

# Darren A Yuen

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,021  
citations

279798

23  
h-index

243625

44  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2985  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | YAP/TAZ Are Mechanoregulators of TGF- $\beta$ 2-Smad Signaling and Renal Fibrogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3117-3128.   | 6.1  | 316       |
| 2  | The (Pro)Renin Receptor. <i>Hypertension</i> , 2009, 54, 261-269.  | 2.7  | 234       |
| 3  | 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, 2205-2214. | 3.8  | 134       |
| 4  | eNOS Deficiency Predisposes Podocytes to Injury in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1810-1823.   | 6.1  | 124       |
| 5  | 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, 1312-1321.                                      | 5.2  | 102       |
| 6  | 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, 759-776.   | 8.2  | 86        |
| 7  | The natural history of coronary calcification progression in a cohort of nocturnal haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 1407-1412.   | 0.7  | 66        |
| 8  | Could MRI Be Used To Image Kidney Fibrosis? A Review of Recent Advances and Remaining Barriers. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1019-1028.  | 4.5  | 66        |
| 9  | DPP-4 Inhibition Attenuates Cardiac Dysfunction and Adverse Remodeling Following Myocardial Infarction in Rats with Experimental Diabetes. <i>Cardiovascular Therapeutics</i> , 2013, 31, 259-267.   | 2.5  | 56        |
| 10 | Magnetic Resonance Elastography to Assess Fibrosis in Kidney Allografts. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1671-1679.   | 4.5  | 56        |
| 11 | 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.  | 2.5  | 55        |
| 12 | Slit2 Prevents Neutrophil Recruitment and Renal Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1274-1287.   | 6.1  | 52        |
| 13 | Quotidian Nocturnal Hemodialysis Improves Cytokine Profile and Enhances Erythropoietin Responsiveness. <i>ASAIO Journal</i> , 2005, 51, 236-241.   | 1.6  | 48        |
| 14 | SDF-1/CXCR4 Signaling Preserves Microvascular Integrity and Renal Function in Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e92227.   | 2.5  | 39        |
| 15 | NUAK1 promotes organ fibrosis via YAP and TGF- $\beta$ 2/SMAD signaling. <i>Science Translational Medicine</i> , 2022, 14, eaaz4028.   | 12.4 | 33        |
| 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, 2114-2125.   | 0.6  | 32        |
| 17 | Fluorescent Microangiography Is a Novel and Widely Applicable Technique for Delineating the Renal Microvasculature. <i>PLoS ONE</i> , 2011, 6, e24695.   | 2.5  | 29        |
| 18 | Myofibroblast YAP/TAZ activation is a key step in organ fibrogenesis. <i>JCI Insight</i> , 2022, 7, .  | 5.0  | 28        |

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|----|--|------|-----------|
| 19 | Recombinant N-terminus of Slit2 Inhibits TGF- $\beta$ -Induced Fibroblast Activation and Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2609-2615.   | 6.1  | 27        |
| 20 | Myocardin-related Transcription Factor Regulates Nox4 Protein Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 227-243.   | 3.4  | 27        |
| 21 | The Association Between Conversion to In-centre Nocturnal Hemodialysis and Left Ventricular Mass Regression in Patients With End-Stage Renal Disease. <i>Canadian Journal of Cardiology</i> , 2016, 32, 369-377.   | 1.7  | 27        |
| 22 | Slit2-ROBO signaling. <i>Current Opinion in Nephrology and Hypertension</i> , 2013, 22, 445-451.   | 2.0  | 26        |
| 23 | Comparative Assessment of 2-Dimensional Echocardiography vs Cardiac Magnetic Resonance Imaging in Measuring Left Ventricular Mass in Patients With and Without End-Stage Renal Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 384-390.                         | 1.7  | 25        |
| 24 | Photoacoustic imaging of kidney fibrosis for assessing pretransplant organ quality. <i>JCI Insight</i> , 2020, 5, .  | 5.0  | 24        |
| 25 | Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. <i>Stem Cells</i> , 2013, 31, 2408-2419.  | 3.2  | 23        |
| 26 | Nocturnal Hemodialysis Is Associated with Restoration of Early-Outgrowth Endothelial Progenitor-Like Cell Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 1345-1353.   | 4.5  | 21        |
| 27 | Right ventricular fibrosis is associated with cardiac remodelling after pulmonary valve replacement. <i>Heart</i> , 2019, 105, 855-863.  | 2.9  | 21        |
| 28 | 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, 921-926.  | 3.3  | 20        |
| 29 | Microfluidic Generation of Monodisperse Nanobubbles by Selective Gas Dissolution. <i>Small</i> , 2021, 17, e2100345.   | 10.0 | 20        |
| 30 | Overexpression of the Severe Acute Respiratory Syndrome Coronavirus-2 Receptor, Angiotensin-Converting Enzyme 2, in Diabetic Kidney Disease: Implications for Kidney Injury in Novel Coronavirus Disease 2019. <i>Canadian Journal of Diabetes</i> , 2021, 45, 162-166.e1. | 0.8  | 19        |
| 31 | Correlates of left ventricular mass in chronic hemodialysis recipients. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 349-356.  | 1.5  | 18        |
| 32 | Inhibition of polar actin assembly by astral microtubules is required for cytokinesis. <i>Nature Communications</i> , 2021, 12, 2409.  | 12.8 | 18        |
| 33 | Relationship between different blood pressure measurements and left ventricular mass by cardiac magnetic resonance imaging in end-stage renal disease. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 275-284.  | 2.3  | 14        |
| 34 | Renal histology in diabetic nephropathy predicts progression to end-stage kidney disease but not the rate of renal function decline. <i>BMC Nephrology</i> , 2020, 21, 285.  | 1.8  | 13        |
| 35 | Imaging of renal fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2020, 29, 599-607.  | 2.0  | 13        |
| 36 | Validation of the Kidney Failure Risk Equation in Kidney Transplant Recipients. <i>Canadian Journal of Kidney Health and Disease</i> , 2020, 7, 205435812092262.   | 1.1  | 13        |

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|----|---|-----|-----------|
| 37 | Reduced Flow in Delayed Graft Function as Assessed by <scp>IVIM</scp> Is Associated With Time to Recovery Following Kidney Transplantation. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 108-117.   | 3.4 | 13        |
| 38 | Bone Marrow Cell Therapies for Endothelial Repair and Their Relevance to Kidney Disease. <i>Seminars in Nephrology</i> , 2012, 32, 215-223.   | 1.6 | 11        |
| 39 | Relationships Between Left Ventricular Structure and Function According to Cardiac MRI and Cardiac Biomarkers in End-Stage Renal Disease. <i>Canadian Journal of Cardiology</i> , 2017, 33, 501-507.  | 1.7 | 10        |
| 40 | Inflammation, cardiovascular disease and nocturnal hemodialysis. <i>Current Opinion in Nephrology and Hypertension</i> , 2005, 14, 538-542.   | 2.0 | 9         |
| 41 | Decreased expression and impaired function of muscarinic acetylcholine receptors in the rat hippocampus following transient forebrain ischemia. <i>Neurobiology of Disease</i> , 2005, 20, 805-813.   | 4.4 | 9         |
| 42 | A new, easily generated mouse model of diabetic kidney fibrosis. <i>Scientific Reports</i> , 2019, 9, 12549.  | 3.3 | 9         |
| 43 | Hyperglycemia and Renal Mass Ablation Synergistically Augment Albuminuria in the Diabetic Subtotally Nephrectomized Rat: Implications for Modeling Diabetic Nephropathy. <i>Nephron Extra</i> , 2012, 2, 115-124.   | 1.1 | 4         |
| 44 | Cell Therapy for Diabetic Nephropathy: Is the Future, Now?. <i>Seminars in Nephrology</i> , 2012, 32, 486-493.  | 1.6 | 4         |
| 45 | Early Outgrowth Pro-Angiogenic Cell Number and Function Do Not Correlate with Left Ventricular Structure and Function in Conventional Hemodialysis Patients: A Cross-Sectional Study. <i>Canadian Journal of Kidney Health and Disease</i> , 2015, 2, 60. | 1.1 | 4         |
| 46 | Repeated Treatment with Bone Marrow Cell Secretory Products Maintains Long-Term Renoprotection in Experimental Chronic Kidney Disease: A Placebo-Controlled Trial. <i>Canadian Journal of Kidney Health and Disease</i> , 2015, 2, 82.                    | 1.1 | 4         |
| 47 | The role of thrombectomy and diffusion-weighted imaging with MRI in post-transplant renal vein thrombosis: a case report. <i>BMC Nephrology</i> , 2017, 18, 224.  | 1.8 | 4         |
| 48 | Conventional Hemodialysis is Associated with Greater Bone Loss than Nocturnal Hemodialysis: A Retrospective Observational Study of a Convenience Cohort. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 118.                             | 1.1 | 3         |
| 49 | Does Chronic Kidney Disease Induced Cognitive Impairment Affect Driving Safety?. <i>Canadian Journal of Kidney Health and Disease</i> , 2018, 5, 205435811877713.   | 1.1 | 3         |
| 50 | Magnetic Resonance Elastography-derived Stiffness Predicts Renal Function Loss and Is Associated With Microvascular Inflammation in Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2022, 8, e1334.   | 1.6 | 3         |
| 51 | 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.  | 1.8 | 2         |
| 52 | A Clinical and Pathological Variant of Acute Transplant Glomerulopathy. <i>Case Reports in Pathology</i> , 2014, 2014, 1-5.   | 0.3 | 1         |
| 53 | Application of Modular Therapy for Renoprotection in Experimental Chronic Kidney Disease. <i>Tissue Engineering - Part A</i> , 2015, 21, 1963-1972.   | 3.1 | 1         |
| 54 | The Angiogenic Defect in Diabetes is Reversed by the Activation of Sirtuin 1. <i>Canadian Journal of Diabetes</i> , 2012, 36, S13.  | 0.8 | 0         |

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|----|--|-----|-----------|
| 55 | Bridging the Gap: A Canadian Perspective on Translational Kidney Research. Canadian Journal of Kidney Health and Disease, 2014, 1, 18. | 1.1 | 0         |
| 56 | Optimal Blood Pressure Control in High-Risk Groups: Are the Guidelines Letting Us Down?. Southern Medical Journal, 2008, 101, 884-885. | 0.7 | 0         |