Lilach O Lerman

List of Publications by Year in Descending Order

489 papers	23,294 citations	68 h-index	133 g-index
528 ext. papers	27,007 ext. citations	6.5 avg, IF	6.94 L-index

#	Paper	IF	Citations
489	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	3	0
488	With a Little Help From My Friends: the Role of the Renal Collateral Circulation in Atherosclerotic Renovascular Disease.. *Hypertension*, **2022**, HYPERTENSIONAHA12117960	8.5	
487	Emergent players in renovascular disease.. *Clinical Science*, **2022**, 136, 239-256	6.5	1
486	Carotid Plaques From Symptomatic Patients With Mild Stenosis Is Associated With Intraplaque Hemorrhage. *Hypertension*, **2022**, 79, 271-282	8.5	1
485	Senomorphic, senolytic, and rejuvenation therapies **2022**, 405-417		
484	Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenotic-kidney senescence and damage.. *Journal of Tissue Engineering and Regenerative Medicine*, **2022**,	4.4	1
483	Noninvasive Voice Biomarker Is Associated With Incident Coronary Artery Disease Events at Follow-up.. *Mayo Clinic Proceedings*, **2022**,	6.4	2
482	Plasma Ceramide Levels Are Elevated in Patients With Early Coronary Atherosclerosis and Endothelial Dysfunction.. *Journal of the American Heart Association*, **2022**, e022852	6	0
481	Mental Stress and Its Effects on Vascular Health.. *Mayo Clinic Proceedings*, **2022**, 97, 951-990	6.4	2
480	Renal Ischemia Induces Epigenetic Changes in Apoptotic, Proteolytic, and Mitochondrial Genes in Swine Scattered Tubular-like Cells. *Cells*, **2022**, 11, 1803	7.9	0
479	Superimposition of metabolic syndrome magnifies post-stenotic kidney injury in dyslipidemic pigs. *American Journal of Translational Research (discontinued)*, **2021**, 13, 8965-8976	3	
478	Renal Cellular Autophagy in Obesity: Boon or Bane?. *Seminars in Nephrology*, **2021**, 41, 349-357	4.8	0
477	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	2.3	2
476	Magnetization Transfer Imaging Predicts Porcine Kidney Recovery After Revascularization of Renal Artery Stenosis. *Investigative Radiology*, **2021**, 56, 86-93	10.1	5
475	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	12.3	22
474	Global epigenetic alterations of mesenchymal stem cells in obesity: the role of vitamin C reprogramming. *Epigenetics*, **2021**, 16, 705-717	5.7	6
473	Compositional change of gut microbiome and osteocalcin expressing endothelial progenitor cells in patients with coronary artery disease. *PLoS ONE*, **2021**, 16, e0249187	3.7	4

472	Comparable Function of Human Liver-Derived and Adipose Tissue-Derived Mesenchymal Stromal Cells: Implications for Cell-Based Therapy. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 641792	5.7	1
471	Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles Elicit Better Preservation of the Intra-Renal Microvasculature Than Renal Revascularization in Pigs with Renovascular Disease. *Cells*, **2021**, 10,	7.9	2
470	Mesenchymal stem cells protect renal tubular cells via TSG-6 regulating macrophage function and phenotype switching. *American Journal of Physiology - Renal Physiology*, **2021**, 320, F454-F463	4.3	4
469	Hypoxic preconditioning induces epigenetic changes and modifies swine mesenchymal stem cell angiogenesis and senescence in experimental atherosclerotic renal artery stenosis. *Stem Cell Research and Therapy*, **2021**, 12, 240	8.3	5
468	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. *Diabetes*, **2021**, 70, 1561-1574	0.9	5
467	Predictive value of vascular response to cuff inflation-induced pain in the control arm for adverse cardiovascular events. *IJC Heart and Vasculature*, **2021**, 33, 100728	2.4	
466	Basic principles and new advances in kidney imaging. *Kidney International*, **2021**, 100, 1001-1011	9.9	5
465	The Micro-RNA Cargo of Extracellular Vesicles Released by Human Adipose Tissue-Derived Mesenchymal Stem Cells Is Modified by Obesity. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 660851	5.7	2
464	A systematic review and meta-analysis of cell-based interventions in experimental diabetic kidney disease. *Stem Cells Translational Medicine*, **2021**, 10, 1304-1319	6.9	4
463	Atrial Fibrillation and Endothelial Dysfunction: A Potential Link?. *Mayo Clinic Proceedings*, **2021**, 96, 1609-1621	6.4	4
462	Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. *Journal of the American Heart Association*, **2021**, 10, e020464	6	3
461	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 1987-2004	12.7	6
460	Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. *Childhood Obesity*, **2021**, 17, 311-321	2.5	0
459	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	7	3
458	Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. *Journal of Cellular Physiology*, **2021**, 236, 1332-1344	7	11
457	Clinical decision-making: Challenging traditional assumptions. *International Journal of Cardiology*, **2021**, 326, 6-11	3.2	0
456	Increasing utility of Google Trends in monitoring cardiovascular disease. *Digital Health*, **2021**, 7, 2055207621103420	4	1
455	Sex-specific differences in coronary blood flow and flow velocity reserve in symptomatic patients with non-obstructive disease. *EuroIntervention*, **2021**, 16, 1079-1084	3.1	4

454	Connecting Generations of Scientists in the Council on Hypertension Through Harriet Dustan. *Hypertension*, **2021**, 77, 296-307	8.5	
453	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECG-Derived Physiological Aging. *Journal of the American Heart Association*, **2021**, 10, e018656	6	7
452	Renovascular Disease Induces Senescence in Renal Scattered Tubular-Like Cells and Impairs Their Reparative Potency. *Hypertension*, **2021**, 77, 507-518	8.5	4
451	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	7.6	0
450	Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 8875729	6.7	4
449	Renal Revascularization Attenuates Myocardial Mitochondrial Damage and Improves Diastolic Function in Pigs with Metabolic Syndrome and Renovascular Hypertension. *Journal of Cardiovascular Translational Research*, **2021**, 1	3.3	0
448	Metabolic Syndrome Is Associated With Altered mRNA and miRNA Content in Human Circulating Extracellular Vesicles. *Frontiers in Endocrinology*, **2021**, 12, 687586	5.7	1
447	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e009947	6.4	0
446	Differentially Expressed Functional LncRNAs in Human Subjects With Metabolic Syndrome Reflect a Competing Endogenous RNA Network in Circulating Extracellular Vesicles. *Frontiers in Molecular Biosciences*, **2021**, 8, 667056	5.6	1
445	Critical roles of cytokine storm and secondary bacterial infection in acute kidney injury development in COVID-19: A multi-center retrospective cohort study. *Journal of Medical Virology*, **2021**, 93, 6641-6652	19.7	3
444	Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles for Chronic Kidney Disease: Are We There Yet?. *Hypertension*, **2021**, 78, 261-269	8.5	6
443	Viral Endothelial Dysfunction: A Unifying Mechanism for COVID-19. *Mayo Clinic Proceedings*, **2021**, 96, 3099-3108	6.4	4
442	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	5.6	2
441	Carotid Plaques From Symptomatic Patients Are Characterized by Local Increase in Xanthine Oxidase Expression. *Stroke*, **2021**, 52, 2792-2801	6.7	4
440	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	6	1
439	Peripheral microvascular dysfunction is associated with plaque progression and adverse long-term outcomes in heart transplant patients. *ESC Heart Failure*, **2021**,	3.7	1
438	Prognostic impact and clinical outcomes of coronary flow reserve and hyperaemic microvascular resistance. *EuroIntervention*, **2021**, 17, 569-575	3.1	4
437	Cell-based regenerative medicine for renovascular disease. *Trends in Molecular Medicine*, **2021**, 27, 882-894	11.5	3

436	Endovascular reversal of renovascular hypertension blunts cardiac dysfunction and deformation in swine. *Journal of Hypertension*, **2021**, 39, 556-562	1.9	0
435	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, 8845635	5	7
434	It Comes As a Shock: Kidney Repair Using Shockwave Therapy. *Hypertension*, **2020**, 76, 1696-1703	8.5	4
433	Accumulation of Pericardial Fat Is Associated With Alterations in Heart Rate Variability Patterns in Hypercholesterolemic Pigs. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e007614	6.4	5
432	Coronary perivascular epicardial adipose tissue and major adverse cardiovascular events after ST segment-elevation myocardial infarction. *Atherosclerosis*, **2020**, 302, 27-35	3.1	4
431	Adjunctive mesenchymal stem/stromal cells augment microvascular function in poststenotic kidneys treated with low-energy shockwave therapy. *Journal of Cellular Physiology*, **2020**, 235, 9806-9818	7	5
430	Urinary Extracellular Vesicles as Biomarkers of Kidney Disease: From Diagnostics to Therapeutics. *Diagnostics*, **2020**, 10,	3.8	12
429	Renal ischemia alters expression of mitochondria-related genes and impairs mitochondrial structure and function in swine scattered tubular-like cells. *American Journal of Physiology - Renal Physiology*, **2020**, 319, F19-F28	4.3	8
428	Peristenotic Collateral Circulation in Atherosclerotic Renovascular Disease: Association With Kidney Function and Response to Treatment. *Hypertension*, **2020**, 76, 497-505	8.5	1
427	Metabolic Syndrome Impairs 3D Mitochondrial Structure, Dynamics, and Function in Swine Mesenchymal Stem Cells. *Stem Cell Reviews and Reports*, **2020**, 16, 933-945	7.3	4
426	Experimental Renovascular Disease Induces Endothelial Cell Mitochondrial Damage and Impairs Endothelium-Dependent Relaxation of Renal Artery Segments. *American Journal of Hypertension*, **2020**, 33, 765-774	2.3	3
425	Oxidative Stress and Mitochondrial Abnormalities Contribute to Decreased Endothelial Nitric Oxide Synthase Expression and Renal Disease Progression in Early Experimental Polycystic Kidney Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	12
424	Transplanted senescent renal scattered tubular-like cells induce injury in the mouse kidney. *American Journal of Physiology - Renal Physiology*, **2020**, 318, F1167-F1176	4.3	15
423	Mesenchymal Stem Cell-Derived Extracellular Vesicles Induce Regulatory T Cells to Ameliorate Chronic Kidney Injury. *Hypertension*, **2020**, 75, 1223-1232	8.5	24
422	Extracellular vesicles released by adipose tissue-derived mesenchymal stromal/stem cells from obese pigs fail to repair the injured kidney. *Stem Cell Research*, **2020**, 47, 101877	1.6	15
421	Promise of autologous CD34+ stem/progenitor cell therapy for treatment of cardiovascular disease. *Cardiovascular Research*, **2020**, 116, 1424-1433	9.9	16
420	The effect of polyphenol-rich chardonnay seed supplements on peripheral endothelial function. *European Journal of Nutrition*, **2020**, 59, 3723-3734	5.2	3
419	Phenotypic, Transcriptional, and Functional Analysis of Liver Mesenchymal Stromal Cells and Their Immunomodulatory Properties. *Liver Transplantation*, **2020**, 26, 549-563	4.5	5

418	Coronary artery disease is associated with an altered gut microbiome composition. *PLoS ONE*, **2020**, 15, e0227147	3.7	28
417	Selective intrarenal delivery of mesenchymal stem cell-derived extracellular vesicles attenuates myocardial injury in experimental metabolic renovascular disease. *Basic Research in Cardiology*, **2020**, 115, 16	11.8	28
416	Elevated plasma homocysteine levels are associated with impaired peripheral microvascular vasomotor response. *IJC Heart and Vasculature*, **2020**, 28, 100515	2.4	8
415	Incremental Prognostic Impact of Peripheral Microvascular Endothelial Dysfunction on the Development of Ischemic Stroke. *Journal of the American Heart Association*, **2020**, 9, e015703	6	9
414	Upregulated tumor necrosis factor-α transcriptome and proteome in adipose tissue-derived mesenchymal stem cells from pigs with metabolic syndrome. *Cytokine*, **2020**, 130, 155080	4	8
413	Dose-Response Effect of a Digital Health Intervention During Cardiac Rehabilitation: Subanalysis of Randomized Controlled Trial. *Journal of Medical Internet Research*, **2020**, 22, e13055	7.6	3
412	General Public's Information-Seeking Patterns of Topics Related to Obesity: Google Trends Analysis. *JMIR Public Health and Surveillance*, **2020**, 6, e20923	11.4	4
411	Association of coronary microvascular endothelial dysfunction with vulnerable plaque characteristics in early coronary atherosclerosis. *EuroIntervention*, **2020**, 16, 387-394	3.1	16
410	Potential role of extracellular vesicles in the pathophysiology of glomerular diseases. *Clinical Science*, **2020**, 134, 2741-2754	6.5	2
409	Assessment of peripheral endothelial function predicts future risk of solid-tumor cancer. *European Journal of Preventive Cardiology*, **2020**, 27, 608-618	3.9	24
408	Approach to the Patient with Chronic Kidney Disease and Renovascular Disease **2020**, 753-770		
407	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	3.2	4
406	Consensus-based technical recommendations for clinical translation of renal BOLD MRI. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2020**, 33, 199-215	2.8	21
405	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	9.9	21
404	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	6	10
403	Secondary Raynaud's phenomenon is associated with microvascular peripheral endothelial dysfunction. *Microvascular Research*, **2020**, 132, 104040	3.7	2
402	Renal fibrosis detected by diffusion-weighted magnetic resonance imaging remains unchanged despite treatment in subjects with renovascular disease. *Scientific Reports*, **2020**, 10, 16300	4.9	4
401	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	4.4	18

400	Abnormal Endothelial Gene Expression Associated With Early Coronary Atherosclerosis. *Journal of the American Heart Association*, **2020**, 9, e016134	6	10
399	Peripheral endothelial dysfunction is a novel risk factor for systolic dysfunction and heart failure progression. *IJC Heart and Vasculature*, **2020**, 30, 100584	2.4	2
398	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	7.5	14
397	Cellular Senescence: A New Player in Kidney Injury. *Hypertension*, **2020**, 76, 1069-1075	8.5	7
396	Augmented efficacy of exogenous extracellular vesicles targeted to injured kidneys. *Signal Transduction and Targeted Therapy*, **2020**, 5, 199	21	3
395	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	12.7	9
394	Comparison of high glomerular filtration rate thresholds for identifying hyperfiltration. *Nephrology Dialysis Transplantation*, **2020**, 35, 1017-1026	4.3	5
393	A Digital Health Weight Loss Program in 250,000 Individuals. *Journal of Obesity*, **2020**, 2020, 9497164	3.7	3
392	Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. *Journal of the American Heart Association*, **2020**, 9, e014850	6	10
391	Non-invasive vocal biomarker is associated with pulmonary hypertension. *PLoS ONE*, **2020**, 15, e0231441	3.7	11
390	Low-Energy Shockwave Treatment Promotes Endothelial Progenitor Cell Homing to the Stenotic Pig Kidney. *Cell Transplantation*, **2020**, 29, 963689720917342	4	6
389	Human Obesity Induces Dysfunction and Early Senescence in Adipose Tissue-Derived Mesenchymal Stromal/Stem Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 197	5.7	36
388	Role of symmetric dimethylarginine in predicting future renal impairment in liver transplant recipients. *Transplant International*, **2020**,	3	
387	Quantitative Magnetization Transfer Detects Renal Fibrosis in Murine Kidneys With Renal Artery Stenosis. *Journal of Magnetic Resonance Imaging*, **2020**, 53, 884	5.6	2
386	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		
385	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		
384	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		
383	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		

382	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		
381	Non-invasive vocal biomarker is associated with pulmonary hypertension **2020**, 15, e0231441		
380	Renovascular disease induces mitochondrial damage in swine scattered tubular cells. *American Journal of Physiology - Renal Physiology*, **2019**, 317, F1142-F1153	4.3	13
379	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	2.3	6
378	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. *Biology of Sex Differences*, **2019**, 10, 49	9.3	28
377	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	8.8	356
376	Elevated serum uric acid is associated with peripheral endothelial dysfunction in women. *Atherosclerosis*, **2019**, 290, 37-43	3.1	11
375	Metabolic Syndrome Interferes with Packaging of Proteins within Porcine Mesenchymal Stem Cell-Derived Extracellular Vesicles. *Stem Cells Translational Medicine*, **2019**, 8, 430-440	6.9	14
374	Impact of Serum Uric Acid Levels on Outcomes following Renal Artery Revascularization in Patients with Renovascular Disease. *International Journal of Hypertension*, **2019**, 2019, 3872065	2.4	3
373	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	4.3	5
372	Noninvasive assessment of renal fibrosis by magnetic resonance imaging and ultrasound techniques. *Translational Research*, **2019**, 209, 105-120	11	25
371	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	4.3	14
370	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	8.7	25
369	Tissue hypoxia, inflammation, and loss of glomerular filtration rate in human atherosclerotic renovascular disease. *Kidney International*, **2019**, 95, 948-957	9.9	16
368	Animal Models of Hypertension: A Scientific Statement From the American Heart Association. *Hypertension*, **2019**, 73, e87-e120	8.5	101
367	Coronary endothelial function testing may improve long-term quality of life in subjects with microvascular coronary endothelial dysfunction. *Open Heart*, **2019**, 6, e000870	3	5
366	Alterations in genetic and protein content of swine adipose tissue-derived mesenchymal stem cells in the metabolic syndrome. *Stem Cell Research*, **2019**, 37, 101423	1.6	12
365	Circulating Osteogenic Progenitor Cells in Mild, Moderate, and Severe Aortic Valve Stenosis. *Mayo Clinic Proceedings*, **2019**, 94, 652-659	6.4	3

364	Urinary microRNA in kidney disease: utility and roles. *American Journal of Physiology - Renal Physiology*, **2019**, 316, F785-F793	4.3	24
363	Pain-induced peripheral artery tonometry scores in the control arm are impaired in patients with apical ballooning syndrome. *Medicine (United States)*, **2019**, 98, e13841	1.8	2
362	Senescent Kidney Cells in Hypertensive Patients Release Urinary Extracellular Vesicles. *Journal of the American Heart Association*, **2019**, 8, e012584	6	19
361	A modified two-compartment model for measurement of renal function using dynamic contrast-enhanced computed tomography. *PLoS ONE*, **2019**, 14, e0219605	3.7	7
360	Metabolic syndrome is associated with peripheral endothelial dysfunction amongst men. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2019**, 12, 1035-1045	3.4	10
359	Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. *Translational Research*, **2019**, 213, 112-123	11	48
358	Metabolic Syndrome Induces Release of Smaller Extracellular Vesicles from Porcine Mesenchymal Stem Cells. *Cell Transplantation*, **2019**, 28, 1271-1278	4	14
357	Glomerular Volume and Glomerulosclerosis at Different Depths within the Human Kidney. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 1471-1480	12.7	19
356	Renal Artery Stenosis Alters Gene Expression in Swine Scattered Tubular-Like Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
355	Stem cell-derived extracellular vesicles for renal repair: do cardiovascular comorbidities matter?. *American Journal of Physiology - Renal Physiology*, **2019**, 317, F1414-F1419	4.3	3
354	Long-term outcomes after fractional flow reserve-guided percutaneous coronary intervention in patients with severe coronary stenosis. *Journal of Geriatric Cardiology*, **2019**, 16, 329-337	1.7	1
353	Mitochondrial Protection Partly Mitigates Kidney Cellular Senescence in Swine Atherosclerotic Renal Artery Stenosis. *Cellular Physiology and Biochemistry*, **2019**, 52, 617-632	3.9	22
352	Using Imaging Flow Cytometry to Characterize Extracellular Vesicles Isolated from Cell Culture Media, Plasma or Urine. *Bio-protocol*, **2019**, 9, e3420	0.9	
351	Senescence marker activin A is increased in human diabetic kidney disease: association with kidney function and potential implications for therapy. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000720	4.5	23
350	Coexisting renal artery stenosis and metabolic syndrome magnifies mitochondrial damage, aggravating poststenotic kidney injury in pigs. *Journal of Hypertension*, **2019**, 37, 2061-2073	1.9	14
349	Reply. *Journal of Hypertension*, **2019**, 37, 2302-2303	1.9	
348	The Role of Hypoxia in Ischemic Chronic Kidney Disease. *Seminars in Nephrology*, **2019**, 39, 589-598	4.8	7
347	Effect of Metformin on Microvascular Endothelial Function in Polycystic Ovary Syndrome. *Mayo Clinic Proceedings*, **2019**, 94, 2455-2466	6.4	17

346	Novel therapeutic strategies for renovascular disease. *Current Opinion in Nephrology and Hypertension*, **2019**, 28, 383-389	3.5	6
345	Improved renal outcomes after revascularization of the stenotic renal artery in pigs by prior treatment with low-energy extracorporeal shockwave therapy. *Journal of Hypertension*, **2019**, 37, 2074-2082	4.8	7
344	Magnetization Transfer Imaging Is Unaffected by Decreases in Renal Perfusion in Swine. *Investigative Radiology*, **2019**, 54, 681-688	10.1	10
343	Metabolic Syndrome Modulates Protein Import into the Mitochondria of Porcine Mesenchymal Stem Cells. *Stem Cell Reviews and Reports*, **2019**, 15, 427-438	6.4	8
342	Mitoprotection attenuates myocardial vascular impairment in porcine metabolic syndrome. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H669-H680	5.2	10
341	Targeting Murine Mesenchymal Stem Cells to Kidney Injury Molecule-1 Improves Their Therapeutic Efficacy in Chronic Ischemic Kidney Injury. *Stem Cells Translational Medicine*, **2018**, 7, 394-403	6.9	20
340	Voice Signal Characteristics Are Independently Associated With Coronary Artery Disease. *Mayo Clinic Proceedings*, **2018**, 93, 840-847	6.4	24
339	Renal scattered tubular-like cells confer protective effects in the stenotic murine kidney mediated by release of extracellular vesicles. *Scientific Reports*, **2018**, 8, 1263	4.9	39
338	Magnetic resonance elastography can monitor changes in medullary stiffness in response to treatment in the swine ischemic kidney. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2018**, 31, 375-382	2.8	8
337	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. *International Journal of Cardiology*, **2018**, 254, 23-27	3.2	38
336	Chronic inhibition of lipoprotein-associated phospholipase A does not improve coronary endothelial function: A prospective, randomized-controlled trial. *International Journal of Cardiology* , **2018**, 253, 7-13	3.2	6
335	Mitochondrial targeted peptides preserve mitochondrial organization and decrease reversible myocardial changes in early swine metabolic syndrome. *Cardiovascular Research*, **2018**, 114, 431-442	9.9	16
334	Targeted Imaging of Renal Fibrosis Using Antibody-Conjugated Gold Nanoparticles in Renal Artery Stenosis. *Investigative Radiology*, **2018**, 53, 623-628	10.1	11
333	Mitoprotection preserves the renal vasculature in porcine metabolic syndrome. *Experimental Physiology*, **2018**, 103, 1020-1029	2.4	12
332	Ossabaw Pigs With a PCSK9 Gain-of-Function Mutation Develop Accelerated Coronary Atherosclerotic Lesions: A Novel Model for Preclinical Studies. *Journal of the American Heart Association*, **2018**, 7,	6	18
331	Intrarenal fat deposition does not interfere with the measurement of single-kidney perfusion in obese swine using multi-detector computed tomography. *Journal of Cardiovascular Computed Tomography*, **2018**, 12, 149-152	2.8	9
330	Preserved endothelial progenitor cell angiogenic activity in African American essential hypertensive patients. *Nephrology Dialysis Transplantation*, **2018**, 33, 392-401	4.3	4
329	The metabolic syndrome alters the miRNA signature of porcine adipose tissue-derived mesenchymal stem cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2018**, 93, 93-103	4.6	38

328	Chronic treatment with the mitochondrial peptide humanin prevents age-related myocardial fibrosis in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H1127-H1136	5.2	34
327	Local Low Shear Stress and Endothelial Dysfunction in Patients With Nonobstructive Coronary Atherosclerosis. *Journal of the American College of Cardiology*, **2018**, 71, 2092-2102	15.1	62
326	Enhancing Mitochondrial Health to Treat Hypertension. *Current Hypertension Reports*, **2018**, 20, 89	4.7	12
325	Microvascular obstruction in non-infarct related coronary arteries is an independent predictor of major adverse cardiovascular events in patients with ST segment-elevation myocardial infarction. *International Journal of Cardiology*, **2018**, 273, 22-28	3.2	10
324	Renal blood oxygenation level-dependent magnetic resonance imaging to measure renal tissue oxygenation: a statement paper and systematic review. *Nephrology Dialysis Transplantation*, **2018**, 33, ii22-ii28	4.3	59
323	The Metabolic Syndrome Does Not Affect Development of Collateral Circulation in the Poststenotic Swine Kidney. *American Journal of Hypertension*, **2018**, 31, 1307-1316	2.3	6
322	Multiparametric MRI detects longitudinal evolution of folic acid-induced nephropathy in mice. *American Journal of Physiology - Renal Physiology*, **2018**, 315, F1252-F1260	4.3	15
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320	Usage of a Digital Health Workplace Intervention Based on Socioeconomic Environment and Race: Retrospective Secondary Cross-Sectional Study. *Journal of Medical Internet Research*, **2018**, 20, e145	7.6	3
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