to caveolae in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2147-53 | 9.4 | 32 |
| 223 | G-protein-coupled receptor kinase interacting protein-1 mediates intima formation by regulating vascular smooth muscle proliferation, apoptosis, and migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 999-1005 | 9.4 | 13 |
| 222 | Vascular Smooth Muscle Cell Remodeling in Atherosclerosis and Restenosis 2012 , 1301-1309 | | 1 |
| 221 | Apolipoprotein E controls cerebrovascular integrity via cyclophilin A. <i>Nature</i> , 2012 , 485, 512-6 | 50.4 | 813 |
| 220 | Thioredoxin-interacting protein mediates nuclear-to-plasma membrane communication: role in vascular endothelial growth factor 2 signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1264-70 | 9.4 | 23 |
| 219 | Ribosomal protein L17, RpL17, is an inhibitor of vascular smooth muscle growth and carotid intima formation. <i>Circulation</i> , 2012 , 126, 2418-27 | 16.7 | 37 |
| 218 | Thioredoxin interacting protein: redox dependent and independent regulatory mechanisms. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 587-96 | 8.4 | 130 |

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|-----|--|------|-----|
| 217 | p62 binding to protein kinase C β regulates tumor necrosis factor β -induced apoptotic pathway in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2974-80 | 9.4 | 21 |
| 216 | 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, 560-8 | 15.7 | 64 |
| 215 | Redox redux: protecting the ischemic myocardium. <i>Journal of Clinical Investigation</i> , 2012 , 122, 30-2 | 15.9 | 6 |
| 214 | 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, 272-5 | 5.8 | 6 |
| 213 | G protein coupled receptor kinase 2 interacting protein 1 (GIT1) is a novel regulator of mitochondrial biogenesis in heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 769-76 | 5.8 | 21 |
| 212 | Vascular-derived reactive oxygen species for homeostasis and diseases. <i>Nitric Oxide - Biology and Chemistry</i> , 2011 , 25, 211-5 | 5 | 18 |
| 211 | Cyclophilin A: A Mediator of Cardiovascular Pathology. <i>Journal of the Korean Society of Hypertension</i> , 2011 , 17, 133 | | 0 |
| 210 | Flow shear stress and atherosclerosis: a matter of site specificity. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1405-14 | 8.4 | 161 |
| 209 | Cyclophilin A is an inflammatory mediator that promotes atherosclerosis in apolipoprotein E-deficient mice. <i>Journal of Experimental Medicine</i> , 2011 , 208, 53-66 | 16.6 | 136 |
| 208 | Cyclophilin A promotes cardiac hypertrophy in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1116-23 | 9.4 | 66 |
| 207 | Thioredoxin-interacting protein mediates TRX1 translocation to the plasma membrane in response to tumor necrosis factor- α a key mechanism for vascular endothelial growth factor receptor-2 transactivation by reactive oxygen species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1890-7 | 9.4 | 54 |
| 206 | PKC ζ mediates disturbed flow-induced endothelial apoptosis via p53 SUMOylation. <i>Journal of Cell Biology</i> , 2011 , 193, 867-84 | 7.3 | 81 |
| 205 | Gas6-Axl pathway: the role of redox-dependent association of Axl with nonmuscle myosin IIB. <i>Hypertension</i> , 2010 , 56, 105-11 | 8.5 | 17 |
| 204 | Phosphorylation of G protein-coupled receptor kinase 2-interacting protein 1 tyrosine 392 is required for phospholipase C-gamma activation and podosome formation in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1976-82 | 9.4 | 12 |
| 203 | Oxidative stress and vascular smooth muscle cell growth: a mechanistic linkage by cyclophilin A. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 675-82 | 8.4 | 123 |
| 202 | Vinpocetine inhibits NF-kappaB-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, 9795-800 | 11.5 | 163 |
| 201 | PKCzeta decreases eNOS protein stability via inhibitory phosphorylation of ERK5. <i>Blood</i> , 2010 , 116, 1971-9 | 12.9 | 60 |
| 200 | Cyclophilin A: promising new target in cardiovascular therapy. <i>Circulation Journal</i> , 2010 , 74, 2249-56 | 2.9 | 77 |

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|-----|--|------|-----|
| 199 | Impaired spine formation and learning in GPCR kinase 2 interacting protein-1 (GIT1) knockout mice. <i>Brain Research</i> , 2010 , 1317, 218-26 | 3.7 | 37 |
| 198 | GPCR kinase 2 interacting protein 1 (GIT1) regulates osteoclast function and bone mass. <i>Journal of Cellular Physiology</i> , 2010 , 225, 777-85 | 7 | 34 |
| 197 | Thioredoxin in the Cardiovascular System—Towards a Thioredoxin-Based Antioxidative Therapy 2010 , 499-516 | | |
| 196 | GIT1 mediates VEGF-induced podosome formation in endothelial cells: critical role for PLCgamma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 202-8 | 9.4 | 41 |
| 195 | TR4 nuclear receptor functions as a fatty acid sensor to modulate CD36 expression and foam cell formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13353-8 | 11.5 | 82 |
| 194 | Oligonucleotide microarrays reveal regulated genes related to inward arterial remodeling induced by urokinase plasminogen activator. <i>Journal of Vascular Research</i> , 2009 , 46, 177-87 | 1.9 | 13 |
| 193 | Quantitative trait loci for exercise training responses in FVB/NJ and C57BL/6J mice. <i>Physiological Genomics</i> , 2009 , 40, 15-22 | 3.6 | 16 |
| 192 | Genetic modifier loci linked to intima formation induced by low flow in the mouse carotid. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 47-53 | 9.4 | 11 |
| 191 | Bcr kinase activation by angiotensin II inhibits peroxisome-proliferator-activated receptor gamma transcriptional activity in vascular smooth muscle cells. <i>Circulation Research</i> , 2009 , 104, 69-78 | 15.7 | 33 |
| 190 | G-protein-coupled receptor kinase interacting protein-1 is required for pulmonary vascular development. <i>Circulation</i> , 2009 , 119, 1524-32 | 16.7 | 43 |
| 189 | Glucose 6-phosphate dehydrogenase is regulated through c-Src-mediated tyrosine phosphorylation in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 895-901 | 9.4 | 50 |
| 188 | Cyclophilin A enhances vascular oxidative stress and the development of angiotensin II-induced aortic aneurysms. <i>Nature Medicine</i> , 2009 , 15, 649-56 | 50.5 | 282 |
| 187 | Flow-mediated vascular remodeling in hypertension: relation to hemodynamics. <i>Stroke</i> , 2009 , 40, 582-90 | 6.7 | 11 |
| 186 | GIT1 is a novel MEK1-ERK1/2 scaffold that localizes to focal adhesions. <i>Cell Biology International</i> , 2009 , 34, 41-7 | 4.5 | 20 |
| 185 | Fluid shear stress inhibits TNF-mediated JNK activation via MEK5-BMK1 in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 159-63 | 3.4 | 40 |
| 184 | An epidermal growth factor (EGF) -dependent interaction between GIT1 and sorting nexin 6 promotes degradation of the EGF receptor. <i>FASEB Journal</i> , 2008 , 22, 3607-16 | 0.9 | 24 |
| 183 | PARP-1 inhibition prevents oxidative and nitrosative stress-induced endothelial cell death via transactivation of the VEGF receptor 2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 711- P 4 | 9.4 | 72 |
| 182 | Gas6-axl receptor signaling is regulated by glucose in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 886-91 | 9.4 | 32 |

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|-----|--|------|-----|
| 181 | Cyclophilin A mediates vascular remodeling by promoting inflammation and vascular smooth muscle cell proliferation. <i>Circulation</i> , 2008 , 117, 3088-98 | 16.7 | 160 |
| 180 | GIT1 mediates HDAC5 activation by angiotensin II in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 892-8 | 9.4 | 32 |
| 179 | Atheroprotective signaling mechanisms activated by steady laminar flow in endothelial cells. <i>Circulation</i> , 2008 , 117, 1082-9 | 16.7 | 113 |
| 178 | Physiologic stress-mediated signaling in the endothelium. <i>Methods in Enzymology</i> , 2008 , 443, 25-44 | 1.7 | 52 |
| 177 | Smooth muscle apoptosis and vascular remodeling. <i>Current Opinion in Hematology</i> , 2008 , 15, 250-4 | 3.3 | 38 |
| 176 | Circulating smooth muscle progenitor cells: novel players in plaque stability. <i>Cardiovascular Research</i> , 2008 , 77, 445-7 | 9.9 | 9 |
| 175 | Flow antagonizes TNF-alpha signaling in endothelial cells by inhibiting caspase-dependent PKC zeta processing. <i>Circulation Research</i> , 2007 , 101, 97-105 | 15.7 | 53 |
| 174 | Glutaredoxin mediates Akt and eNOS activation by flow in a glutathione reductase-dependent manner. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1283-8 | 9.4 | 41 |
| 173 | Vascular remodeling: hemodynamic and biochemical mechanisms underlying Glagov β phenomenon. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1722-8 | 9.4 | 137 |
| 172 | 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, 504-12 | 1.9 | 17 |
| 171 | Glutathiolation regulates tumor necrosis factor-alpha-induced caspase-3 cleavage and apoptosis: key role for glutaredoxin in the death pathway. <i>Circulation Research</i> , 2007 , 100, 213-9 | 15.7 | 145 |
| 170 | Axl mediates vascular remodeling induced by deoxycorticosterone acetate-salt hypertension. <i>Hypertension</i> , 2007 , 50, 1057-62 | 8.5 | 32 |
| 169 | ECM remodeling in hypertensive heart disease. <i>Journal of Clinical Investigation</i> , 2007 , 117, 568-75 | 15.9 | 642 |
| 168 | Novel approaches to treat oxidative stress and cardiovascular diseases. <i>Transactions of the American Clinical and Climatological Association</i> , 2007 , 118, 209-14 | 0.9 | 23 |
| 167 | Thioredoxin in the cardiovascular system. <i>Journal of Molecular Medicine</i> , 2006 , 84, 997-1003 | 5.5 | 75 |
| 166 | Vascular shear stress and activation of inflammatory genes. <i>Current Atherosclerosis Reports</i> , 2006 , 8, 240-4 | 6 | 31 |
| 165 | Role of p90 ribosomal S6 kinase-mediated prorenin-converting enzyme in ischemic and diabetic myocardium. <i>Circulation</i> , 2006 , 113, 1787-98 | 16.7 | 27 |
| 164 | Cyclophilin A is secreted by a vesicular pathway in vascular smooth muscle cells. <i>Circulation Research</i> , 2006 , 98, 811-7 | 15.7 | 176 |

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| 163 | Axl, a receptor tyrosine kinase, mediates flow-induced vascular remodeling. <i>Circulation Research</i> , 2006 , 98, 1446-52 | 15.7 | 96 |
| 162 | The multifunctional GIT family of proteins. <i>Journal of Cell Science</i> , 2006 , 119, 1469-75 | 5.3 | 190 |
| 161 | Interleukin-18 and macrophage migration inhibitory factor are associated with increased carotid intima-media thickening. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 295-300 | 9.4 | 40 |
| 160 | Angiotensin II type 2 receptor expression after vascular injury: differing effects of angiotensin-converting enzyme inhibition and angiotensin receptor blockade. <i>Hypertension</i> , 2006 , 48, 942-9 | 8.5 | 32 |
| 159 | Role of nuclear Ca ²⁺ /calmodulin-stimulated phosphodiesterase 1A in vascular smooth muscle cell growth and survival. <i>Circulation Research</i> , 2006 , 98, 777-84 | 15.7 | 103 |
| 158 | Urokinase induces matrix metalloproteinase-9/gelatinase B expression in THP-1 monocytes via ERK1/2 and cytosolic phospholipase A2 activation and eicosanoid production. <i>Journal of Vascular Research</i> , 2006 , 43, 482-90 | 1.9 | 20 |
| 157 | Urokinase plasminogen activator stimulates vascular smooth muscle cell proliferation via redox-dependent pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 801-7 | 9.4 | 66 |
| 156 | Inhibiting p90 ribosomal S6 kinase prevents (Na ⁺)-H ⁺ exchanger-mediated cardiac ischemia-reperfusion injury. <i>Circulation</i> , 2006 , 113, 2516-23 | 16.7 | 66 |
| 155 | Flow-mediated signaling modulates endothelial cell phenotype. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006 , 13, 375-84 | | 35 |
| 154 | Comparison of simultaneous measurements of blood pressure by tail-cuff and carotid arterial methods in conscious spontaneously hypertensive and Wistar-Kyoto rats. <i>Clinical and Experimental Hypertension</i> , 2006 , 28, 57-72 | 2.2 | 41 |
| 153 | Genetic determinants of vascular remodelling. <i>Canadian Journal of Cardiology</i> , 2006 , 22 Suppl B, 6B-11B | 3.8 | 8 |
| 152 | NAD(P)H oxidase-derived reactive oxygen species regulate angiotensin-II induced adventitial fibroblast phenotypic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 337-43 | 3.4 | 81 |
| 151 | Vascular Smooth Muscle 2006 , 17-30 | | 0 |
| 150 | A positive feedback loop of phosphodiesterase 3 (PDE3) and inducible cAMP early repressor (ICER) leads to cardiomyocyte apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14771-6 | 11.5 | 109 |
| 149 | Strain-dependent differences in responses to exercise training in inbred and hybrid mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1006-13 | 3.2 | 75 |
| 148 | Angiotensin II increases phosphodiesterase 5A expression in vascular smooth muscle cells: a mechanism by which angiotensin II antagonizes cGMP signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 38, 175-84 | 5.8 | 45 |
| 147 | Symposium presentations. How to become a cardiovascular investigator. <i>Journal of the American College of Cardiology</i> , 2005 , 46, A5-70 | 15.1 | 14 |
| 146 | Chapter 14 Chronic lung vascular hyperpermeability. <i>Advances in Molecular and Cell Biology</i> , 2005 , 401-422 | | |

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|-----|--|------|-----|
| 145 | Thioredoxin: a multifunctional antioxidant enzyme in kidney, heart and vessels. <i>Current Opinion in Nephrology and Hypertension</i> , 2005 , 14, 149-53 | 3.5 | 71 |
| 144 | Role of hypertension in the metabolic syndrome: who is affected?. <i>Current Hypertension Reports</i> , 2005 , 7, 418-26 | 4.7 | 6 |
| 143 | Angiotensin II and the endothelium: diverse signals and effects. <i>Hypertension</i> , 2005 , 45, 163-9 | 8.5 | 173 |
| 142 | Flow activates ERK1/2 and endothelial nitric oxide synthase via a pathway involving PECAM1, SHP2, and Tie2. <i>Journal of Biological Chemistry</i> , 2005 , 280, 29620-4 | 5.4 | 41 |
| 141 | Losartan metabolite EXP3179 activates Akt and endothelial nitric oxide synthase via vascular endothelial growth factor receptor-2 in endothelial cells: angiotensin II type 1 receptor-independent effects of EXP3179. <i>Circulation</i> , 2005 , 112, 1798-805 | 16.7 | 71 |
| 140 | GIT1 is a scaffold for ERK1/2 activation in focal adhesions. <i>Journal of Biological Chemistry</i> , 2005 , 280, 27705-12 | 5.4 | 61 |
| 139 | Flow shear stress stimulates Gab1 tyrosine phosphorylation to mediate protein kinase B and endothelial nitric-oxide synthase activation in endothelial cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 12305-9 | 5.4 | 84 |
| 138 | BMK1/ERK5 is a novel regulator of angiogenesis by destabilizing hypoxia inducible factor 1alpha. <i>Circulation Research</i> , 2005 , 96, 1145-51 | 15.7 | 55 |
| 137 | Functional role of phosphodiesterase 3 in cardiomyocyte apoptosis: implication in heart failure. <i>Circulation</i> , 2005 , 111, 2469-2476 | 16.7 | 159 |
| 136 | Angiotensin II: a devious activator of mineralocorticoid receptor-dependent gene expression. <i>Circulation Research</i> , 2005 , 96, 610-1 | 15.7 | 3 |
| 135 | Fluid shear stress inhibits vascular inflammation by decreasing thioredoxin-interacting protein in endothelial cells. <i>Journal of Clinical Investigation</i> , 2005 , 115, 733-8 | 15.9 | 196 |
| 134 | The International Society on Thrombosis and Haemostasis--XXth Annual Congress. <i>IDrugs: the Investigational Drugs Journal</i> , 2005 , 8, 904-6 | | |
| 133 | Hydrogen peroxide activates the Gas6-Axl pathway in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 28766-70 | 5.4 | 73 |
| 132 | Sphingosine 1-phosphate transactivates the platelet-derived growth factor beta receptor and epidermal growth factor receptor in vascular smooth muscle cells. <i>Circulation Research</i> , 2004 , 94, 1050-8 | 15.7 | 102 |
| 131 | Scaffolds direct Src-specific signaling in response to angiotensin II: new roles for Cas and GIT1. <i>Molecular Pharmacology</i> , 2004 , 65, 822-5 | 4.3 | 13 |
| 130 | GIT1 mediates thrombin signaling in endothelial cells: role in turnover of RhoA-type focal adhesions. <i>Circulation Research</i> , 2004 , 94, 1041-9 | 15.7 | 60 |
| 129 | ERK1/2 associates with the c-Met-binding domain of growth factor receptor-bound protein 2 (Grb2)-associated binder-1 (Gab1): role in ERK1/2 and early growth response factor-1 (Egr-1) nuclear accumulation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29691-9 | 5.4 | 34 |
| 128 | 14-3-3beta binds to big mitogen-activated protein kinase 1 (BMK1/ERK5) and regulates BMK1 function. <i>Journal of Biological Chemistry</i> , 2004 , 279, 8787-91 | 5.4 | 23 |

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|-----|---|------|-----|
| 127 | Contrasting effects of urokinase and tissue-type plasminogen activators on neointima formation and vessel remodelling after arterial injury. <i>Journal of Vascular Research</i> , 2004 , 41, 268-76 | 1.9 | 26 |
| 126 | Big mitogen-activated protein kinase (BMK1)/ERK5 protects endothelial cells from apoptosis. <i>Circulation Research</i> , 2004 , 94, 362-9 | 15.7 | 135 |
| 125 | Role of Angiotensin-converting enzyme and neutral endopeptidase in flow-dependent remodeling. <i>Journal of Vascular Research</i> , 2004 , 41, 148-56 | 1.9 | 4 |
| 124 | Plasminogen activator expression correlates with genetic differences in vascular remodeling. <i>Journal of Vascular Research</i> , 2004 , 41, 481-90 | 1.9 | 21 |
| 123 | The hinge-helix 1 region of peroxisome proliferator-activated receptor gamma1 (PPARGamma1) mediates interaction with extracellular signal-regulated kinase 5 and PPARGamma1 transcriptional activation: involvement in flow-induced PPARGamma activation in endothelial cells. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8691-704 | 4.8 | 99 |
| 122 | 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, 875-85 | 4.8 | 77 |
| 121 | Cyclosporin A inhibits flow-mediated activation of endothelial nitric-oxide synthase by altering cholesterol content in caveolae. <i>Journal of Biological Chemistry</i> , 2004 , 279, 48794-800 | 5.4 | 66 |
| 120 | Strain-dependent vascular remodeling: the "Glagov phenomenon" is genetically determined. <i>Circulation</i> , 2004 , 110, 220-6 | 16.7 | 92 |
| 119 | Cyclophilin A is a proinflammatory cytokine that activates endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1186-91 | 9.4 | 185 |
| 118 | Interleukin-18 and interleukin-18 binding protein levels before and after percutaneous coronary intervention in patients with and without recent myocardial infarction. <i>American Journal of Cardiology</i> , 2004 , 94, 1285-7 | 3 | 22 |
| 117 | Gas6 inhibits apoptosis in vascular smooth muscle: role of Axl kinase and Akt. <i>Journal of Molecular and Cellular Cardiology</i> , 2004 , 37, 881-7 | 5.8 | 96 |
| 116 | Atheroprotective mechanisms of flow: inhibition of apoptosis. <i>International Congress Series</i> , 2004 , 1262, 129-132 | | |
| 115 | 14-3-3beta is a p90 ribosomal S6 kinase (RSK) isoform 1-binding protein that negatively regulates RSK kinase activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 18376-83 | 5.4 | 37 |
| 114 | GIT1 mediates Src-dependent activation of phospholipase Cgamma by angiotensin II and epidermal growth factor. <i>Journal of Biological Chemistry</i> , 2003 , 278, 49936-44 | 5.4 | 75 |
| 113 | Flow-induced vascular remodeling in the mouse: a model for carotid intima-media thickening. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 2185-91 | 9.4 | 163 |
| 112 | Inhibition of tumor necrosis factor-[alpha]-induced SHP-2 phosphatase activity by shear stress: a mechanism to reduce endothelial inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1775-81 | 9.4 | 33 |
| 111 | Antiapoptotic effect of endothelin-1 in rat cardiomyocytes in vitro. <i>Hypertension</i> , 2003 , 41, 1156-63 | 8.5 | 42 |
| 110 | Stress and vascular responses: atheroprotective effect of laminar fluid shear stress in endothelial cells: possible role of mitogen-activated protein kinases. <i>Journal of Pharmacological Sciences</i> , 2003 , 91, 172-6 | 3.7 | 61 |

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|-----|---|------|-----|
| 109 | Functional interplay between angiotensin II and nitric oxide: cyclic GMP as a key mediator. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 26-36 | 9.4 | 136 |
| 108 | Angiotensin II signaling pathways mediated by tyrosine kinases. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 780-3 | 5.6 | 105 |
| 107 | Chronic physiological shear stress inhibits tumor necrosis factor-induced proinflammatory responses in rabbit aorta perfused ex vivo. <i>Circulation</i> , 2003 , 108, 1619-25 | 16.7 | 153 |
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