

Ton J Rabelink

List of Publications by Year in descending order

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Version: 2024-02-01

525
papers

32,173
citations

3333

91
h-index

6643

156
g-index

541
all docs

541
docs citations

541
times ranked

34010
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Endothelial Function and Dysfunction. <i>Circulation</i> , 2007, 115, 1285-1295. | 1.6 | 2,037 |
| 2 | Endothelial Progenitor Cell Dysfunction: A Novel Concept in the Pathogenesis of Vascular Complications of Type 1 Diabetes. <i>Diabetes</i> , 2004, 53, 195-199. | 0.3 | 795 |
| 3 | Olmesartan for the Delay or Prevention of Microalbuminuria in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2011, 364, 907-917. | 13.9 | 741 |
| 4 | Stent Placement in Patients With Atherosclerotic Renal Artery Stenosis and Impaired Renal Function. <i>Annals of Internal Medicine</i> , 2009, 150, 840. | 2.0 | 568 |
| 5 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972. | 9.4 | 549 |
| 6 | Tetrahydrobiopterin restores endothelial function in hypercholesterolemia.. <i>Journal of Clinical Investigation</i> , 1997, 99, 41-46. | 3.9 | 528 |
| 7 | Expression of connective tissue growth factor in human renal fibrosis. <i>Kidney International</i> , 1998, 53, 853-861. | 2.6 | 512 |
| 8 | Inhibition of the Glycolytic Activator PFKFB3 in Endothelium Induces Tumor Vessel Normalization, Impairs Metastasis, and Improves Chemotherapy. <i>Cancer Cell</i> , 2016, 30, 968-985. | 7.7 | 464 |
| 9 | Effect of Online Hemodiafiltration on All-Cause Mortality and Cardiovascular Outcomes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1087-1096. | 3.0 | 447 |
| 10 | Endothelin-A Receptor Antagonistâ€‘Mediated Vasodilatation Is Attenuated by Inhibition of Nitric Oxide Synthesis and by Endothelin-B Receptor Blockade. <i>Circulation</i> , 1998, 97, 752-756. | 1.6 | 427 |
| 11 | Vascular function in the forearm of hypercholesterolaemic patients off and on lipid-lowering medication. <i>Lancet, The</i> , 1995, 346, 467-471. | 6.3 | 402 |
| 12 | Validation of the Oxford classification of IgA nephropathy in cohorts with different presentations and treatments. <i>Kidney International</i> , 2014, 86, 828-836. | 2.6 | 373 |
| 13 | Cellular regulation of endothelial nitric oxide synthase. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F193-F206. | 1.3 | 354 |
| 14 | 5-Methyltetrahydrofolate, the Active Form of Folic Acid, Restores Endothelial Function in Familial Hypercholesterolemia. <i>Circulation</i> , 1998, 97, 237-241. | 1.6 | 345 |
| 15 | Renal Subcapsular Transplantation of PSC-Derived Kidney Organoids Induces Neo-vasculogenesis and Significant Glomerular and Tubular Maturation InÂ‘Vivo. <i>Stem Cell Reports</i> , 2018, 10, 751-765. | 2.3 | 304 |
| 16 | Sympathetic activation markedly reduces endothelium-dependent, flow-mediated vasodilation. <i>Journal of the American College of Cardiology</i> , 2002, 39, 683-688. | 1.2 | 302 |
| 17 | Autologous Bone Marrow-Derived Mesenchymal Stromal Cells for the Treatment of Allograft Rejection After Renal Transplantation: Results of a Phase I Study. <i>Stem Cells Translational Medicine</i> , 2013, 2, 107-111. | 1.6 | 277 |
| 18 | Atherosclerosis and the Two Faces of Endothelial Nitric Oxide Synthase. <i>Circulation</i> , 1998, 97, 108-112. | 1.6 | 274 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Tetrahydrobiopterin Regulates Superoxide and Nitric Oxide Generation by Recombinant Endothelial Nitric Oxide Synthase. <i>Biochemical and Biophysical Research Communications</i> , 1997, 237, 340-344. | 1.0 | 270 |
| 20 | Evaluating a New International Risk-Prediction Tool in IgA Nephropathy. <i>JAMA Internal Medicine</i> , 2019, 179, 942. | 2.6 | 266 |
| 21 | Folic Acid Reverts Dysfunction of Endothelial Nitric Oxide Synthase. <i>Circulation Research</i> , 2000, 86, 1129-1134. | 2.0 | 265 |
| 22 | Metabolic and Additional Vascular Effects of Thiazolidinediones. <i>Drugs</i> , 2002, 62, 1463-1480. | 4.9 | 265 |
| 23 | Folates and Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 6-13. | 1.1 | 258 |
| 24 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474. | 9.4 | 251 |
| 25 | Antagonist-mediated silencing of endothelial cell specific microRNA-126 impairs ischemia-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1577-1585. | 1.6 | 236 |
| 26 | Metformin reduces vascular and tubular damage during acute renal transplant rejection: blocking monocyte arrest and recruitment. <i>FASEB Journal</i> , 1999, 13, 1371-1383. | 0.2 | 231 |
| 27 | The Metabolic Syndrome is associated with advanced vascular damage in patients with coronary heart disease, stroke, peripheral arterial disease or abdominal aortic aneurysm. <i>European Heart Journal</i> , 2004, 25, 342-348. | 1.0 | 231 |
| 28 | Postprandial recruitment of neutrophils may contribute to endothelial dysfunction. <i>Journal of Lipid Research</i> , 2003, 44, 576-583. | 2.0 | 214 |
| 29 | The relevance of tissue angiotensin-converting enzyme: manifestations in mechanistic and endpoint data. <i>American Journal of Cardiology</i> , 2001, 88, 1-20. | 0.7 | 202 |
| 30 | Assessment of flow-mediated vasodilatation (FMD) of the brachial artery: effects of technical aspects of the FMD measurement on the FMD response. <i>European Heart Journal</i> , 2005, 26, 363-368. | 1.0 | 202 |
| 31 | Nitric Oxide Production Is Reduced in Patients With Chronic Renal Failure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1168-1172. | 1.1 | 197 |
| 32 | Effects of Oral Folic Acid Supplementation on Endothelial Function in Familial Hypercholesterolemia. <i>Circulation</i> , 1999, 100, 335-338. | 1.6 | 193 |
| 33 | Thrombosis and hemostasis in renal disease. <i>Kidney International</i> , 1994, 46, 287-296. | 2.6 | 191 |
| 34 | The MEST score provides earlier risk prediction in IgA nephropathy. <i>Kidney International</i> , 2016, 89, 167-175. | 2.6 | 190 |
| 35 | Corticosteroids in IgA Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2248-2258. | 3.0 | 187 |
| 36 | Endothelin-A Receptor Antagonism Reduces Blood Pressure and Increases Renal Blood Flow in Hypertensive Patients With Chronic Renal Failure. <i>Circulation</i> , 2004, 109, 1186-1193. | 1.6 | 178 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Hypertension and Rarefaction during Treatment with Telatinib, a Small Molecule Angiogenesis Inhibitor. <i>Clinical Cancer Research</i> , 2008, 14, 3470-3476. | 3.2 | 177 |
| 38 | Prevalence of the metabolic syndrome in patients with coronary heart disease, cerebrovascular disease, peripheral arterial disease or abdominal aortic aneurysm. <i>Atherosclerosis</i> , 2004, 173, 361-367. | 0.4 | 171 |
| 39 | Thiazolidinediones and Blood Lipids in Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1744-1749. | 1.1 | 168 |
| 40 | Bone-Marrow-Derived Cells Contribute to Glomerular Endothelial Repair in Experimental Glomerulonephritis. <i>American Journal of Pathology</i> , 2003, 163, 553-562. | 1.9 | 166 |
| 41 | The Netherlands Epidemiology of Obesity (NEO) study: study design and data collection. <i>European Journal of Epidemiology</i> , 2013, 28, 513-523. | 2.5 | 166 |
| 42 | Origin of superoxide production by endothelial nitric oxide synthase. <i>FEBS Letters</i> , 1998, 438, 161-164. | 1.3 | 165 |
| 43 | Nitric oxide availability in diabetes mellitus. <i>Diabetes/metabolism Reviews</i> , 1998, 14, 241-249. | 0.4 | 161 |
| 44 | Early Mechanisms of Renal Injury in Hypercholesterolemic or Hypertriglyceridemic Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 669-683. | 3.0 | 159 |
| 45 | The relative contribution of mechanical stress and systemic processes in different types of osteoarthritis: the NEO study. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1842-1847. | 0.5 | 153 |
| 46 | Influence of Folic Acid on Postprandial Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 185-188. | 1.1 | 150 |
| 47 | Aspirin treatment hampers the use of plasma microRNA-126 as a biomarker for the progression of vascular disease. <i>European Heart Journal</i> , 2013, 34, 3451-3457. | 1.0 | 149 |
| 48 | Activation of leukocytes by postprandial lipemia in healthy volunteers. <i>Atherosclerosis</i> , 2004, 177, 175-182. | 0.4 | 148 |
| 49 | Variability of flow mediated dilation: consequences for clinical application. <i>Atherosclerosis</i> , 2001, 157, 369-373. | 0.4 | 147 |
| 50 | Loss of β -Cell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. <i>Diabetes</i> , 2015, 64, 2928-2938. | 0.3 | 141 |
| 51 | Deeper Penetration of Erythrocytes into the Endothelial Glycocalyx Is Associated with Impaired Microvascular Perfusion. <i>PLoS ONE</i> , 2014, 9, e96477. | 1.1 | 140 |
| 52 | Reduction of VEGF-A and CTGF expression in diabetic nephropathy is associated with podocyte loss. <i>Kidney International</i> , 2007, 71, 637-645. | 2.6 | 139 |
| 53 | Effects of endothelin-1 on renal function in humans: Implications for physiology and Pathophysiology. <i>Kidney International</i> , 1994, 46, 376-381. | 2.6 | 138 |
| 54 | Fibrin and Activated Platelets Cooperatively Guide Stem Cells to a Vascular Injury and Promote Differentiation Towards an Endothelial Cell Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1653-1659. | 1.1 | 136 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Angiogenesis and Endothelial Cell Repair in Renal Disease and Allograft Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 932-942. | 3.0 | 136 |
| 56 | Functional and Cognitive Impairment, Frailty, and Adverse Health Outcomes in Older Patients Reaching ESRD—A Systematic Review. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1624-1639. | 2.2 | 136 |
| 57 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130. | 5.8 | 133 |
| 58 | Ferric saccharate induces oxygen radical stress and endothelial dysfunction in vivo. <i>European Journal of Clinical Investigation</i> , 2002, 32, 9-16. | 1.7 | 129 |
| 59 | The glycocalyx—linking albuminuria with renal and cardiovascular disease. <i>Nature Reviews Nephrology</i> , 2015, 11, 667-676. | 4.1 | 128 |
| 60 | Macrophages in diabetic nephropathy in patients with type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw260. | 0.4 | 128 |
| 61 | Endothelial activation and circulating markers of endothelial activation in kidney disease. <i>Nature Reviews Nephrology</i> , 2010, 6, 404-414. | 4.1 | 126 |
| 62 | The NET-effect of combining rituximab with belimumab in severe systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2018, 91, 45-54. | 3.0 | 125 |
| 63 | Impaired NO-dependent vasodilation in patients with Type II (non-insulin-dependent) diabetes mellitus is restored by acute administration of folate. <i>Diabetologia</i> , 2002, 45, 1004-1010. | 2.9 | 124 |
| 64 | Progressive vascular damage in hypertension is associated with increased levels of circulating P-selectin. <i>Journal of Hypertension</i> , 1998, 16, 45-50. | 0.3 | 123 |
| 65 | Pathophysiologic and therapeutic importance of tissue ACE: a consensus report. <i>Cardiovascular Drugs and Therapy</i> , 2002, 16, 149-160. | 1.3 | 118 |
| 66 | Single-Cell RNA Sequencing Reveals Renal Endothelium Heterogeneity and Metabolic Adaptation to Water Deprivation. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 118-138. | 3.0 | 117 |
| 67 | In vitro evidence for differential involvement of CTGF, TGF β 2, and PDGF β in mesangial response to injury. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 1139-1148. | 0.4 | 116 |
| 68 | Conversion of Mature Human β 2-Cells Into Glucagon-Producing β 1-Cells. <i>Diabetes</i> , 2013, 62, 2471-2480. | 0.3 | 115 |
| 69 | Association of Kidney Function with Changes in the Endothelial Surface Layer. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 698-704. | 2.2 | 115 |
| 70 | The cytokine secretion profile of mesenchymal stromal cells is determined by surface structure of the microenvironment. <i>Scientific Reports</i> , 2018, 8, 7716. | 1.6 | 115 |
| 71 | Comparison of Rosiglitazone and Metformin for Treating HIV Lipodystrophy. <i>Annals of Internal Medicine</i> , 2005, 143, 337. | 2.0 | 114 |
| 72 | Tetrahydrobiopterin, but Not L-Arginine, Decreases NO Synthase Uncoupling in Cells Expressing High Levels of Endothelial NO Synthase. <i>Hypertension</i> , 2006, 47, 87-94. | 1.3 | 114 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Long-term ketogenic diet causes glucose intolerance and reduced β - and α -cell mass but no weight loss in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E552-E558. | 1.8 | 111 |
| 74 | Arteriovenous access failure: more than just intimal hyperplasia?. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 1085-1092. | 0.4 | 110 |
| 75 | Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. <i>Stem Cell Reports</i> , 2018, 10, 712-724. | 2.3 | 106 |
| 76 | Bradykinin-Induced Vasodilation of Human Forearm Resistance Vessels Is Primarily Mediated by Endothelium-Dependent Hyperpolarization. <i>Hypertension</i> , 2000, 35, 1314-1318. | 1.3 | 105 |
| 77 | Short-Term Pioglitazone Treatment Improves Vascular Function Irrespective of Metabolic Changes in Patients With Type 2 Diabetes. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 773-778. | 0.8 | 105 |
| 78 | Heparanase: roles in cell survival, extracellular matrix remodelling and the development of kidney disease. <i>Nature Reviews Nephrology</i> , 2017, 13, 201-212. | 4.1 | 104 |
| 79 | Endothelial Progenitor Cells: More Than an Inflammatory Response?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 834-838. | 1.1 | 103 |
| 80 | Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016, 65, 2429-2439. | 0.3 | 101 |
| 81 | NF κ B decoy oligodeoxynucleotides reduce monocyte infiltration in renal allografts. <i>FASEB Journal</i> , 2000, 14, 815-822. | 0.2 | 100 |
| 82 | Functional and Structural Markers of Atherosclerosis in Human Immunodeficiency Virus-Infected Patients. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1117-1123. | 1.2 | 100 |
| 83 | A microscopic view on the renal endothelial glycocalyx. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F956-F966. | 1.3 | 100 |
| 84 | Glomerular Endothelial Surface Layer Acts as a Barrier against Albumin Filtration. <i>American Journal of Pathology</i> , 2013, 182, 1532-1540. | 1.9 | 99 |
| 85 | Hematopoietic MicroRNA-126 Protects against Renal Ischemia/Reperfusion Injury by Promoting Vascular Integrity. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1710-1722. | 3.0 | 99 |
| 86 | South-Asian Type 2 Diabetic Patients Have Higher Incidence and Faster Progression of Renal Disease Compared With Dutch-European Diabetic Patients. <i>Diabetes Care</i> , 2006, 29, 1383-1385. | 4.3 | 98 |
| 87 | Silencing of microRNA-132 reduces renal fibrosis by selectively inhibiting myofibroblast proliferation. <i>Kidney International</i> , 2016, 89, 1268-1280. | 2.6 | 97 |
| 88 | MicroRNA-126 contributes to renal microvascular heterogeneity of VCAM-1 protein expression in acute inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1630-F1639. | 1.3 | 95 |
| 89 | The dialysis procedure as a trigger for atrial fibrillation: new insights in the development of atrial fibrillation in dialysis patients. <i>Heart</i> , 2014, 100, 685-690. | 1.2 | 95 |
| 90 | Preventing microalbuminuria in patients with diabetes: rationale and design of the Randomised Olmesartan and Diabetes Microalbuminuria Prevention (ROADMAP) study. <i>Journal of Hypertension</i> , 2006, 24, 403-408. | 0.3 | 94 |

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|-----|---|-----|-----------|
| 91 | Emerging roles for RNA-binding proteins as effectors and regulators of cardiovascular disease. <i>European Heart Journal</i> , 2017, 38, ehw567. | 1.0 | 94 |
| 92 | Differentiation of Bone Marrow-Derived Endothelial Progenitor Cells Is Shifted into a Proinflammatory Phenotype by Hyperglycemia. <i>Molecular Medicine</i> , 2009, 15, 152-159. | 1.9 | 93 |
| 93 | Endothelin-1 Induces Proteinuria by Heparanase-Mediated Disruption of the Glomerular Glycocalyx. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3545-3551. | 3.0 | 93 |
| 94 | Cyclosporin A Increases Nitric Oxide Activity In Vivo. <i>Hypertension</i> , 1997, 29, 570-575. | 1.3 | 92 |
| 95 | The role of heparanase and the endothelial glycocalyx in the development of proteinuria. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 49-55. | 0.4 | 90 |
| 96 | Quaking promotes monocyte differentiation into pro-atherogenic macrophages by controlling pre-mRNA splicing and gene expression. <i>Nature Communications</i> , 2016, 7, 10846. | 5.8 | 87 |
| 97 | Quaking, an RNA-Binding Protein, Is a Critical Regulator of Vascular Smooth Muscle Cell Phenotype. <i>Circulation Research</i> , 2013, 113, 1065-1075. | 2.0 | 86 |
| 98 | MicroRNA-126 modulates endothelial SDF-1 expression and mobilization of Sca-1+/Lin ⁻ progenitor cells in ischaemia. <i>Cardiovascular Research</i> , 2011, 92, 449-455. | 1.8 | 85 |
| 99 | Endothelial Nitric Oxide Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 267-271. | 1.1 | 84 |
| 100 | Complement activation by tubular cells is mediated by properdin binding. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F1397-F1403. | 1.3 | 84 |
| 101 | Multipotent mesenchymal stromal cell therapy in renal disease and kidney transplantation. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 17-24. | 0.4 | 83 |
| 102 | Acute Simultaneous Stimulation of Nitric Oxide and Oxygen Radicals by Angiotensin II in Humans in Vivo. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 33, 420-424. | 0.8 | 83 |
| 103 | Partial remission of nephrotic syndrome in patient on long-term simvastatin. <i>Lancet, The</i> , 1990, 335, 1045-1046. | 6.3 | 82 |
| 104 | Proportionate increase of fibrinogen and albumin synthesis in nephrotic patients: Measurements with stable isotopes. <i>Kidney International</i> , 1998, 53, 181-188. | 2.6 | 82 |
| 105 | Nifedipine improves endothelial function in hypercholesterolemia, independently of an effect on blood pressure or plasma lipids. <i>Cardiovascular Research</i> , 1999, 42, 752-760. | 1.8 | 82 |
| 106 | Adiposity and hand osteoarthritis: the Netherlands Epidemiology of Obesity study. <i>Arthritis Research and Therapy</i> , 2014, 16, R19. | 1.6 | 82 |
| 107 | A novel method for high-throughput detection and quantification of neutrophil extracellular traps reveals ROS-independent NET release with immune complexes. <i>Autoimmunity Reviews</i> , 2016, 15, 577-584. | 2.5 | 82 |
| 108 | Kinetics of Connective Tissue Growth Factor Expression during Experimental Proliferative Glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 472-484. | 3.0 | 82 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Prophylactic Use of Implantable Cardioverter-Defibrillators in the Prevention of Sudden Cardiac Death in Dialysis Patients. <i>Circulation</i> , 2019, 139, 2628-2638. | 1.6 | 81 |
| 110 | Effect of angiotensin-converting enzyme inhibition and angiotensin II type 1 receptor antagonism on postprandial endothelial function. <i>Journal of the American College of Cardiology</i> , 1999, 34, 140-145. | 1.2 | 80 |
| 111 | Rosiglitazone Improves Postprandial Triglyceride and Free Fatty Acid Metabolism in Type 2 Diabetes. <i>Diabetes Care</i> , 2005, 28, 844-849. | 4.3 | 80 |
| 112 | Early and late adjustment to potassium loading in humans. <i>Kidney International</i> , 1990, 38, 942-947. | 2.6 | 79 |
| 113 | Increased VLDL in nephrotic patients results from a decreased catabolism while increased LDL results from increased synthesis. <i>Kidney International</i> , 1998, 53, 994-1001. | 2.6 | 78 |
| 114 | Endothelial nitric oxide synthase activity is linked to its presence at cell-cell contacts. <i>Biochemical Journal</i> , 2002, 361, 193-201. | 1.7 | 76 |
| 115 | Intensive Lipid Lowering by Statin Therapy Does Not Improve Vasoreactivity in Patients With Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 799-804. | 1.1 | 75 |
| 116 | Systemic Monocyte Chemoattractant Protein-1 Inhibition Modifies Renal Macrophages and Restores Glomerular Endothelial Glycocalyx and Barrier Function in Diabetic Nephropathy. <i>American Journal of Pathology</i> , 2017, 187, 2430-2440. | 1.9 | 75 |
| 117 | TNF- α induces endothelial dysfunction in diabetic adults, an effect reversible by the PPAR- γ agonist pioglitazone. <i>European Heart Journal</i> , 2006, 27, 1605-1609. | 1.0 | 73 |
| 118 | Circulating MicroRNAs Associate With Diabetic Nephropathy and Systemic Microvascular Damage and Normalize After Simultaneous Pancreas-Kidney Transplantation. <i>American Journal of Transplantation</i> , 2015, 15, 1081-1090. | 2.6 | 73 |
| 119 | Excessive neutrophil extracellular trap formation in ANCA-associated vasculitis is independent of ANCA. <i>Kidney International</i> , 2018, 94, 139-149. | 2.6 | 73 |
| 120 | Angiogenic Murine Endothelial Progenitor Cells Are Derived From a Myeloid Bone Marrow Fraction and Can Be Identified by Endothelial NO Synthase Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1760-1767. | 1.1 | 72 |
| 121 | Copeptin, a surrogate marker for vasopressin, is associated with kidney function decline in subjects with autosomal dominant polycystic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4131-4137. | 0.4 | 72 |
| 122 | Shear Stress Regulation of Endothelial Glycocalyx Structure Is Determined by Glucobiosynthesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 350-364. | 1.1 | 71 |
| 123 | Endothelial function in the post-prandial state. <i>Atherosclerosis Supplements</i> , 2002, 3, 11-16. | 1.2 | 70 |
| 124 | Central Obesity Is an Independent Risk Factor for Albuminuria in Nondiabetic South Asian Subjects. <i>Diabetes Care</i> , 2007, 30, 1840-1844. | 4.3 | 70 |
| 125 | Donor Brain Death Predisposes Human Kidney Grafts to a Proinflammatory Reaction after Transplantation. <i>American Journal of Transplantation</i> , 2011, 11, 1064-1070. | 2.6 | 70 |
| 126 | Development and evaluation of in vivo tissue engineered blood vessels in a porcine model. <i>Biomaterials</i> , 2016, 75, 82-90. | 5.7 | 70 |

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|-----|--|-----|-----------|
| 127 | Postprandial leukocyte increase in healthy subjects. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 199-202. | 1.5 | 68 |
| 128 | Free radical production by dysfunctional eNOS. <i>British Heart Journal</i> , 2004, 90, 494-495. | 2.2 | 67 |
| 129 | Nifedipine Improves Endothelial Function. <i>Hypertension</i> , 2008, 52, 491-498. | 1.3 | 67 |
| 130 | Connective tissue growth factor: just another factor in renal fibrosis?. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 296-299. | 0.4 | 66 |
| 131 | Advancement of Mesenchymal Stem Cell Therapy in Solid Organ Transplantation (MISOT). <i>Transplantation</i> , 2010, 90, 124-126. | 0.5 | 66 |
| 132 | Dexamethasone increases ROS production and T cell suppressive capacity by anti-inflammatory macrophages. <i>Molecular Immunology</i> , 2011, 49, 549-557. | 1.0 | 65 |
| 133 | Preservation of β -cell function by targeting β -cell mass. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 218-227. | 4.0 | 64 |
| 134 | Reconstituted HDL infusion restores endothelial function in patients with type 2 diabetes mellitus. <i>Diabetologia</i> , 2008, 51, 1081-1084. | 2.9 | 62 |
| 135 | Effect of statin versus fibrate on postprandial endothelial dysfunction: role of remnant-like particles. <i>Cardiovascular Research</i> , 2001, 50, 577-582. | 1.8 | 61 |
| 136 | Non-invasive cardiac imaging techniques and vascular tools for the assessment of cardiovascular disease in type 2 diabetes mellitus. <i>Diabetologia</i> , 2008, 51, 1581-1593. | 2.9 | 60 |
| 137 | Belimumab after rituximab as maintenance therapy in lupus nephritis. <i>Rheumatology</i> , 2014, 53, 2122-2124. | 0.9 | 60 |
| 138 | Tonsillectomy in a European Cohort of 1,147 Patients with IgA Nephropathy. <i>Nephron</i> , 2016, 132, 15-24. | 0.9 | 60 |
| 139 | Phenotypic diversity and metabolic specialization of renal endothelial cells. <i>Nature Reviews Nephrology</i> , 2021, 17, 441-464. | 4.1 | 60 |
| 140 | Endothelial Progenitor Cell Dysfunction in Type 1 Diabetes: Another Consequence of Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1468-1475. | 2.5 | 59 |
| 141 | Safety of allogeneic bone marrow derived mesenchymal stromal cell therapy in renal transplant recipients: the neptune study. <i>Journal of Translational Medicine</i> , 2015, 13, 344. | 1.8 | 59 |
| 142 | New horizons in prevention and treatment of ischaemic injury to kidney transplants. <i>Nephrology Dialysis Transplantation</i> , 2006, 22, 342-346. | 0.4 | 57 |
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