

# Darren J Kelly

## 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.

204  
papers

9,390  
citations

57  
h-index

86  
g-index

211  
ext. papers

10,264  
ext. citations

5.7  
avg, IF

5.54  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 204 | Aryl Hydrocarbon Receptor Inhibition Restores Indoxyl Sulfate-Mediated Endothelial Dysfunction in Rat Aortic Rings.. <i>Toxins</i> , <b>2022</b> , 14,  | 4.9  | 4         |
| 203 | Transcriptomic analysis of choroidal neovascularization reveals dysregulation of immune and fibrosis pathways that are attenuated by a novel anti-fibrotic treatment.. <i>Scientific Reports</i> , <b>2022</b> , 12, 859  | 4.9  | 0         |
| 202 | NP202 treatment improves left ventricular systolic function and attenuates pathological remodelling following chronic myocardial infarction.. <i>Life Sciences</i> , <b>2021</b> , 289, 120220  | 6.8  | 0         |
| 201 | RE: Blockade of apoptosis signal-regulating kinase 1 ameliorates cardiac dysfunction in cardiorenal syndrome via enhancing angiogenesis. <i>International Journal of Cardiology</i> , <b>2021</b> , 326, 156  | 3.2  |           |
| 200 | Apoptosis signal-regulating kinase 1 inhibition reverses deleterious indoxyl sulfate-mediated endothelial effects. <i>Life Sciences</i> , <b>2021</b> , 272, 119267   | 6.8  | 4         |
| 199 | RE: Inhibition of apoptosis signal-regulating kinase 1 might be a novel therapeutic target in the treatment of cardiorenal syndrome. <i>International Journal of Cardiology</i> , <b>2021</b> , 323, 260  | 3.2  |           |
| 198 | Drug repurposing: Misconceptions, challenges, and opportunities for academic researchers. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabd5524  | 17.5 | 12        |
| 197 | The effect of dihydroceramide desaturase 1 inhibition on endothelial impairment induced by indoxyl sulfate. <i>Vascular Pharmacology</i> , <b>2021</b> , 141, 106923  | 5.9  | 1         |
| 196 | Cardiorenal syndrome: Multi-organ dysfunction involving the heart, kidney and vasculature. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 2906-2922  | 8.6  | 22        |
| 195 | Inhibition of apoptosis signal-regulating kinase 1 ameliorates left ventricular dysfunction by reducing hypertrophy and fibrosis in a rat model of cardiorenal syndrome. <i>International Journal of Cardiology</i> , <b>2020</b> , 310, 128-136                          | 3.2  | 9         |
| 194 | Spironolactone mitigates, but does not reverse, the progression of renal fibrosis in a transgenic hypertensive rat. <i>Physiological Reports</i> , <b>2020</b> , 8, e14448  | 2.6  | 5         |
| 193 | RE: ASK1, a new target in treating cardiorenal syndrome (CRS). <i>International Journal of Cardiology</i> , <b>2020</b> , 316, 207  | 3.2  |           |
| 192 | Diastolic dysfunction is initiated by cardiomyocyte impairment ahead of endothelial dysfunction due to increased oxidative stress and inflammation in an experimental prediabetes model. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 137, 119-131 | 5.8  | 16        |
| 191 | Prescription of physical activity in the management of high blood pressure in Australian general practices. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 50-56  | 2.6  | 3         |
| 190 | The role of dihydrosphingolipids in disease. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 1107-1134  | 10.3 | 21        |
| 189 | Inhibition of Apoptosis Signal-Regulating Kinase 1 Attenuates Myocyte Hypertrophy and Fibroblast Collagen Synthesis. <i>Heart Lung and Circulation</i> , <b>2019</b> , 28, 495-504  | 1.8  | 7         |
| 188 | Nitrosative Stress as a Modulator of Inflammatory Change in a Model of Takotsubo Syndrome. <i>JACC Basic To Translational Science</i> , <b>2018</b> , 3, 213-226  | 8.7  | 26        |

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| 187 | Angiotensin receptor neprilysin inhibition provides superior cardioprotection compared to angiotensin converting enzyme inhibition after experimental myocardial infarction. <i>International Journal of Cardiology</i> , <b>2018</b> , 258, 192-198 | 3.2 | 30 |
| 186 | Chronic kidney disease with comorbid cardiac dysfunction exacerbates cardiac and renal damage. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 628-645   | 5.6 | 2  |
| 185 | Cost-Effectiveness of Renal Denervation Therapy for Treatment-Resistant Hypertension: A Best Case Scenario. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 1156-1163  | 2.3 | 8  |
| 184 | Angiotensin receptor neprilysin inhibitor LCZ696: pharmacology, pharmacokinetics and clinical development. <i>Future Cardiology</i> , <b>2017</b> , 13, 103-115  | 1.3 | 1  |
| 183 | Cardiac fibrosis in the ageing heart: Contributors and mechanisms. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2017</b> , 44 Suppl 1, 55-63  | 3   | 37 |
| 182 | Widespread Coronary Dysfunction in the Absence of HDL Receptor SR-B1 in an Ischemic Cardiomyopathy Mouse Model. <i>Scientific Reports</i> , <b>2017</b> , 7, 18108   | 4.9 | 14 |
| 181 | Renal cellular hypoxia in adenine-induced chronic kidney disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 896-905   | 3   | 14 |
| 180 | Thioredoxin interacting protein (TXNIP) regulates tubular autophagy and mitophagy in diabetic nephropathy through the mTOR signaling pathway. <i>Scientific Reports</i> , <b>2016</b> , 6, 29196   | 4.9 | 65 |
| 179 | Chronic intermittent hypoxia accelerates coronary microcirculatory dysfunction in insulin-resistant Goto-Kakizaki rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 311, R426-39       | 3.2 | 13 |
| 178 | Elevated cannabinoid receptor 1 and G protein-coupled receptor 55 expression in proximal tubule cells and whole kidney exposed to diabetic conditions. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2015</b> , 42, 256-62       | 3   | 26 |
| 177 | Combination therapy of mesenchymal stem cells and serelaxin effectively attenuates renal fibrosis in obstructive nephropathy. <i>FASEB Journal</i> , <b>2015</b> , 29, 540-53  | 0.9 | 51 |
| 176 | Chronic Rho-kinase inhibition improves left ventricular contractile dysfunction in early type-1 diabetes by increasing myosin cross-bridge extension. <i>Cardiovascular Diabetology</i> , <b>2015</b> , 14, 92                                       | 8.7 | 11 |
| 175 | Cardiac Repair With a Novel Population of Mesenchymal Stem Cells Resident in the Human Heart. <i>Stem Cells</i> , <b>2015</b> , 33, 3100-13  | 5.8 | 39 |
| 174 | Functional interaction between angiotensin II receptor type 1 and chemokine (C-C motif) receptor 2 with implications for chronic kidney disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119803  | 3.7 | 32 |
| 173 | Contribution of microRNA to pathological fibrosis in cardio-renal syndrome: impact of uremic toxins. <i>Physiological Reports</i> , <b>2015</b> , 3, e12371  | 2.6 | 21 |
| 172 | Calibrated integrated backscatter and myocardial fibrosis in patients undergoing cardiac surgery. <i>Open Heart</i> , <b>2015</b> , 2, e000278   | 3   | 12 |
| 171 | Thioredoxin-interacting protein: a potential therapeutic target for treatment of progressive fibrosis in diabetic nephropathy. <i>Nephron</i> , <b>2015</b> , 129, 109-27  | 3.3 | 17 |
| 170 | Chloride channel CLC-5 binds to aspartyl aminopeptidase to regulate renal albumin endocytosis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, F784-92   | 4.3 | 6  |

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| 169 | FT011, a Novel Cardiorenal Protective Drug, Reduces Inflammation, Gliosis and Vascular Injury in Rats with Diabetic Retinopathy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134392  | 3.7  | 11  |
| 168 | Contractile apparatus dysfunction early in the pathophysiology of diabetic cardiomyopathy. <i>World Journal of Diabetes</i> , <b>2015</b> , 6, 943-60  | 4.7  | 38  |
| 167 | Rho Kinase Inhibition Improves Cardiac Cross-Bridge Dynamics in Early Diabetic Cardiomyopathy. <i>FASEB Journal</i> , <b>2015</b> , 29, 799.7  | 0.9  |     |
| 166 | Impaired cardiac anti-oxidant activity in diabetes: human and correlative experimental studies. <i>Acta Diabetologica</i> , <b>2014</b> , 51, 771-82   | 3.9  | 10  |
| 165 | High glucose induces Smad activation via the transcriptional coregulator p300 and contributes to cardiac fibrosis and hypertrophy. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 89  | 8.7  | 88  |
| 164 | SDF-1/CXCR4 signaling preserves microvascular integrity and renal function in chronic kidney disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e92227  | 3.7  | 34  |
| 163 | Soluble epoxide hydrolase inhibition exerts beneficial anti-remodeling actions post-myocardial infarction. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 210-9   | 3.2  | 36  |
| 162 | Role of the EGF receptor in PPAR $\gamma$ -mediated sodium and water transport in human proximal tubule cells. <i>Diabetologia</i> , <b>2013</b> , 56, 1174-82   | 10.3 | 10  |
| 161 | Attenuation of Armani-Ebstein lesions in a rat model of diabetes by a new anti-fibrotic, anti-inflammatory agent, FT011. <i>Diabetologia</i> , <b>2013</b> , 56, 675-9   | 10.3 | 15  |
| 160 | Subtotal nephrectomy accelerates pathological cardiac remodeling post-myocardial infarction: implications for cardiorenal syndrome. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 1866-80  | 3.2  | 27  |
| 159 | 3P4PBis-difluoromethoxycinnamoylanthranilate (FT061): an orally-active antifibrotic agent that reduces albuminuria in a rat model of progressive diabetic nephropathy. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 6868-73 | 2.9  | 13  |
| 158 | Acute Rho-kinase inhibition improves coronary dysfunction in vivo, in the early diabetic microcirculation. <i>Cardiovascular Diabetology</i> , <b>2013</b> , 12, 111   | 8.7  | 28  |
| 157 | A new anti-fibrotic drug attenuates cardiac remodeling and systolic dysfunction following experimental myocardial infarction. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 1174-85  | 3.2  | 10  |
| 156 | Combination angiotensin converting enzyme and direct renin inhibition in heart failure following experimental myocardial infarction. <i>Cardiovascular Therapeutics</i> , <b>2013</b> , 31, 84-91  | 3.3  | 10  |
| 155 | Obesity results in progressive atrial structural and electrical remodeling: implications for atrial fibrillation. <i>Heart Rhythm</i> , <b>2013</b> , 10, 90-100   | 6.7  | 233 |
| 154 | Early and delayed tranilast treatment reduces pathological fibrosis following myocardial infarction. <i>Heart Lung and Circulation</i> , <b>2013</b> , 22, 122-32  | 1.8  | 22  |
| 153 | Reduced microvascular density in non-ischemic myocardium of patients with recent non-ST-segment-elevation myocardial infarction. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 1027-37   | 3.2  | 19  |
| 152 | Myosin heads are displaced from actin filaments in the in situ beating rat heart in early diabetes. <i>Biophysical Journal</i> , <b>2013</b> , 104, 1065-72  | 2.9  | 10  |

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| 151 | Role of the eNOS-NO system in regulating the antiproteinuric effects of VEGF receptor 2 inhibition in diabetes. <i>BioMed Research International</i> , <b>2013</b> , 2013, 201475  | 3    | 11  |
| 150 | Urotensin II and the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2013</b> , 22, 107-12  | 3.5  | 6   |
| 149 | Cannabinoid receptor 2 expression in human proximal tubule cells is regulated by albumin independent of ERK1/2 signaling. <i>Cellular Physiology and Biochemistry</i> , <b>2013</b> , 32, 1309-19  | 3.9  | 23  |
| 148 | Atrial arrhythmia in ageing spontaneously hypertensive rats: unraveling the substrate in hypertension and ageing. <i>PLoS ONE</i> , <b>2013</b> , 8, e72416  | 3.7  | 65  |
| 147 | Obesity is associated with lower coronary microvascular density. <i>PLoS ONE</i> , <b>2013</b> , 8, e81798   | 3.7  | 31  |
| 146 | The uremic toxin adsorbent AST-120 abrogates cardiorenal injury following myocardial infarction. <i>PLoS ONE</i> , <b>2013</b> , 8, e83687   | 3.7  | 27  |
| 145 | The anti-fibrotic hormone relaxin is not reno-protective, despite being active, in an experimental model of type 1 diabetes. <i>Protein and Peptide Letters</i> , <b>2013</b> , 20, 1029-38  | 1.9  | 14  |
| 144 | Cardiorenal syndrome: pathophysiology, preclinical models, management and potential role of uraemic toxins. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 692-700   | 3    | 15  |
| 143 | FT23, an orally active antifibrotic compound, attenuates structural and functional abnormalities in an experimental model of diabetic cardiomyopathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 650-6                           | 3    | 12  |
| 142 | Targeting fibrosis for the treatment of heart failure: a role for transforming growth factor- $\beta$ . <i>Cardiovascular Therapeutics</i> , <b>2012</b> , 30, e30-40  | 3.3  | 102 |
| 141 | Diastolic dysfunction of aging is independent of myocardial structure but associated with plasma advanced glycation end-product levels. <i>PLoS ONE</i> , <b>2012</b> , 7, e49813  | 3.7  | 37  |
| 140 | FT011, a new anti-fibrotic drug, attenuates fibrosis and chronic heart failure in experimental diabetic cardiomyopathy. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 549-62  | 12.3 | 30  |
| 139 | Dynamic synchrotron imaging of diabetic rat coronary microcirculation in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 370-7   | 9.4  | 32  |
| 138 | eNOS deficiency predisposes podocytes to injury in diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 1810-23  | 12.7 | 102 |
| 137 | Cardiorenal syndrome: the emerging role of protein-bound uremic toxins. <i>Circulation Research</i> , <b>2012</b> , 111, 1470-83   | 15.7 | 127 |
| 136 | Myocardial infarction impairs renal function, induces renal interstitial fibrosis, and increases renal KIM-1 expression: implications for cardiorenal syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 302, H1884-93 | 5.2  | 52  |
| 135 | Chronic kidney disease-induced cardiac fibrosis is ameliorated by reducing circulating levels of a non-dialysable uremic toxin, indoxyl sulfate. <i>PLoS ONE</i> , <b>2012</b> , 7, e41281   | 3.7  | 107 |
| 134 | A purpose-synthesised anti-fibrotic agent attenuates experimental kidney diseases in the rat. <i>PLoS ONE</i> , <b>2012</b> , 7, e47160  | 3.7  | 35  |

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| 133 | Long-term administration of the histone deacetylase inhibitor vorinostat attenuates renal injury in experimental diabetes through an endothelial nitric oxide synthase-dependent mechanism. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2205-14                    | 5.8 | 114 |
| 132 | The roles of Kruppel-like factor 6 and peroxisome proliferator-activated receptor- $\gamma$ in the regulation of macrophage inflammatory protein-3 $\alpha$ at early onset of diabetes. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 383-92 | 5.6 | 25  |
| 131 | 3,4,5,7,8-pentahydroxyflavonol antioxidant attenuates diastolic dysfunction and cardiac remodeling in streptozotocin-induced diabetic m(Ren2)27 rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e22777  | 3.7 | 20  |
| 130 | The cardiac (pro)renin receptor is primarily expressed in myocyte transverse tubules and is increased in experimental diabetic cardiomyopathy. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 1175-84  | 1.9 | 34  |
| 129 | Inhibition of the epidermal growth factor receptor preserves podocytes and attenuates albuminuria in experimental diabetic nephropathy. <i>Nephrology</i> , <b>2011</b> , 16, 573-81   | 2.2 | 49  |
| 128 | Protein kinase C $\beta$ inhibition ameliorates experimental mesangial proliferative glomerulonephritis. <i>Nephrology</i> , <b>2011</b> , 16, 649-55  | 2.2 | 1   |
| 127 | Aliskiren increases bradykinin and tissue kallikrein mRNA levels in the heart. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 623-31   | 3   | 19  |
| 126 | Ramipril retards development of aortic valve stenosis in a rabbit model: mechanistic considerations. <i>British Journal of Pharmacology</i> , <b>2011</b> , 162, 722-32  | 8.6 | 30  |
| 125 | Therapeutic effects of human STRO-3-selected mesenchymal precursor cells and their soluble factors in experimental myocardial ischemia. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 2117-29  | 5.6 | 38  |
| 124 | Impact of type 2 diabetes and the metabolic syndrome on myocardial structure and microvasculature of men with coronary artery disease. <i>Cardiovascular Diabetology</i> , <b>2011</b> , 10, 80  | 8.7 | 41  |
| 123 | Atrial remodeling in an ovine model of anthracycline-induced nonischemic cardiomyopathy: remodeling of the same sort. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2011</b> , 22, 175-82  | 2.7 | 27  |
| 122 | Differences in myocardial structure and coronary microvasculature between men and women with coronary artery disease. <i>Hypertension</i> , <b>2011</b> , 57, 186-92   | 8.5 | 37  |
| 121 | Atrial protective effects of n-3 polyunsaturated fatty acids: a long-term study in ovine chronic heart failure. <i>Heart Rhythm</i> , <b>2011</b> , 8, 575-82  | 6.7 | 23  |
| 120 | Tranilast attenuates the up-regulation of thioredoxin-interacting protein and oxidative stress in an experimental model of diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 100-10   | 4.3 | 33  |
| 119 | Culture-modified bone marrow cells attenuate cardiac and renal injury in a chronic kidney disease rat model via a novel antifibrotic mechanism. <i>PLoS ONE</i> , <b>2010</b> , 5, e9543   | 3.7 | 51  |
| 118 | Characterization of cardiac remodeling in a large animal "one-kidney, one-clip" hypertensive model. <i>Blood Pressure</i> , <b>2010</b> , 19, 119-25   | 1.7 | 14  |
| 117 | Targeted inhibition of activin receptor-like kinase 5 signaling attenuates cardiac dysfunction following myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H1415-25   | 5.2 | 81  |
| 116 | Does indoxyl sulfate, a uraemic toxin, have direct effects on cardiac fibroblasts and myocytes?. <i>European Heart Journal</i> , <b>2010</b> , 31, 1771-9  | 9.5 | 211 |

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| 115 | Hypertension and atrial fibrillation: evidence of progressive atrial remodeling with electrostructural correlate in a conscious chronically instrumented ovine model. <i>Heart Rhythm</i> , <b>2010</b> , 7, 1282-90  | 6.7  | 132 |
| 114 | Short-term hypertension is associated with the development of atrial fibrillation substrate: a study in an ovine hypertensive model. <i>Heart Rhythm</i> , <b>2010</b> , 7, 396-404   | 6.7  | 73  |
| 113 | Effect of atorvastatin on cardiac remodelling and mortality in rats following hyperglycemia and myocardial infarction. <i>International Journal of Cardiology</i> , <b>2010</b> , 143, 353-60   | 3.2  | 6   |
| 112 | Chronic urotensin II receptor antagonist treatment does not alter hypertrophy or fibrosis in a rat model of pressure-overload hypertrophy. <i>Peptides</i> , <b>2010</b> , 31, 1523-30  | 3.8  | 16  |
| 111 | Increased tissue kallikrein levels in type 2 diabetes. <i>Diabetologia</i> , <b>2010</b> , 53, 779-85   | 10.3 | 26  |
| 110 | Microglia activation in the hypothalamic PVN following myocardial infarction. <i>Brain Research</i> , <b>2010</b> , 1326, 96-104  | 3.7  | 63  |
| 109 | Expression, localization, and function of the thioredoxin system in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 730-41   | 12.7 | 89  |
| 108 | PKC-beta1 mediates glucose-induced Akt activation and TGF-beta1 upregulation in mesangial cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 554-66  | 12.7 | 89  |
| 107 | BK virus RNA can be detected in archival renal transplant biopsies using the reverse transcription polymerase chain reaction. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 661-6  | 4.3  | 2   |
| 106 | Protein kinase C-beta inhibition attenuates the progression of nephropathy in non-diabetic kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 1782-90   | 4.3  | 18  |
| 105 | Inhibition of protein kinase C-beta by ruboxistaurin preserves cardiac function and reduces extracellular matrix production in diabetic cardiomyopathy. <i>Circulation: Heart Failure</i> , <b>2009</b> , 2, 129-37   | 7.6  | 92  |
| 104 | The (Pro)renin receptor: site-specific and functional linkage to the vacuolar H <sup>+</sup> -ATPase in the kidney. <i>Hypertension</i> , <b>2009</b> , 54, 261-9   | 8.5  | 205 |
| 103 | Evaluation and optimization of antifibrotic activity of cinnamoyl anthranilates. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 7003-6   | 2.9  | 40  |
| 102 | High glucose induced endothelial cell growth inhibition is associated with an increase in TGFbeta1 secretion and inhibition of Ras prenylation via suppression of the mevalonate pathway. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2009</b> , 41, 561-9 | 5.6  | 3   |
| 101 | Aliskiren: a novel renoprotective agent or simply an alternative to ACE inhibitors?. <i>Kidney International</i> , <b>2009</b> , 76, 23-31  | 9.9  | 31  |
| 100 | Transcription factors Krüppel-like factor 6 and peroxisome proliferator-activated receptor- $\gamma$ mediate high glucose-induced thioredoxin-interacting protein. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 1858-67  | 5.8  | 41  |
| 99  | Role of statins in diabetes complications. <i>Current Diabetes Reviews</i> , <b>2009</b> , 5, 165-70  | 2.7  | 8   |
| 98  | Perindopril attenuates tubular hypoxia and inflammation in an experimental model of diabetic nephropathy in transgenic Ren-2 rats. <i>Nephrology</i> , <b>2008</b> , 13, 721-9  | 2.2  | 8   |

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| 97 | Vitamin D(2) supplementation induces the development of aortic stenosis in rabbits: interactions with endothelial function and thioredoxin-interacting protein. <i>European Journal of Pharmacology</i> , <b>2008</b> , 590, 290-6                                 | 5.3  | 34  |
| 96 | Tranilast ameliorates experimental mesangial proliferative glomerulonephritis. <i>Nephron Experimental Nephrology</i> , <b>2008</b> , 109, e1-7  |      | 7   |
| 95 | Role of Kruppel-like factor 6 in transforming growth factor-beta1-induced epithelial-mesenchymal transition of proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 295, F1388-94                                       | 5.3  | 66  |
| 94 | Effects of a Rho kinase inhibitor on pressure overload induced cardiac hypertrophy and associated diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 294, H1804-14                                    | 5.2  | 92  |
| 93 | In vivo visualization of albumin degradation in the proximal tubule. <i>Kidney International</i> , <b>2008</b> , 74, 1480-6  | 6.9  | 31  |
| 92 | Relaxin ameliorates fibrosis in experimental diabetic cardiomyopathy. <i>Endocrinology</i> , <b>2008</b> , 149, 3286-93  | 4.8  | 70  |
| 91 | Increased renal gene transcription of protein kinase C-beta in human diabetic nephropathy: relationship to long-term glycaemic control. <i>Diabetologia</i> , <b>2008</b> , 51, 668-74   | 10.3 | 27  |
| 90 | The differential regulation of Smad7 in kidney tubule cells by connective tissue growth factor and transforming growth factor-beta1. <i>Nephrology</i> , <b>2007</b> , 12, 267-74  | 2.2  | 14  |
| 89 | Diabetic nephropathy without the diabetes: if not hyperglycaemia, then what?. <i>Nephrology</i> , <b>2007</b> , 12, 67-8   | 2.2  |     |
| 88 | Aliskiren, a novel renin inhibitor, is renoprotective in a model of advanced diabetic nephropathy in rats. <i>Diabetologia</i> , <b>2007</b> , 50, 2398-404  | 10.3 | 150 |
| 87 | Clinically relevant models of diabetic cardiac complications. <i>Circulation Research</i> , <b>2007</b> , 101, e78   | 15.7 | 9   |
| 86 | Tranilast attenuates diastolic dysfunction and structural injury in experimental diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H2860-9  | 5.2  | 50  |
| 85 | Effects on protein kinase C-beta inhibition on glomerular vascular endothelial growth factor expression and endothelial cells in advanced experimental diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, F565-74 | 4.3  | 27  |
| 84 | Angiotensin II and the cardiac complications of diabetes mellitus. <i>Current Pharmaceutical Design</i> , <b>2007</b> , 13, 2721-9   | 3.3  | 18  |
| 83 | Progressive diabetic nephropathy in the Ren-2 rat. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F1662; author reply F1663   | 4.3  | 4   |
| 82 | Functional, structural and molecular aspects of diastolic heart failure in the diabetic (mRen-2)27 rat. <i>Cardiovascular Research</i> , <b>2007</b> , 76, 280-91  | 9.9  | 64  |
| 81 | High glucose induces macrophage inflammatory protein-3 alpha in renal proximal tubule cells via a transforming growth factor-beta 1 dependent mechanism. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 3147-53                                    | 4.3  | 30  |
| 80 | Advanced glycation end products decrease mesangial cell MMP-7: a role in matrix accumulation in diabetic nephropathy?. <i>Kidney International</i> , <b>2007</b> , 72, 481-8   | 9.9  | 43  |



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