

Andrew Advani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-------------------------|----------------|-----------------|
| 73 papers | 2,675 citations | 29 h-index | 50 g-index |
| 76 ext. papers | 3,192 ext. citations | 5.6 avg, IF | 5.35 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 73 | Empagliflozin Disrupts a Tnfrsf12a-Mediated Feed Forward Loop That Promotes Left Ventricular Hypertrophy. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1 | 3.9 | 1 |
| 72 | The Goto Kakizaki rat: Impact of age upon changes in cardiac and renal structure, function. <i>PLoS ONE</i> , 2021 , 16, e0252711 | 3.7 | 0 |
| 71 | Lung and Kidney ACE2 and TMPRSS2 in Renin-Angiotensin System Blocker-Treated Comorbid Diabetic Mice Mimicking Host Factors That Have Been Linked to Severe COVID-19. <i>Diabetes</i> , 2021 , 70, 759-771 | 0.9 | 10 |
| 70 | The study of single cells in diabetic kidney disease. <i>Journal of Nephrology</i> , 2021 , 34, 1925-1939 | 4.8 | 2 |
| 69 | Impact of a Gluten-Free Diet on Quality of Life and Health Perception in Patients With Type 1 Diabetes and Asymptomatic Celiac Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e1984-e1992 | 5.6 | 3 |
| 68 | Screening and Treatment Outcomes in Adults and Children With Type 1 Diabetes and Asymptomatic Celiac Disease: The CD-DIET Study. <i>Diabetes Care</i> , 2020 , 43, 1553-1556 | 14.6 | 8 |
| 67 | A common glomerular transcriptomic signature distinguishes diabetic kidney disease from other kidney diseases in humans and mice. <i>Current Research in Translational Medicine</i> , 2020 , 68, 225-236 | 3.7 | 0 |
| 66 | Load-independent effects of empagliflozin contribute to improved cardiac function in experimental heart failure with reduced ejection fraction. <i>Cardiovascular Diabetology</i> , 2020 , 19, 13 | 8.7 | 23 |
| 65 | Positioning time in range in diabetes management. <i>Diabetologia</i> , 2020 , 63, 242-252 | 10.3 | 42 |
| 64 | Experiences and perspectives of the parents of emerging adults living with type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8, | 4.5 | 3 |
| 63 | Acute Kidney Injury: A Bona Fide Complication of Diabetes. <i>Diabetes</i> , 2020 , 69, 2229-2237 | 0.9 | 13 |
| 62 | Empagliflozin Improves Diastolic Function in a Nondiabetic Rodent Model of Heart Failure With Preserved Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2019 , 4, 27-37 | 8.7 | 49 |
| 61 | Renal Hemodynamic Function and RAAS Activation Over the Natural History of Type 1 Diabetes. <i>American Journal of Kidney Diseases</i> , 2019 , 73, 786-796 | 7.4 | 7 |
| 60 | Dysregulated expression but redundant function of the long non-coding RNA HOTAIR in diabetic kidney disease. <i>Diabetologia</i> , 2019 , 62, 2129-2142 | 10.3 | 21 |
| 59 | The 3i Conceptual Framework for Recognizing Patient Perspectives of Type 1 Diabetes During Emerging Adulthood. <i>JAMA Network Open</i> , 2019 , 2, e196944 | 10.4 | 4 |
| 58 | Association between uric acid, renal haemodynamics and arterial stiffness over the natural history of type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1388-1398 | 6.7 | 8 |
| 57 | HDAC6 Inhibition Promotes Transcription Factor EB Activation and Is Protective in Experimental Kidney Disease. <i>Frontiers in Pharmacology</i> , 2018 , 9, 34 | 5.6 | 22 |

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| 56 | Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. <i>Journal of Clinical Investigation</i> , 2018 , 128, 483-499 | 15.9 | 54 |
| 55 | Dapagliflozin in focal segmental glomerulosclerosis: a combined human-rodent pilot study. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, F412-F422 | 4.3 | 46 |
| 54 | Histone H3 Serine 10 Phosphorylation Facilitates Endothelial Activation in Diabetic Kidney Disease. <i>Diabetes</i> , 2018 , 67, 2668-2681 | 0.9 | 9 |
| 53 | Histone Deacetylase Inhibitors and Diabetic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 38 |
| 52 | The Dipeptidyl Peptidase 4 Substrate CXCL12 Has Opposing Cardiac Effects in Young Mice and Aged Diabetic Mice Mediated by Ca Flux and Phosphoinositide 3-Kinase \square <i>Diabetes</i> , 2018 , 67, 2443-2455 | 0.9 | 5 |
| 51 | Sirtuin 1 activation attenuates cardiac fibrosis in a rodent pressure overload model by modifying Smad2/3 transactivation. <i>Cardiovascular Research</i> , 2018 , 114, 1629-1641 | 9.9 | 42 |
| 50 | Histones and heart failure in diabetes. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 3193-3213 | 10.3 | 14 |
| 49 | Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2641-2653 | 12.7 | 17 |
| 48 | Renal and Vascular Effects of Uric Acid Lowering in Normouricemic Patients With Uncomplicated Type 1 Diabetes. <i>Diabetes</i> , 2017 , 66, 1939-1949 | 0.9 | 20 |
| 47 | Urinary adenosine excretion in type 1 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F184-F191 | 4.3 | 29 |
| 46 | EP4 inhibition attenuates the development of diabetic and non-diabetic experimental kidney disease. <i>Scientific Reports</i> , 2017 , 7, 3442 | 4.9 | 18 |
| 45 | Diabetes in Emerging Adulthood: Transitions Lost in Translation. <i>Canadian Journal of Diabetes</i> , 2017 , 41, 1-5 | 2.1 | 4 |
| 44 | VEGF and the diabetic kidney: More than too much of a good thing. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 273-279 | 3.2 | 39 |
| 43 | The therapeutic hope for HDAC6 inhibitors in malignancy and chronic disease. <i>Clinical Science</i> , 2016 , 130, 987-1003 | 6.5 | 48 |
| 42 | Dipeptidyl peptidase-4 inhibition improves cardiac function in experimental myocardial infarction: Role of stromal cell-derived factor-1 \square <i>Journal of Diabetes</i> , 2016 , 8, 63-75 | 3.8 | 26 |
| 41 | Influenza Virus Infection Induces Platelet-Endothelial Adhesion Which Contributes to Lung Injury. <i>Journal of Virology</i> , 2016 , 90, 1812-23 | 6.6 | 41 |
| 40 | YAP/TAZ Are Mechanoregulators of TGF- \square Smad Signaling and Renal Fibrogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3117-3128 | 12.7 | 201 |
| 39 | Prostaglandin I2 Receptor Agonism Preserves \square Cell Function and Attenuates Albuminuria Through Nephron-Dependent Mechanisms. <i>Diabetes</i> , 2016 , 65, 1398-409 | 0.9 | 13 |

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| 38 | The Histone Methyltransferase Enzyme Enhancer of Zeste Homolog 2 Protects against Podocyte Oxidative Stress and Renal Injury in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 2021-34 | 12.7 | 46 |
| 37 | Incentivizing health care behaviors in emerging adults: a systematic review. <i>Patient Preference and Adherence</i> , 2016 , 10, 371-81 | 2.4 | 4 |
| 36 | Mechanisms of Chronic Muscle Wasting and Dysfunction after an Intensive Care Unit Stay. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 821-830 | 10.2 | 122 |
| 35 | The epigenetic regulation of podocyte function in diabetes. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 1337-44 | 3.2 | 12 |
| 34 | CXCR4 promotes renal tubular cell survival in male diabetic rats: implications for ligand inactivation in the human kidney. <i>Endocrinology</i> , 2015 , 156, 1121-32 | 4.8 | 17 |
| 33 | Influenza-Induced Priming and Leak of Human Lung Microvascular Endothelium upon Exposure to Staphylococcus aureus. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 459-70 | 5.7 | 18 |
| 32 | The Celiac Disease and Diabetes-Dietary Intervention and Evaluation Trial (CD-DIET) protocol: a randomised controlled study to evaluate treatment of asymptomatic coeliac disease in type 1 diabetes. <i>BMJ Open</i> , 2015 , 5, e008097 | 3 | 20 |
| 31 | The end of the road for dual renin-angiotensin system blockade in diabetic nephropathy: which way now?. <i>Canadian Journal of Diabetes</i> , 2014 , 38, 292-5 | 2.1 | |
| 30 | Impaired cardiac anti-oxidant activity in diabetes: human and correlative experimental studies. <i>Acta Diabetologica</i> , 2014 , 51, 771-82 | 3.9 | 10 |
| 29 | High glucose induces Smad activation via the transcriptional coregulator p300 and contributes to cardiac fibrosis and hypertrophy. <i>Cardiovascular Diabetology</i> , 2014 , 13, 89 | 8.7 | 88 |
| 28 | Diabetes induces lysine acetylation of intermediary metabolism enzymes in the kidney. <i>Diabetes</i> , 2014 , 63, 2432-9 | 0.9 | 47 |
| 27 | SDF-1/CXCR4 signaling preserves microvascular integrity and renal function in chronic kidney disease. <i>PLoS ONE</i> , 2014 , 9, e92227 | 3.7 | 34 |
| 26 | Vascular endothelial growth factor and the kidney: something of the marvellous. <i>Current Opinion in Nephrology and Hypertension</i> , 2014 , 23, 87-92 | 3.5 | 12 |
| 25 | Liver X receptors preserve renal glomerular integrity under normoglycaemia and in diabetes in mice. <i>Diabetologia</i> , 2014 , 57, 435-46 | 10.3 | 26 |
| 24 | Dipeptidyl peptidase-4 inhibition improves left ventricular function in chronic kidney disease. <i>Clinical and Investigative Medicine</i> , 2014 , 37, E172 | 0.9 | 15 |
| 23 | Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. <i>Stem Cells</i> , 2013 , 31, 2408-19 | 5.8 | 21 |
| 22 | Cardiovascular effects of incretins in diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 309-14 | 2.1 | 16 |
| 21 | Endothelial-podocyte crosstalk: the missing link between endothelial dysfunction and albuminuria in diabetes. <i>Diabetes</i> , 2013 , 62, 3647-55 | 0.9 | 82 |

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|----|---|------|-----|
| 20 | DPP-4 inhibition attenuates cardiac dysfunction and adverse remodeling following myocardial infarction in rats with experimental diabetes. <i>Cardiovascular Therapeutics</i> , 2013 , 31, 259-67 | 3.3 | 49 |
| 19 | Role of the eNOS-NO system in regulating the antiproteinuric effects of VEGF receptor 2 inhibition in diabetes. <i>BioMed Research International</i> , 2013 , 2013, 201475 | 3 | 11 |
| 18 | The endothelium in diabetic nephropathy. <i>Seminars in Nephrology</i> , 2012 , 32, 199-207 | 4.8 | 37 |
| 17 | eNOS deficiency predisposes podocytes to injury in diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1810-23 | 12.7 | 102 |
| 16 | Early-outgrowth bone marrow cells attenuate renal injury and dysfunction via an antioxidant effect in a mouse model of type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 2114-25 | 0.9 | 29 |
| 15 | Hyperglycemia and renal mass ablation synergistically augment albuminuria in the diabetic subtotaly nephrectomized rat: implications for modeling diabetic nephropathy. <i>Nephron Extra</i> , 2012 , 2, 115-24 | | 3 |
| 14 | Angiogenic dysfunction in bone marrow-derived early outgrowth cells from diabetic animals is attenuated by SIRT1 activation. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 921-6 | 6.9 | 16 |
| 13 | The CXCR4/CXCR7/SDF-1 pathway contributes to the pathogenesis of Shiga toxin-associated hemolytic uremic syndrome in humans and mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 759-76 | 15.9 | 79 |
| 12 | Long-term administration of the histone deacetylase inhibitor vorinostat attenuates renal injury in experimental diabetes through an endothelial nitric oxide synthase-dependent mechanism. <i>American Journal of Pathology</i> , 2011 , 178, 2205-14 | 5.8 | 114 |
| 11 | Inhibition of the epidermal growth factor receptor preserves podocytes and attenuates albuminuria in experimental diabetic nephropathy. <i>Nephrology</i> , 2011 , 16, 573-81 | 2.2 | 49 |
| 10 | Histone deacetylase inhibition attenuates diabetes-associated kidney growth: potential role for epigenetic modification of the epidermal growth factor receptor. <i>Kidney International</i> , 2011 , 79, 1312-21 | 9.9 | 89 |
| 9 | Fluorescent microangiography is a novel and widely applicable technique for delineating the renal microvasculature. <i>PLoS ONE</i> , 2011 , 6, e24695 | 3.7 | 24 |
| 8 | Culture-modified bone marrow cells attenuate cardiac and renal injury in a chronic kidney disease rat model via a novel antifibrotic mechanism. <i>PLoS ONE</i> , 2010 , 5, e9543 | 3.7 | 51 |
| 7 | Expression, localization, and function of the thioredoxin system in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 730-41 | 12.7 | 89 |
| 6 | Protein kinase C-beta inhibition attenuates the progression of nephropathy in non-diabetic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1782-90 | 4.3 | 18 |
| 5 | Inhibition of protein kinase C-beta by ruboxistaurin preserves cardiac function and reduces extracellular matrix production in diabetic cardiomyopathy. <i>Circulation: Heart Failure</i> , 2009 , 2, 129-37 | 7.6 | 92 |
| 4 | The (Pro)renin receptor: site-specific and functional linkage to the vacuolar H ⁺ -ATPase in the kidney. <i>Hypertension</i> , 2009 , 54, 261-9 | 8.5 | 205 |
| 3 | Estrogen biosynthesis in human H295 adrenocortical carcinoma cells. <i>Molecular and Cellular Endocrinology</i> , 2009 , 300, 115-20 | 4.4 | 17 |

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| 2 | The investigation and management of severe hyperandrogenism pre- and postmenopause: non-tumor disease is strongly associated with metabolic syndrome and typically responds to insulin-sensitization with metformin. <i>Gynecological Endocrinology</i> , 2008 , 24, 87-92 | 2.4 | 14 |
| 1 | Role of VEGF in maintaining renal structure and function under normotensive and hypertensive conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14448-53 | 11.5 | 116 |