

Lilach O Lerman

List of Publications by Year in descending order

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Version: 2024-02-01

521
papers

30,125
citations

8755

75
h-index

7950

149
g-index

528
all docs

528
docs citations

528
times ranked

36384
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Human Obesity Attenuates Cardioprotection Conferred by Adipose Tissueâ€Derived Mesenchymal Stem/Stromal Cells. Journal of Cardiovascular Translational Research, 2023, 16, 221-232. | 2.4 | 3 |
| 2 | Circulating progenitor cells are associated with plaque progression and long-term outcomes in heart transplant patients. Cardiovascular Research, 2022, 118, 1703-1712. | 3.8 | 4 |
| 3 | Renal Revascularization Attenuates Myocardial Mitochondrial Damage and Improves Diastolic Function in Pigs with Metabolic Syndrome and Renovascular Hypertension. Journal of Cardiovascular Translational Research, 2022, 15, 15-26. | 2.4 | 6 |
| 4 | Senomorphic, senolytic, and rejuvenation therapies. , 2022, , 405-417. | | 0 |
| 5 | Carotid Plaques From Symptomatic Patients With Mild Stenosis Is Associated With Intraplaque Hemorrhage. Hypertension, 2022, 79, 271-282. | 2.7 | 10 |
| 6 | Muscle fat index is associated with frailty and length of hospital stay following transcatheter aortic valve replacement in high-risk patients. International Journal of Cardiology, 2022, 348, 33-38. | 1.7 | 4 |
| 7 | Internet-based platform for a low-calorie dietary intervention involving prepackaged food for weight loss in overweight and obese individuals in China: protocol for a randomised controlled trial. BMJ Open, 2022, 12, e048106. | 1.9 | 1 |
| 8 | Impact of invasive aortic pulse pressure on coronary microvascular endothelial-independent dysfunction and on mortality in non-obstructive coronary artery disease. Open Heart, 2022, 9, e001925. | 2.3 | 2 |
| 9 | IMPROvE-CED Trial: Intracoronary Autologous CD34+ Cell Therapy for Treatment of Coronary Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Arteries. Circulation Research, 2022, 130, 326-338. | 4.5 | 17 |
| 10 | With a Little Help From My Friends: the Role of the Renal Collateral Circulation in Atherosclerotic Renovascular Disease. Hypertension, 2022, 79, 717-725. | 2.7 | 2 |
| 11 | Emergent players in renovascular disease. Clinical Science, 2022, 136, 239-256. | 4.3 | 4 |
| 12 | Effects of obesity on reparative function of human adipose tissue-derived mesenchymal stem cells on ischemic murine kidneys. International Journal of Obesity, 2022, 46, 1222-1233. | 3.4 | 7 |
| 13 | Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenoticâ€kidney senescence and damage. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 550-558. | 2.7 | 5 |
| 14 | Noninvasive Voice Biomarker Is Associated With Incident Coronary Artery Disease Events at Follow-up. Mayo Clinic Proceedings, 2022, 97, 835-846. | 3.0 | 10 |
| 15 | Extracellular Vesicles as Theranostic Tools in Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 1418-1429. | 4.5 | 11 |
| 16 | Plasma Ceramide Levels Are Elevated in Patients With Early Coronary Atherosclerosis and Endothelial Dysfunction. Journal of the American Heart Association, 2022, 11, e022852. | 3.7 | 15 |
| 17 | Reliable Assessment of Swine Renal Fibrosis Using Quantitative Magnetization Transfer Imaging. Investigative Radiology, 2022, 57, 334-342. | 6.2 | 2 |
| 18 | Microvascular remodeling and altered angiogenic signaling in human kidneys distal to occlusive atherosclerotic renal artery stenosis. Nephrology Dialysis Transplantation, 2022, 37, 1844-1856. | 0.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Mental Stress and Its Effects on Vascular Health. Mayo Clinic Proceedings, 2022, 97, 951-990. | 3.0 | 37 |
| 20 | Renal Ischemia Induces Epigenetic Changes in Apoptotic, Proteolytic, and Mitochondrial Genes in Swine Scattered Tubular-like Cells. Cells, 2022, 11, 1803. | 4.1 | 5 |
| 21 | Uric Acid Expression in Carotid Atherosclerotic Plaque and Serum Uric Acid Are Associated With Cerebrovascular Events. Hypertension, 2022, 79, 1814-1823. | 2.7 | 19 |
| 22 | Coronary microvascular dysfunction is associated with exertional haemodynamic abnormalities in patients with heart failure with preserved ejection fraction. European Journal of Heart Failure, 2021, 23, 765-772. | 7.1 | 48 |
| 23 | Global epigenetic alterations of mesenchymal stem cells in obesity: the role of vitamin C reprogramming. Epigenetics, 2021, 16, 705-717. | 2.7 | 14 |
| 24 | Percutaneous transluminal renal angioplasty attenuates poststenotic kidney mitochondrial damage in pigs with renal artery stenosis and metabolic syndrome. Journal of Cellular Physiology, 2021, 236, 4036-4049. | 4.1 | 4 |
| 25 | Role of symmetric dimethylarginine in predicting future renal impairment in liver transplant recipients. Transplant International, 2021, 34, 207-208. | 1.6 | 0 |
| 26 | Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. Journal of Cellular Physiology, 2021, 236, 1332-1344. | 4.1 | 25 |
| 27 | Clinical decision-making: Challenging traditional assumptions. International Journal of Cardiology, 2021, 326, 6-11. | 1.7 | 3 |
| 28 | Quantitative Magnetization Transfer Detects Renal Fibrosis in Murine Kidneys With Renal Artery Stenosis. Journal of Magnetic Resonance Imaging, 2021, 53, 884-893. | 3.4 | 7 |
| 29 | Increasing utility of Google Trends in monitoring cardiovascular disease. Digital Health, 2021, 7, 205520762110334. | 1.8 | 7 |
| 30 | Sex-specific differences in coronary blood flow and flow velocity reserve in symptomatic patients with non-obstructive disease. EuroIntervention, 2021, 16, 1079-1084. | 3.2 | 7 |
| 31 | Connecting Generations of Scientists in the Council on Hypertension Through Harriet Dustan. Hypertension, 2021, 77, 296-307. | 2.7 | 0 |
| 32 | Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECG-Derived Physiological Aging. Journal of the American Heart Association, 2021, 10, e018656. | 3.7 | 25 |
| 33 | Renovascular Disease Induces Senescence in Renal Scattered Tubular-Like Cells and Impairs Their Reparative Potency. Hypertension, 2021, 77, 507-518. | 2.7 | 13 |
| 34 | Sustained Improvement in Diastolic Reserve Following Percutaneous Pericardiotomy in a Porcine Model of Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2021, 14, e007530. | 3.9 | 7 |
| 35 | Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11. | 4.0 | 27 |
| 36 | Compositional change of gut microbiome and osteocalcin expressing endothelial progenitor cells in patients with coronary artery disease. PLoS ONE, 2021, 16, e0249187. | 2.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Comparable in vitro Function of Human Liver-Derived and Adipose Tissue-Derived Mesenchymal Stromal Cells: Implications for Cell-Based Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641792. | 3.7 | 9 |
| 38 | Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles Elicit Better Preservation of the Intra-Renal Microvasculature Than Renal Revascularization in Pigs with Renovascular Disease. <i>Cells</i> , 2021, 10, 763. | 4.1 | 8 |
| 39 | Mesenchymal stem cells protect renal tubular cells via TSG-6 regulating macrophage function and phenotype switching. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F454-F463. | 2.7 | 22 |
| 40 | Hypoxic preconditioning induces epigenetic changes and modifies swine mesenchymal stem cell angiogenesis and senescence in experimental atherosclerotic renal artery stenosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 240. | 5.5 | 22 |
| 41 | Diabetic Kidney Disease Alters the Transcriptome and Function of Human Adipose-Derived Mesenchymal Stromal Cells but Maintains Immunomodulatory and Paracrine Activities Important for Renal Repair. <i>Diabetes</i> , 2021, 70, 1561-1574. | 0.6 | 12 |
| 42 | Predictive value of vascular response to cuff inflationâ€œinduced pain in the control arm for adverse cardiovascular events. <i>IJC Heart and Vasculature</i> , 2021, 33, 100728. | 1.1 | 0 |
| 43 | Basic principles and new advances in kidney imaging. <i>Kidney International</i> , 2021, 100, 1001-1011. | 5.2 | 25 |
| 44 | The Micro-RNA Cargo of Extracellular Vesicles Released by Human Adipose Tissue-Derived Mesenchymal Stem Cells Is Modified by Obesity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660851. | 3.7 | 21 |
| 45 | A Systematic Review and Meta-Analysis of Cell-Based Interventions in Experimental Diabetic Kidney Disease. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1304-1319. | 3.3 | 17 |
| 46 | Atrial Fibrillation and Endothelial Dysfunction. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1609-1621. | 3.0 | 29 |
| 47 | Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. <i>Journal of the American Heart Association</i> , 2021, 10, e020464. | 3.7 | 19 |
| 48 | Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1987-2004. | 6.1 | 42 |
| 49 | Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. <i>Childhood Obesity</i> , 2021, 17, 311-321. | 1.5 | 11 |
| 50 | Metabolic Syndrome Is Associated With Altered mRNA and miRNA Content in Human Circulating Extracellular Vesicles. <i>Frontiers in Endocrinology</i> , 2021, 12, 687586. | 3.5 | 4 |
| 51 | Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009947. | 4.8 | 4 |
| 52 | Differentially Expressed Functional LncRNAs in Human Subjects With Metabolic Syndrome Reflect a Competing Endogenous RNA Network in Circulating Extracellular Vesicles. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 667056. | 3.5 | 4 |
| 53 | Critical roles of cytokine storm and secondary bacterial infection in acute kidney injury development in COVIDâ€œ19: A multiâ€œcenter retrospective cohort study. <i>Journal of Medical Virology</i> , 2021, 93, 6641-6652. | 5.0 | 17 |
| 54 | Mesenchymal Stem/Stromal Cellâ€œDerived Extracellular Vesicles for Chronic Kidney Disease: Are We There Yet?. <i>Hypertension</i> , 2021, 78, 261-269. | 2.7 | 18 |

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|----|---|-----|-----------|
| 55 | The endothelium is a key player in the vascular response to acute mental stress. European Heart Journal, 2021, 42, 4089-4091. | 2.2 | 10 |
| 56 | Stem Cells to the Rescue: Development and Application of Cell-Based Therapy for Microvascular Repair. Cells, 2021, 10, 2144. | 4.1 | 0 |
| 57 | Viral Endothelial Dysfunction: A Unifying Mechanism for COVID-19. Mayo Clinic Proceedings, 2021, 96, 3099-3108. | 3.0 | 24 |
| 58 | Impaired immunomodulatory capacity in adipose tissue-derived mesenchymal stem/stromal cells isolated from obese patients. Journal of Cellular and Molecular Medicine, 2021, 25, 9051-9059. | 3.6 | 17 |
| 59 | Carotid Plaques From Symptomatic Patients Are Characterized by Local Increase in Xanthine Oxidase Expression. Stroke, 2021, 52, 2792-2801. | 2.0 | 17 |
| 60 | Anxiety Disorders Are Associated With Coronary Endothelial Dysfunction in Women With Chest Pain and Nonobstructive Coronary Artery Disease. Journal of the American Heart Association, 2021, 10, e021722. | 3.7 | 15 |
| 61 | Peripheral microvascular dysfunction is associated with plaque progression and adverse long-term outcomes in heart transplant patients. ESC Heart Failure, 2021, 8, 5266-5274. | 3.1 | 5 |
| 62 | Prognostic impact and clinical outcomes of coronary flow reserve and hyperaemic microvascular resistance. EuroIntervention, 2021, 17, 569-575. | 3.2 | 12 |
| 63 | Cell-based regenerative medicine for renovascular disease. Trends in Molecular Medicine, 2021, 27, 882-894. | 6.7 | 8 |
| 64 | Endovascular reversal of renovascular hypertension blunts cardiac dysfunction and deformation in swine. Journal of Hypertension, 2021, 39, 556-562. | 0.5 | 2 |
| 65 | Renovascular Hypertension Induces Myocardial Mitochondrial Damage, Contributing to Cardiac Injury and Dysfunction in Pigs With Metabolic Syndrome. American Journal of Hypertension, 2021, 34, 172-182. | 2.0 | 8 |
| 66 | Magnetization Transfer Imaging Predicts Porcine Kidney Recovery After Revascularization of Renal Artery Stenosis. Investigative Radiology, 2021, 56, 86-93. | 6.2 | 9 |
| 67 | Renal Cellular Autophagy in Obesity: Boon or Bane?. Seminars in Nephrology, 2021, 41, 349-357. | 1.6 | 2 |
| 68 | Superimposition of metabolic syndrome magnifies post-stenotic kidney injury in dyslipidemic pigs. American Journal of Translational Research (discontinued), 2021, 13, 8965-8976. | 0.0 | 0 |
| 69 | Abstract 10441: Sex-Specific Decline in Coronary Flow Reserve with Aging. Circulation, 2021, 144, . | 1.6 | 0 |
| 70 | Comparison of high glomerular filtration rate thresholds for identifying hyperfiltration. Nephrology Dialysis Transplantation, 2020, 35, 1017-1026. | 0.7 | 14 |
| 71 | Assessment of peripheral endothelial function predicts future risk of solid-tumor cancer. European Journal of Preventive Cardiology, 2020, 27, 608-618. | 1.8 | 44 |
| 72 | Approach to the Patient with Chronic Kidney Disease and Renovascular Disease. , 2020, , 753-770. | | 0 |

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|----|---|------|-----------|
| 73 | Non-infarct related artery microvascular obstruction is associated with worse persistent diastolic dysfunction in patients with revascularized ST elevation myocardial infarction. International Journal of Cardiology, 2020, 300, 27-33. | 1.7 | 7 |
| 74 | Consensus-based technical recommendations for clinical translation of renal BOLD MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 199-215. | 2.0 | 68 |
| 75 | In a Phase 1a escalating clinical trial, autologous mesenchymal stem cell infusion for renovascular disease increases blood flow and the glomerular filtration rate while reducing inflammatory biomarkers and blood pressure. Kidney International, 2020, 97, 793-804. | 5.2 | 42 |
| 76 | Coronary Microvascular Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Artery Disease Is Associated With Elevated Serum Homocysteine Levels. Journal of the American Heart Association, 2020, 9, e017746. | 3.7 | 25 |
| 77 | Secondary Raynaud's phenomenon is associated with microvascular peripheral endothelial dysfunction. Microvascular Research, 2020, 132, 104040. | 2.5 | 7 |
| 78 | Renal fibrosis detected by diffusion-weighted magnetic resonance imaging remains unchanged despite treatment in subjects with renovascular disease. Scientific Reports, 2020, 10, 16300. | 3.3 | 6 |
| 79 | Mesenchymal Stem/Stromal Cells and their Extracellular Vesicle Progeny Decrease Injury in Poststenotic Swine Kidney Through Different Mechanisms. Stem Cells and Development, 2020, 29, 1190-1200. | 2.1 | 30 |
| 80 | Abnormal Endothelial Gene Expression Associated With Early Coronary Atherosclerosis. Journal of the American Heart Association, 2020, 9, e016134. | 3.7 | 21 |
| 81 | Peripheral endothelial dysfunction is a novel risk factor for systolic dysfunction and heart failure progression. IJC Heart and Vasculature, 2020, 30, 100584. | 1.1 | 4 |
| 82 | Metabolic syndrome increases senescence-associated micro-RNAs in extracellular vesicles derived from swine and human mesenchymal stem/stromal cells. Cell Communication and Signaling, 2020, 18, 124. | 6.5 | 27 |
| 83 | Cellular Senescence. Hypertension, 2020, 76, 1069-1075. | 2.7 | 29 |
| 84 | Augmented efficacy of exogenous extracellular vesicles targeted to injured kidneys. Signal Transduction and Targeted Therapy, 2020, 5, 199. | 17.1 | 9 |
| 85 | Larger Nephron Size and Nephrosclerosis Predict Progressive CKD and Mortality after Radical Nephrectomy for Tumor and Independent of Kidney Function. Journal of the American Society of Nephrology: JASN, 2020, 31, 2642-2652. | 6.1 | 30 |
| 86 | Metabolic Syndrome Alters the Cargo of Mitochondria-Related microRNAs in Swine Mesenchymal Stem Cell-Derived Extracellular Vesicles, Impairing Their Capacity to Repair the Stenotic Kidney. Stem Cells International, 2020, 2020, 1-15. | 2.5 | 11 |
| 87 | It Comes As a Shock. Hypertension, 2020, 76, 1696-1703. | 2.7 | 7 |
| 88 | P0144LOW-ENERGY SHOCKWAVE TREATMENT PROMOTES ENDOTHELIAL PROGENITOR CELL HOMING TO THE STENOTIC PIG KIDNEY. Nephrology Dialysis Transplantation, 2020, 35, . | 0.7 | 0 |
| 89 | P0145MESENCHYMAL STEM CELLS PROTECT RENAL TUBULAR CELLS VIA TSG-6 REGULATED MACROPHAGE FUNCTION AND PHENOTYPE SWITCHING. Nephrology Dialysis Transplantation, 2020, 35, . | 0.7 | 0 |
| 90 | Accumulation of Pericardial Fat Is Associated With Alterations in Heart Rate Variability Patterns in Hypercholesterolemic Pigs. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007614. | 4.8 | 9 |

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|-----|---|-----|-----------|
| 91 | Coronary perivascular epicardial adipose tissue and major adverse cardiovascular events after ST segment-elevation myocardial infarction. <i>Atherosclerosis</i> , 2020, 302, 27-35. | 0.8 | 7 |
| 92 | Adjunctive mesenchymal stem/stromal cells augment microvascular function in poststenotic kidneys treated with low-energy shockwave therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 9806-9818. | 4.1 | 10 |
| 93 | Urinary Extracellular Vesicles as Biomarkers of Kidney Disease: From Diagnostics to Therapeutics. <i>Diagnostics</i> , 2020, 10, 311. | 2.6 | 26 |
| 94 | Renal ischemia alters expression of mitochondria-related genes and impairs mitochondrial structure and function in swine scattered tubular-like cells. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F19-F28. | 2.7 | 13 |
| 95 | Peristenotic Collateral Circulation in Atherosclerotic Renovascular Disease. <i>Hypertension</i> , 2020, 76, 497-505. | 2.7 | 2 |
| 96 | Metabolic Syndrome Impairs 3D Mitochondrial Structure, Dynamics, and Function in Swine Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 933-945. | 3.8 | 7 |
| 97 | Experimental Renovascular Disease Induces Endothelial Cell Mitochondrial Damage and Impairs Endothelium-Dependent Relaxation of Renal Artery Segments. <i>American Journal of Hypertension</i> , 2020, 33, 765-774. | 2.0 | 5 |
| 98 | Oxidative Stress and Mitochondrial Abnormalities Contribute to Decreased Endothelial Nitric Oxide Synthase Expression and Renal Disease Progression in Early Experimental Polycystic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1994. | 4.1 | 26 |
| 99 | Transplanted senescent renal scattered tubular-like cells induce injury in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1167-F1176. | 2.7 | 27 |
| 100 | Mesenchymal Stem Cell-Derived Extracellular Vesicles Induce Regulatory T Cells to Ameliorate Chronic Kidney Injury. <i>Hypertension</i> , 2020, 75, 1223-1232. | 2.7 | 40 |
| 101 | Coronary microcirculation and hypertensive heart failure. <i>European Heart Journal</i> , 2020, 41, 2376-2378. | 2.2 | 8 |
| 102 | Extracellular vesicles released by adipose tissue-derived mesenchymal stromal/stem cells from obese pigs fail to repair the injured kidney. <i>Stem Cell Research</i> , 2020, 47, 101877. | 0.7 | 25 |
| 103 | Promise of autologous CD34+ stem/progenitor cell therapy for treatment of cardiovascular disease. <i>Cardiovascular Research</i> , 2020, 116, 1424-1433. | 3.8 | 34 |
| 104 | Endothelin-1 in coronary microvascular dysfunction: a potential new therapeutic target once again. <i>European Heart Journal</i> , 2020, 41, 3252-3254. | 2.2 | 12 |
| 105 | The effect of polyphenol-rich chardonnay seed supplements on peripheral endothelial function. <i>European Journal of Nutrition</i> , 2020, 59, 3723-3734. | 3.9 | 8 |
| 106 | Phenotypic, Transcriptional, and Functional Analysis of Liver Mesenchymal Stromal Cells and Their Immunomodulatory Properties. <i>Liver Transplantation</i> , 2020, 26, 549-563. | 2.4 | 9 |
| 107 | Coronary artery disease is associated with an altered gut microbiome composition. <i>PLoS ONE</i> , 2020, 15, e0227147. | 2.5 | 70 |
| 108 | Selective intrarenal delivery of mesenchymal stem cell-derived extracellular vesicles attenuates myocardial injury in experimental metabolic renovascular disease. <i>Basic Research in Cardiology</i> , 2020, 115, 16. | 5.9 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Elevated plasma homocysteine levels are associated with impaired peripheral microvascular vasomotor response. <i>IJC Heart and Vasculature</i> , 2020, 28, 100515. | 1.1 | 10 |
| 110 | Incremental Prognostic Impact of Peripheral Microvascular Endothelial Dysfunction on the Development of Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2020, 9, e015703. | 3.7 | 18 |
| 111 | Upregulated tumor necrosis factor- α transcriptome and proteome in adipose tissue-derived mesenchymal stem cells from pigs with metabolic syndrome. <i>Cytokine</i> , 2020, 130, 155080. | 3.2 | 14 |
| 112 | A Digital Health Weight Loss Program in 250,000 Individuals. <i>Journal of Obesity</i> , 2020, 2020, 1-8. | 2.7 | 12 |
| 113 | Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e014850. | 3.7 | 32 |
| 114 | Non-invasive vocal biomarker is associated with pulmonary hypertension. <i>PLoS ONE</i> , 2020, 15, e0231441. | 2.5 | 26 |
| 115 | Low-Energy Shockwave Treatment Promotes Endothelial Progenitor Cell Homing to the Stenotic Pig Kidney. <i>Cell Transplantation</i> , 2020, 29, 096368972091734. | 2.5 | 9 |
| 116 | Human Obesity Induces Dysfunction and Early Senescence in Adipose Tissue-Derived Mesenchymal Stromal/Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 197. | 3.7 | 79 |
| 117 | Potential role of extracellular vesicles in the pathophysiology of glomerular diseases. <i>Clinical Science</i> , 2020, 134, 2741-2754. | 4.3 | 6 |
| 118 | Dose-Response Effect of a Digital Health Intervention During Cardiac Rehabilitation: Subanalysis of Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2020, 22, e13055. | 4.3 | 7 |
| 119 | General Public's Information-Seeking Patterns of Topics Related to Obesity: Google Trends Analysis. <i>JMIR Public Health and Surveillance</i> , 2020, 6, e20923. | 2.6 | 9 |
| 120 | Association of coronary microvascular endothelial dysfunction with vulnerable plaque characteristics in early coronary atherosclerosis. <i>EuroIntervention</i> , 2020, 16, 387-394. | 3.2 | 25 |
| 121 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |
| 122 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |
| 123 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |
| 124 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |
| 125 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |
| 126 | Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441. | | 0 |

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|-----|---|-----|-----------|
| 127 | Senescent Kidney Cells in Hypertensive Patients Release Urinary Extracellular Vesicles. Journal of the American Heart Association, 2019, 8, e012584. | 3.7 | 31 |
| 128 | A modified two-compartment model for measurement of renal function using dynamic contrast-enhanced computed tomography. PLoS ONE, 2019, 14, e0219605. | 2.5 | 13 |
| 129 | <p>Metabolic syndrome is associated with peripheral endothelial dysfunction amongst men</p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 1035-1045. | 2.4 | 13 |
| 130 | Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. Translational Research, 2019, 213, 112-123. | 5.0 | 78 |
| 131 | Endothelial Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1272-1274. | 2.4 | 23 |
| 132 | Metabolic Syndrome Induces Release of Smaller Extracellular Vesicles from Porcine Mesenchymal Stem Cells. Cell Transplantation, 2019, 28, 1271-1278. | 2.5 | 20 |
| 133 | Glomerular Volume and Glomerulosclerosis at Different Depths within the Human Kidney. Journal of the American Society of Nephrology: JASN, 2019, 30, 1471-1480. | 6.1 | 39 |
| 134 | Renal Artery Stenosis Alters Gene Expression in Swine Scattered Tubular-Like Cells. International Journal of Molecular Sciences, 2019, 20, 5069. | 4.1 | 9 |
| 135 | Stem cell-derived extracellular vesicles for renal repair: do cardiovascular comorbidities matter?. American Journal of Physiology - Renal Physiology, 2019, 317, F1414-F1419. | 2.7 | 5 |
| 136 | Prediction of Chronic Kidney Disease Progression by Magnetic Resonance Imaging: Where Are We?. American Journal of Nephrology, 2019, 49, 111-113. | 3.1 | 7 |
| 137 | Renovascular disease induces mitochondrial damage in swine scattered tubular cells. American Journal of Physiology - Renal Physiology, 2019, 317, F1142-F1153. | 2.7 | 18 |
| 138 | Measurement of murine kidney functional biomarkers using DCE-MRI: A multi-slice TRICKS technique and semi-automated image processing algorithm. Magnetic Resonance Imaging, 2019, 63, 226-234. | 1.8 | 11 |
| 139 | Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. Biology of Sex Differences, 2019, 10, 49. | 4.1 | 49 |
| 140 | Senolytics decrease senescent cells in humans: Preliminary report from a clinical trial of Dasatinib plus Quercetin in individuals with diabetic kidney disease. EBioMedicine, 2019, 47, 446-456. | 6.1 | 697 |
| 141 | Elevated serum uric acid is associated with peripheral endothelial dysfunction in women. Atherosclerosis, 2019, 290, 37-43. | 0.8 | 21 |
| 142 | Metabolic Syndrome Interferes with Packaging of Proteins within Porcine Mesenchymal Stem Cellâ€Derived Extracellular Vesicles. Stem Cells Translational Medicine, 2019, 8, 430-440. | 3.3 | 24 |
| 143 | Impact of Serum Uric Acid Levels on Outcomes following Renal Artery Revascularization in Patients with Renovascular Disease. International Journal of Hypertension, 2019, 2019, 1-7. | 1.3 | 3 |
| 144 | Renal Adiposity Does not Preclude Quantitative Assessment of Renal Function Using Dual-Energy Multidetector CT in Mildly Obese Human Subjects. Academic Radiology, 2019, 26, 1488-1494. | 2.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Noninvasive assessment of renal fibrosis by magnetic resonance imaging and ultrasound techniques. Translational Research, 2019, 209, 105-120. | 5.0 | 56 |
| 146 | Early podocyte injury and elevated levels of urinary podocyte-derived extracellular vesicles in swine with metabolic syndrome: role of podocyte mitochondria. American Journal of Physiology - Renal Physiology, 2019, 317, F12-F22. | 2.7 | 23 |
| 147 | Coronary microvascular dysfunction is associated with poor glycemic control amongst female diabetics with chest pain and non-obstructive coronary artery disease. Cardiovascular Diabetology, 2019, 18, 22. | 6.8 | 41 |
| 148 | Tissue hypoxia, inflammation, and loss of glomerular filtration rate in human atherosclerotic renovascular disease. Kidney International, 2019, 95, 948-957. | 5.2 | 29 |
| 149 | Animal Models of Hypertension: A Scientific Statement From the American Heart Association. Hypertension, 2019, 73, e87-e120. | 2.7 | 177 |
| 150 | Coronary endothelial function testing may improve long-term quality of life in subjects with microvascular coronary endothelial dysfunction. Open Heart, 2019, 6, e000870. | 2.3 | 12 |
| 151 | Alterations in genetic and protein content of swine adipose tissue-derived mesenchymal stem cells in the metabolic syndrome. Stem Cell Research, 2019, 37, 101423. | 0.7 | 17 |
| 152 | Circulating Osteogenic Progenitor Cells in Mild, Moderate, and Severe Aortic Valve Stenosis. Mayo Clinic Proceedings, 2019, 94, 652-659. | 3.0 | 8 |
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