# Friedrich C Luft

List of Publications by Year
in descending order



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|---|---|---|---|
| 826 papers | 46,785 citations | 1296 112 h-index | 4217 180 g-index |
| 841 all docs | 841 docs citations | 841 times ranked | 40423 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Loss of Caveolae, Vascular Dysfunction, and Pulmonary Defects in Caveolin-1 Gene-Disrupted Mice. Science, 2001, 293, 2449-2452. | 6.0 | 1,414 |
| 2 | Macrophages regulate salt-dependent volume and blood pressure by a vascular endothelial growth factor-Câ€“dependent buffering mechanism. Nature Medicine, 2009, 15, 545-552. | 15.2 | 835 |
| 3 | Angiotensin II Type 1â€“Receptor Activating Antibodies in Renal-Allograft Rejection. New England Journal of Medicine, 2005, 352, 558-569. | 13.9 | 760 |
| 4 | Patients with preeclampsia develop agonistic autoantibodies against the angiotensin AT1 receptor. Journal of Clinical Investigation, 1999, 103, 945-952. | 3.9 | 724 |
| 5 | Activation of the Peripheral Endocannabinoid System in Human Obesity. Diabetes, 2005, 54, 2838-2843. | 0.3 | 619 |
| 6 | Weight Loss and the Renin-Angiotensin-Aldosterone System. Hypertension, 2005, 45, 356-362. | 1.3 | 554 |
| 7 | Contrast Mediaâ€“Enhanced Magnetic Resonance Imaging Visualizes Myocardial Changes in the Course of Viral Myocarditis. Circulation, 1998, 97, 1802-1809. | 1.6 | 514 |
| 8 | Increased Vascular Smooth Muscle Contractility in TRPC6â^'/â^' Mice. Molecular and Cellular Biology, 2005, 25, 6980-6989. | 1.1 | 467 |
| 9 | Periadventitial fat releases a vascular relaxing factor. FASEB Journal, 2002, 16, 1057-1063. | 0.2 | 425 |
| 10 | Association Between Adiponectin and Mediators of Inflammation in Obese Women. Diabetes, 2003, 52, 942-947. | 0.3 | 382 |
| 11 | NF-Î¹B Inhibition Ameliorates Angiotensin IIâ€“Induced Inflammatory Damage in Rats. Hypertension, 2000, 35, 193-201. | 1.3 | 374 |
| 12 | Carotid Baroreceptor Stimulation, Sympathetic Activity, Baroreflex Function, and Blood Pressure in Hypertensive Patients. Hypertension, 2010, 55, 619-626. | 1.3 | 366 |
| 13 | The Renal Arterial Resistance Index and Renal Allograft Survival. New England Journal of Medicine, 2003, 349, 115-124. | 13.9 | 363 |
| 14 | C5a Receptor Mediates Neutrophil Activation and ANCA-Induced Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2009, 20, 289-298. | 3.0 | 350 |
| 15 | Immune cells control skin lymphatic electrolyte homeostasis and blood pressure. Journal of Clinical Investigation, 2013, 123, 2803-2815. | 3.9 | 338 |
| 16 | <sup>23</sup> Na Magnetic Resonance Imaging-Determined Tissue Sodium in Healthy Subjects and Hypertensive Patients. Hypertension, 2013, 61, 635-640. | 1.3 | 332 |
| 17 | Retinol-Binding Protein 4 in Human Obesity. Diabetes, 2006, 55, 2805-2810. | 0.3 | 329 |
| 18 | Novel Baroreflex Activation Therapy in Resistant Hypertension. Journal of the American College of Cardiology, 2010, 56, 1254-1258. | 1.2 | 321 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Arachidonic Acid-metabolizing Cytochrome P450 Enzymes Are Targets of Ï‰-3 Fatty Acids*. Journal of Biological Chemistry, 2010, 285, 32720-32733. | 1.6 | 316 |
| 20 | Lactic Acidosis Update for Critical Care Clinicians. Journal of the American Society of Nephrology: JASN, 2001, 12, S15-S19. | 3.0 | 313 |
| 21 | Diagnostic and Prognostic Stratification in the Emergency Department Using Urinary Biomarkers of Nephron Damage. Journal of the American College of Cardiology, 2012, 59, 246-255. | 1.2 | 306 |
| 22 | AT 1 Receptor Agonistic Antibodies From Preeclamptic Patients Stimulate NADPH Oxidase. Circulation, 2003, 107, 1632-1639. | 1.6 | 305 |
| 23 | Mice With Disrupted BK Channel Î²1 Subunit Gene Feature Abnormal Ca <sup>2+</sup> Spark/STOC Coupling and Elevated Blood Pressure. Circulation Research, 2000, 87, E53-60. | 2.0 | 295 |
| 24 | Long-Term Space Flight Simulation Reveals Infradian Rhythmicity in Human Na+ Balance. Cell Metabolism, 2013, 17, 125-131. | 7.2 | 294 |
| 25 | Mature Adipocytes Inhibit In Vitro Differentiation of Human Preadipocytes via Angiotensin Type 1 Receptors. Diabetes, 2002, 51, 1699-1707. | 0.3 | 290 |
| 26 | Regulatory T Cells Ameliorate Angiotensin IIâ€“Induced Cardiac Damage. Circulation, 2009, 119, 2904-2912. | 1.6 | 285 |
| 27 | Hypothesis: Î²-Adrenergic Receptor Blockers and Weight Gain. Hypertension, 2001, 37, 250-254. | 1.3 | 278 |
| 28 | Angiotensin Blockade Prevents Type 2 Diabetes by Formation of Fat Cells. Hypertension, 2002, 40, 609-611. | 1.3 | 259 |
| 29 | Resistin Gene Expression in Human Adipocytes Is Not Related to Insulin Resistance. Obesity, 2002, 10, 1-5. | 4.0 | 259 |
| 30 | Involvement of functional autoantibodies against vascular receptors in systemic sclerosis. Annals of the Rheumatic Diseases, 2011, 70, 530-536. | 0.5 | 254 |
| 31 | Visceral Periadventitial Adipose Tissue Regulates Arterial Tone of Mesenteric Arteries. Hypertension, 2004, 44, 271-276. | 1.3 | 253 |
| 32 | Cutaneous Na+ Storage Strengthens the Antimicrobial Barrier Function of the Skin and Boosts Macrophage-Driven Host Defense. Cell Metabolism, 2015, 21, 493-501. | 7.2 | 252 |
| 33 | Immunosuppressive Treatment Protects Against Angiotensin II-Induced Renal Damage. American Journal of Pathology, 2002, 161, 1679-1693. | 1.9 | 250 |
| 34 | Randomized comparison of reduced fat and reduced carbohydrate hypocaloric diets on intrahepatic fat in overweight and obese human subjects. Hepatology, 2011, 53, 1504-1514. | 3.6 | 246 |
| 35 | Long-term outcomes in acute renal failure patients treated with continuous renal replacement therapies. American Journal of Kidney Diseases, 2002, 40, 275-279. | 2.1 | 243 |
| 36 | Adiponectin is a novel humoral vasodilator. Cardiovascular Research, 2007, 75, 719-727. | 1.8 | 238 |

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|---|---|---|---|
| 37 | Dysregulation of the Circulating and Tissue-Based Renin-Angiotensin System in Preeclampsia. Hypertension, 2007, 49, 604-611. | 1.3 | 235 |
| 38 | Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. Journal of Molecular Medicine, 2001, 79, 76-102. | 1.7 | 230 |
| 39 | AT <sub>1</sub> Receptor Agonistic Antibodies From Preeclamptic Patients Cause Vascular Cells to Express Tissue Factor. Circulation, 2000, 101, 2382-2387. | 1.6 | 228 |
| 40 | Aliskiren, a Human Renin Inhibitor, Ameliorates Cardiac and Renal Damage in Double-Transgenic Rats. Hypertension, 2005, 46, 569-576. | 1.3 | 224 |
| 41 | <sup>23</sup> Na Magnetic Resonance Imaging of Tissue Sodium. Hypertension, 2012, 59, 167-172. | 1.3 | 223 |
| 42 | Long non-coding RNA in health and disease. Journal of Molecular Medicine, 2014, 92, 337-346. | 1.7 | 221 |
| 43 | From totipotent embryonic stem cells to spontaneously contracting smooth muscle cells: a retinoic acid and dbâ€cAMP in vitro differentiation model. FASEB Journal, 1997, 11, 905-915. | 0.2 | 220 |
| 44 | Osmotically inactive skin Na<sup>+</sup>storage in rats. American Journal of Physiology - Renal Physiology, 2003, 285, F1108-F1117. | 1.3 | 217 |
| 45 | Aldosterone Potentiates Angiotensin IIâ€“Induced Signaling in Vascular Smooth Muscle Cells. Circulation, 2004, 109, 2792-2800. | 1.6 | 214 |
| 46 | Prorenin and Renin-Induced Extracellular Signal-Regulated Kinase 1/2 Activation in Monocytes Is Not Blocked by Aliskiren or the Handle-Region Peptide. Hypertension, 2008, 51, 682-688. | 1.3 | 212 |
| 47 | Water Drinking Acutely Improves Orthostatic Tolerance in Healthy Subjects. Circulation, 2002, 106, 2806-2811. | 1.6 | 201 |
| 48 | Hypertension-Induced End-Organ Damage. Hypertension, 1999, 33, 212-218. | 1.3 | 199 |
| 49 | Monocyte Infiltration and Adhesion Molecules in a Rat Model of High Human Renin Hypertension. Hypertension, 1999, 33, 389-395. | 1.3 | 198 |
| 50 | Mineralocorticoid Receptor Affects AP-1 and Nuclear Factor-Î¹B Activation in Angiotensin IIâ€“Induced Cardiac Injury. Hypertension, 2001, 37, 787-793. | 1.3 | 196 |
| 51 | Interleukin-8 delays spontaneous and tumor necrosis factor-Î±-mediated apoptosis of human neutrophils. Kidney International, 1998, 53, 84-91. | 2.6 | 193 |
| 52 | Regulation of 11Î²â€HSD Genes in Human Adipose Tissue: Influence of Central Obesity and Weight Loss. Obesity, 2004, 12, 9-17. | 4.0 | 189 |
| 53 | Megalin Deficiency Offers Protection from Renal Aminoglycoside Accumulation. Journal of Biological Chemistry, 2002, 277, 618-622. | 1.6 | 186 |
| 54 | Dietary omega-3 fatty acids modulate the eicosanoid profile in man primarily via the CYP-epoxygenase pathway. Journal of Lipid Research, 2014, 55, 1150-1164. | 2.0 | 186 |

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|---|---|---|---|
| 55 | Magnetic resonanceâ€“determined sodium removal from tissue stores in hemodialysis patients. Kidney International, 2015, 87, 434-441. | 2.6 | 182 |
| 56 | Prorenin Receptor Is Essential for Podocyte Autophagy and Survival. Journal of the American Society of Nephrology: JASN, 2011, 22, 2193-2202. | 3.0 | 179 |
| 57 | Hormonal regulation of the human adipose-tissue reninâ€“angiotensin system: relationship to obesity and hypertension. Journal of Hypertension, 2002, 20, 965-973. | 0.3 | 178 |
| 58 | Endothelial Dysfunction and Elevated Blood Pressure in Mas Gene-Deleted Mice. Hypertension, 2008, 51, 574-580. | 1.3 | 178 |
| 59 | Agreement Between 24-Hour Salt Ingestion and Sodium Excretion in a Controlled Environment. Hypertension, 2015, 66, 850-857. | 1.3 | 176 |
| 60 | Urinary neutrophil gelatinase-associated lipocalin distinguishes pre-renal from intrinsic renal failure and predicts outcomes. Kidney International, 2011, 80, 405-414. | 2.6 | 175 |
| 61 | Mononuclear Phagocyte System Depletion Blocks Interstitial Tonicity-Responsive Enhancer Binding Protein/Vascular Endothelial Growth Factor C Expression and Induces Salt-Sensitive Hypertension in Rats. Hypertension, 2010, 55, 755-761. | 1.3 | 174 |
| 62 | High Glucose Concentrations Increase Endothelial Cell Permeability via Activation of Protein Kinase CÎ±. Circulation Research, 1997, 81, 363-371. | 2.0 | 172 |
| 63 | The transcription factor grainyhead-like 2 regulates the molecular composition of the epithelial apical junctional complex. Development (Cambridge), 2010, 137, 3835-3845. | 1.2 | 169 |
| 64 | Aldosterone Synthase Inhibitor Ameliorates Angiotensin IIâ€“Induced Organ Damage. Circulation, 2005, 111, 3087-3094. | 1.6 | 166 |
| 65 | Î²-2 Adrenergic Receptor Variants Affect Resting Blood Pressure and Agonist-Induced Vasodilation in Young Adult Caucasians. Hypertension, 1999, 33, 1425-1430. | 1.3 | 163 |
| 66 | Soluble epoxide hydrolase is a susceptibility factor for heart failure in a rat model of human disease. Nature Genetics, 2008, 40, 529-537. | 9.4 | 163 |
| 67 | New Aspects in the Pathophysiology of Preeclampsia. Journal of the American Society of Nephrology: JASN, 2004, 15, 2440-2448. | 3.0 | 161 |
| 68 | Cerivastatin prevents angiotensin II-induced renal injury independent of blood pressure- and cholesterol-lowering effects. Kidney International, 2000, 58, 1420-1430. | 2.6 | 157 |
| 69 | A common polymorphism in KCNH2 (HERG) hastens cardiac repolarization. Cardiovascular Research, 2003, 59, 27-36. | 1.8 | 156 |
| 70 | Pathophysiology and management of hypokalemia: a clinical perspective. Nature Reviews Nephrology, 2011, 7, 75-84. | 4.1 | 156 |
| 71 | Ignition of Calcium Sparks in Arterial and Cardiac Muscle Through Caveolae. Circulation Research, 2000, 87, 1034-1039. | 2.0 | 155 |
| 72 | Systemic peripheral artery relaxation by KCNQ channel openers and hydrogen sulfide. Journal of Hypertension, 2010, 28, 1875-1882. | 0.3 | 154 |

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| 73 | High salt intake reprioritizes osmolyte and energy metabolism for body fluid conservation. Journal of Clinical Investigation, 2017, 127, 1944-1959. | 3.9 | 153 |
| 74 | Lipid Mobilization with Physiological Atrial Natriuretic Peptide Concentrations in Humans. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3622-3628. | 1.8 | 152 |
| 75 | Amelioration of Angiotensin IIâ€"Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor. Circulation, 2001, 104, 576-581. | 1.6 | 151 |
| 76 | Regulation of Glucose Transporter SGLT1 by Ubiquitin Ligase Nedd4â€2 and Kinases SGK1, SGK3, and PKB. Obesity, 2004, 12, 862-870. | 4.0 | 151 |
| 77 | Antisense oligonucleotides for ICAM-1 attenuate reperfusion injury and renal failure in the rat. Kidney International, 1996, 50, 473-480. | 2.6 | 149 |
| 78 | Microalbuminuria screening by reagent strip predicts cardiovascular risk in hypertension. Journal of Hypertension, 1996, 14, 223-228. | 0.3 | 147 |
| 79 | Perivascular Adipose Tissue and Mesenteric Vascular Function in Spontaneously Hypertensive Rats. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1297-1302. | 1.1 | 146 |
| 80 | PDE3A mutations cause autosomal dominant hypertension with brachydactyly. Nature Genetics, 2015, 47, 647-653. | 9.4 | 146 |
| 81 | Mechanisms of ADRF release from rat aortic adventitial adipose tissue. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1107-H1113. | 1.5 | 145 |
| 82 | Membrane Expression of Proteinase 3 Is Genetically Determined. Journal of the American Society of Nephrology: JASN, 2003, 14, 68-75. | 3.0 | 144 |
| 83 | Mouse Cyp4a isoforms: enzymatic properties, gender- and strain-specific expression, and role in renal 20-hydroxyeicosatetraenoic acid formation. Biochemical Journal, 2007, 403, 109-118. | 1.7 | 142 |
| 84 | Effect of Bosentan on NF-ÎºB, Inflammation, and Tissue Factor in Angiotensin IIâ€"Induced End-Organ Damage. Hypertension, 2000, 36, 282-290. | 1.3 | 141 |
| 85 | The Molecular and Cellular Identity of Peripheral Osmoreceptors. Neuron, 2011, 69, 332-344. | 3.8 | 141 |
| 86 | Severe autosomal dominant hypertension and brachydactyly in a unique Turkish kindred maps to human chromosome 12. Nature Genetics, 1996, 13, 98-100. | 9.4 | 139 |
| 87 | Emergence and evolution of the reninâ€"angiotensinâ€"aldosterone system. Journal of Molecular Medicine, 2012, 90, 495-508. | 1.7 | 138 |
| 88 | Tubular Epithelial NF-ÎºB Activity Regulates Ischemic AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 2658-2669. | 3.0 | 138 |
| 89 | Agonistic Autoantibodies to the AT1 Receptor in a Transgenic Rat Model of Preeclampsia. Hypertension, 2005, 45, 742-746. | 1.3 | 137 |
| 90 | Postischemic Acute Renal Failure Is Reduced by Short-Term Statin Treatment in a Rat Model. Journal of the American Society of Nephrology: JASN, 2002, 13, 2288-2298. | 3.0 | 135 |

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|---|---|---|---|
| 91 | Interaction Between P450 Eicosanoids and Nitric Oxide in the Control of Arterial Tone in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 54-60. | 1.1 | 135 |
| 92 | Effects of Intracellular Angiotensin II in Vascular Smooth Muscle Cells. Circulation Research, 1996, 79, 765-772. | 2.0 | 135 |
| 93 | Inhibition of pressure natriuresis in mice lacking the AT2 receptor. Kidney International, 2000, 57, 191-202. | 2.6 | 134 |
| 94 | The Putative (Pro)renin Receptor Blocker HRP Fails to Prevent (Pro)renin Signaling. Journal of the American Society of Nephrology: JASN, 2008, 19, 743-748. | 3.0 | 133 |
| 95 | Lâ€type calcium channel expression depends on the differentiated state of vascular smooth muscle cells. FASEB Journal, 1998, 12, 593-601. | 0.2 | 129 |
| 96 | Vascular Endothelial Cellâ€“Specific NF-Î¹B Suppression Attenuates Hypertension-Induced Renal Damage. Circulation Research, 2007, 101, 268-276. | 2.0 | 128 |
| 97 | (Pro)Renin Receptor Peptide Inhibitor â€œHandle-Regionâ€•Peptide Does Not Affect Hypertensive Nephrosclerosis in Goldblatt Rats. Hypertension, 2008, 51, 676-681. | 1.3 | 128 |
| 98 | High Human Renin Hypertension in Transgenic Rats. Hypertension, 1997, 29, 428-434. | 1.3 | 127 |
| 99 | Renal effects of Tamm-Horsfall protein (uromodulin) deficiency in mice. American Journal of Physiology - Renal Physiology, 2005, 288, F559-F567. | 1.3 | 127 |
| 100 | Spooky sodium balance. Kidney International, 2014, 85, 759-767. | 2.6 | 127 |
| 101 | Comparative Nephrotoxicities of Netilmicin and Gentamicin in Rats. Antimicrobial Agents and Chemotherapy, 1976, 10, 845-849. | 1.4 | 126 |
| 102 | Î²-2 Adrenoceptor genetic variation is associated with genetic predisposition to essential hypertension: The Bergen Blood Pressure Study. Kidney International, 1998, 53, 1455-1460. | 2.6 | 125 |
| 103 | Atrial Natriuretic Peptide Induces Postprandial Lipid Oxidation in Humans. Diabetes, 2008, 57, 3199-3204. | 0.3 | 125 |
| 104 | Urinary Calcium Excretion at Extremes of Sodium Intake in Normal Man. American Journal of Nephrology, 1981, 1, 84-90. | 1.4 | 122 |
| 105 | Alternative splicing of human genes: more the rule than the exception?. Trends in Genetics, 1999, 15, 389-390. | 2.9 | 121 |
| 106 | Plasma Exchange for Primary Autoimmune Autonomic Failure. New England Journal of Medicine, 2005, 353, 1585-1590. | 13.9 | 121 |
| 107 | Angiotensin II Type 1 Receptor Antibodies and Increased Angiotensin II Sensitivity in Pregnant Rats. Hypertension, 2011, 58, 77-84. | 1.3 | 121 |
| 108 | Blood Pressureâ€“Independent Effects in Rats With Human Renin and Angiotensinogen Genes. Hypertension, 2000, 35, 587-594. | 1.3 | 120 |

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| 109 | Antiendothelial Cell Antibodies in Thromboangiitis Obliterans. American Journal of the Medical Sciences, 1998, 315, 17-23. | 0.4 | 120 |
| 110 | Complement Activation in Angiotensin Iiâ€“Induced Organ Damage. Circulation Research, 2005, 97, 716-724. | 2.0 | 118 |
| 111 | NB1 mediates surface expression of the ANCA antigen proteinase 3 on human neutrophils. Blood, 2007, 109, 4487-4493. | 0.6 | 116 |
| 112 | Water-Induced Thermogenesis. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 6015-6019. | 1.8 | 115 |
| 113 | Statins Attenuate Ischemia-Reperfusion Injury by Inducing Heme Oxygenase-1 in Infiltrating Macrophages. American Journal of Pathology, 2007, 170, 1192-1199. | 1.9 | 115 |
| 114 | Internal sodium balance in DOCA-salt rats: a body composition study. American Journal of Physiology - Renal Physiology, 2005, 289, F793-F802. | 1.3 | 114 |
| 115 | Increased salt consumption induces body water conservation and decreases fluid intake. Journal of Clinical Investigation, 2017, 127, 1932-1943. | 3.9 | 114 |
| 116 | Cytochrome P450-Dependent Eicosapentaenoic Acid Metabolites Are Novel BK Channel Activators. Hypertension, 2002, 39, 609-613. | 1.3 | 113 |
| 117 | Serum- and Glucocorticoid-Regulated Kinase (SGK1) Gene and Blood Pressure. Hypertension, 2002, 40, 256-260. | 1.3 | 113 |
| 118 | Direct Renin Inhibition with Aliskiren in Hypertension and Target Organ Damage. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 221-228. | 2.2 | 113 |
| 119 | Agonistic Angiotensin II Type 1 Receptor Autoantibodies in Postpartum Women With a History of Preeclampsia. Hypertension, 2007, 49, 612-617. | 1.3 | 113 |
| 120 | Neutrophil Serine Proteases Promote IL-1Î² Generation and Injury in Necrotizing Crescentic Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2012, 23, 470-482. | 3.0 | 113 |
| 121 | Prolonged cold preservation augments vascular injury independent of renal transplant immunogenicity and function. Kidney International, 2001, 60, 1173-1181. | 2.6 | 112 |
| 122 | Endothelial Dysfunction and Xanthine Oxidoreductase Activity in Rats With Human Renin and Angiotensinogen Genes. Hypertension, 2001, 37, 414-418. | 1.3 | 112 |
| 123 | Differential expression of protein kinase C isoforms in streptozotocin-induced diabetic rats. Kidney International, 1999, 56, 1737-1750. | 2.6 | 110 |
| 124 | Megalin Antagonizes Activation of the Parathyroid Hormone Receptor. Journal of Biological Chemistry, 1999, 274, 5620-5625. | 1.6 | 109 |
| 125 | Selective Norepinephrine Reuptake Inhibition as a Human Model of Orthostatic Intolerance. Circulation, 2002, 105, 347-353. | 1.6 | 109 |
| 126 | Influences of Normobaric Hypoxia Training on Metabolic Risk Markers in Human Subjects. Medicine and Science in Sports and Exercise, 2008, 40, 1939-1944. | 0.2 | 109 |

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|---|---|---|---|
| 127 | A misplaced lncRNA causes brachydactyly in humans. Journal of Clinical Investigation, 2012, 122, 3990-4002. | 3.9 | 108 |
| 128 | Sodium bicarbonate and sodium chloride: effects on blood pressure and electrolyte homeostasis in normal and hypertensive man. Journal of Hypertension, 1990, 8, 663-670. | 0.3 | 107 |
| 129 | Twins in Cardiovascular Genetic Research. Hypertension, 2001, 37, 350-356. | 1.3 | 107 |
| 130 | Dipeptidyl-Peptidase-IV Inhibition Augments Postprandial Lipid Mobilization and Oxidation in Type 2 Diabetic Patients. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 846-852. | 1.8 | 105 |
| 131 | Enzymuria in Gentamicin-Induced Kidney Damage. Antimicrobial Agents and Chemotherapy, 1975, 7, 364-369. | 1.4 | 104 |
| 132 | Î²-2 Adrenergic Receptor Gene Variations, Blood Pressure, and Heart Size in Normal Twins. Hypertension, 2000, 35, 555-560. | 1.3 | 104 |
| 133 | Nephrogenesis Is Induced by Partial Nephrectomy in the Elasmobranch Leucoraja erinacea. Journal of the American Society of Nephrology: JASN, 2003, 14, 1506-1518. | 3.0 | 104 |
| 134 | Inhibition of NF-ÎºB by a TAT-NEMOâ€“binding domain peptide accelerates constitutive apoptosis and abrogates LPS-delayed neutrophil apoptosis. Blood, 2003, 102, 2259-2267. | 0.6 | 104 |
| 135 | Influences of Normobaric Hypoxia Training on Physical Fitness and Metabolic Risk Markers in Overweight to Obese Subjects. Obesity, 2010, 18, 116-120. | 1.5 | 104 |
| 136 | Angiotensin II Induces Connective Tissue Growth Factor Gene Expression via Calcineurin-Dependent Pathways. American Journal of Pathology, 2003, 163, 355-366. | 1.9 | 103 |
| 137 | Regulation of the nitric oxide system in human adipose tissue. Journal of Lipid Research, 2004, 45, 1640-1648. | 2.0 | 103 |
| 138 | Hemodynamics and Salt-and-Water Balance Link Sodium Storage and Vascular Dysfunction in Salt-Sensitive Subjects. Hypertension, 2016, 68, 195-203. | 1.3 | 103 |
| 139 | Salt and cardiovascular disease: insufficient evidence to recommend low sodium intake. European Heart Journal, 2020, 41, 3363-3373. | 1.0 | 103 |
| 140 | Mobilization of osmotically inactive Na+ by growth and by dietary salt restriction in rats. American Journal of Physiology - Renal Physiology, 2007, 292, F1490-F1500. | 1.3 | 102 |
| 141 | Membrane proteinase 3 expression and ANCA-induced neutrophil activation. Kidney International, 2004, 65, 2172-2183. | 2.6 | 101 |
| 142 | Regulation of Calcium Sparks and Spontaneous Transient Outward Currents by RyR3 in Arterial Vascular Smooth Muscle Cells. Circulation Research, 2001, 89, 1051-1057. | 2.0 | 100 |
| 143 | Cardiovascular Regulation During Apnea in Elite Divers. Hypertension, 2009, 53, 719-724. | 1.3 | 99 |
| 144 | Local Angiotensin II Generation in the Rat Heart. Circulation Research, 1998, 82, 13-20. | 2.0 | 98 |

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|---|---|---|---|
| 145 | Molecular genetics of human hypertension. Journal of Hypertension, 1998, 16, 1871-1878. | 0.3 | 98 |
| 146 | A Peroxisome Proliferator-Activated Receptor-Î± Activator Induces Renal CYP2C23 Activity and Protects from Angiotensin II-Induced Renal Injury. American Journal of Pathology, 2004, 164, 521-532. | 1.9 | 98 |
| 147 | Critical Illness Myopathy and GLUT4. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 387-396. | 2.5 | 97 |
| 148 | Determination of Renal Arterial Stenosis Severity: Comparison of Pressure Gradient and Vessel Diameter. Radiology, 2001, 220, 751-756. | 3.6 | 96 |
| 149 | Renal disease and the development of hypertension in salt-sensitive Dahl rats. Kidney International, 1988, 33, 1119-1129. | 2.6 | 95 |
| 150 | Ischemia-reperfusion injury in renal transplantation is independent of the immunologic background. Kidney International, 2000, 58, 2166-2177. | 2.6 | 93 |
| 151 | Angiotensin II (AT1) Receptor Blockade Reduces Vascular Tissue Factor in Angiotensin II-Induced Cardiac Vasculopathy. American Journal of Pathology, 2000, 157, 111-122. | 1.9 | 93 |
| 152 | Aspirin inhibits NFâ€ºB and protects from angiotensin Iâ€induced organ damage. FASEB Journal, 2001, 15, 1822-1824. | 0.2 | 93 |
| 153 | A Cholesterol-Lowering Gene Maps to Chromosome 13q. American Journal of Human Genetics, 2000, 66, 157-166. | 2.6 | 91 |
| 154 | Localization of thiazide-sensitive Na+-Clâ^' cotransport and associated gene products in mouse DCT. American Journal of Physiology - Renal Physiology, 2001, 281, F1028-F1035. | 1.3 | 91 |
| 155 | ICAM-1 antisense oligodesoxynucleotides prevent reperfusion injury and enhance immediate graft function in renal transplantation. Kidney International, 1998, 54, 590-602. | 2.6 | 90 |
| 156 | Antiâ€“Endothelial Cell Antibodies in Takayasu Arteritis. Circulation, 1996, 94, 2396-2401. | 1.6 | 90 |
| 157 | Genetic Influences on Baroreflex Function in Normal Twins. Hypertension, 2001, 37, 907-910. | 1.3 | 89 |
| 158 | Haplotypes and SNPs in 13 lipid-relevant genes explain most of the genetic variance in high-density lipoprotein and low-density lipoprotein cholesterol. Human Molecular Genetics, 2004, 13, 993-1004. | 1.4 | 89 |
| 159 | Diabetic Hypertensive Leptin Receptorâ€“Deficient db/db Mice Develop Cardioregulatory Autonomic Dysfunction. Hypertension, 2009, 53, 387-392. | 1.3 | 88 |
| 160 | K <sup>+</sup> Currents in Human Coronary Artery Vascular Smooth Muscle Cells. Circulation Research, 1996, 78, 676-688. | 2.0 | 88 |
| 161 | The sympathetic nervous system in hypertension. Journal of Hypertension, 2003, 21, 1677-1686. | 0.3 | 87 |
| 162 | Prevalence of Agonistic Autoantibodies Against the Angiotensin II Type 1 Receptor and Soluble fms-Like Tyrosine Kinase 1 in a Gestational Ageâ€“Matched Case Study. Hypertension, 2009, 53, 393-398. | 1.3 | 87 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Autonomic nervous system and blood pressure regulation in RGS2-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1134-R1142. | 0.9 | 85 |
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