

Alejandro R Chade

List of Publications by Citations

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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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|--------------------|-------------------------|----------------|-----------------|
| 59 papers | 1,817 citations | 22 h-index | 42 g-index |
| 185 ext. papers | 2,083 ext. citations | 5.5 avg, IF | 4.91 L-index |

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 59 | Distinct renal injury in early atherosclerosis and renovascular disease. <i>Circulation</i> , 2002 , 106, 1165-71 | 16.7 | 204 |
| 58 | Endothelial progenitor cells restore renal function in chronic experimental renovascular disease. <i>Circulation</i> , 2009 , 119, 547-57 | 16.7 | 178 |
| 57 | Mechanisms of renal structural alterations in combined hypercholesterolemia and renal artery stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1295-301 | 9.4 | 135 |
| 56 | Kidney in early atherosclerosis. <i>Hypertension</i> , 2005 , 45, 1042-9 | 8.5 | 120 |
| 55 | Antioxidant intervention blunts renal injury in experimental renovascular disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 958-66 | 12.7 | 103 |
| 54 | Assessment of renal hemodynamics and function in pigs with 64-section multidetector CT: comparison with electron-beam CT. <i>Radiology</i> , 2007 , 243, 405-12 | 20.5 | 102 |
| 53 | Endothelial progenitor cells homing and renal repair in experimental renovascular disease. <i>Stem Cells</i> , 2010 , 28, 1039-47 | 5.8 | 95 |
| 52 | Renal vascular structure and rarefaction. <i>Comprehensive Physiology</i> , 2013 , 3, 817-31 | 7.7 | 69 |
| 51 | Antioxidant intervention prevents renal neovascularization in hypercholesterolemic pigs. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 1816-25 | 12.7 | 66 |
| 50 | Beneficial effects of antioxidant vitamins on the stenotic kidney. <i>Hypertension</i> , 2003 , 42, 605-12 | 8.5 | 59 |
| 49 | Reversal of renal dysfunction by targeted administration of VEGF into the stenotic kidney: a novel potential therapeutic approach. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1342-50 | 4.3 | 56 |
| 48 | Renal microvascular disease determines the responses to revascularization in experimental renovascular disease. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 376-83 | 6 | 54 |
| 47 | Simvastatin abates development of renal fibrosis in experimental renovascular disease. <i>Journal of Hypertension</i> , 2008 , 26, 1651-60 | 1.9 | 49 |
| 46 | Endothelial outgrowth cells shift macrophage phenotype and improve kidney viability in swine renal artery stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1006-13 | 9.4 | 44 |
| 45 | Microvascular disease precedes the decline in renal function in the streptozotocin-induced diabetic rat. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F308-15 | 4.3 | 43 |
| 44 | A kidney-selective biopolymer for targeted drug delivery. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F54-F64 | 4.3 | 39 |
| 43 | Endothelin-1 receptor blockade prevents renal injury in experimental hypercholesterolemia. <i>Kidney International</i> , 2003 , 64, 962-9 | 9.9 | 38 |

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| 42 | Renal Therapeutic Angiogenesis Using a Bioengineered Polymer-Stabilized Vascular Endothelial Growth Factor Construct. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1741-52 | 12.7 | 37 |
| 41 | Targeted VEGF (Vascular Endothelial Growth Factor) Therapy Induces Long-Term Renal Recovery in Chronic Kidney Disease via Macrophage Polarization. <i>Hypertension</i> , 2019 , 74, 1113-1123 | 8.5 | 25 |
| 40 | Renoprotective effects of hepatocyte growth factor in the stenotic kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F625-33 | 4.3 | 25 |
| 39 | Disparate effects of single endothelin-A and -B receptor blocker therapy on the progression of renal injury in advanced renovascular disease. <i>Kidney International</i> , 2014 , 85, 833-44 | 9.9 | 25 |
| 38 | Systemic biopolymer-delivered vascular endothelial growth factor promotes therapeutic angiogenesis in experimental renovascular disease. <i>Kidney International</i> , 2018 , 93, 842-854 | 9.9 | 22 |
| 37 | Angiotensin II AT1 receptor blockade improves renal perfusion in hypercholesterolemia. <i>American Journal of Hypertension</i> , 2003 , 16, 111-5 | 2.3 | 21 |
| 36 | Nephron Deficiency and Predisposition to Renal Injury in a Novel One-Kidney Genetic Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1634-46 | 12.7 | 20 |
| 35 | Role of the Renal Microcirculation in Progression of Chronic Kidney Injury in Obesity. <i>American Journal of Nephrology</i> , 2016 , 44, 354-367 | 4.6 | 20 |
| 34 | Endothelin-a receptor antagonism after renal angioplasty enhances renal recovery in renovascular disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1071-80 | 12.7 | 19 |
| 33 | A translational model of chronic kidney disease in swine. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F364-F373 | 4.3 | 19 |
| 32 | Macrophage polarization in chronic kidney disease: a balancing act between renal recovery and decline?. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F1409-F1413 | 4.3 | 18 |
| 31 | Molecular Size Modulates Pharmacokinetics, Biodistribution, and Renal Deposition of the Drug Delivery Biopolymer Elastin-like Polypeptide. <i>Scientific Reports</i> , 2018 , 8, 7923 | 4.9 | 17 |
| 30 | Small Vessels, Big Role: Renal Microcirculation and Progression of Renal Injury. <i>Hypertension</i> , 2017 , 69, 551-563 | 8.5 | 14 |
| 29 | Chronic blockade of endothelin A and B receptors using macitentan in experimental renovascular disease. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 584-93 | 4.3 | 12 |
| 28 | Biopolymer-delivered vascular endothelial growth factor improves renal outcomes following revascularization. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, F1016-F1025 | 4.3 | 10 |
| 27 | VEGF therapy for the kidney: emerging strategies. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F747-F751 | 4.3 | 8 |
| 26 | Utilizing a Kidney-Targeting Peptide to Improve Renal Deposition of a Pro-Angiogenic Protein Biopolymer. <i>Pharmaceutics</i> , 2019 , 11, | 6.4 | 6 |
| 25 | Angiogenic cytokines in renovascular disease: do they have potential for therapeutic use?. <i>Journal of the American Society of Hypertension</i> , 2013 , 7, 180-90 | | 6 |

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| 24 | Molecular targeting of renal inflammation using drug delivery technology to inhibit NF- κ B improves renal recovery in chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, F139-F148 | 4.3 | 5 |
| 23 | Recovery of Renal Function following Kidney-Specific VEGF Therapy in Experimental Renovascular Disease. <i>American Journal of Nephrology</i> , 2020 , 51, 891-902 | 4.6 | 4 |
| 22 | Enhanced maximal exercise capacity, vasodilation to electrical muscle contraction, and hind limb vascular density in ASIC1a null mice. <i>Physiological Reports</i> , 2017 , 5, e13368 | 2.6 | 4 |
| 21 | A Boolean Model of Microvascular Rarefaction to Predict Treatment Outcomes in Renal Disease. <i>Scientific Reports</i> , 2020 , 10, 440 | 4.9 | 2 |
| 20 | A dose-escalating toxicology study of the candidate biologic ELP-VEGF. <i>Scientific Reports</i> , 2021 , 11, 62164.9 | 4.9 | 2 |
| 19 | Intrarenal Renin Angiotensin System Imbalance During Postnatal Life Is Associated With Increased Microvascular Density in the Mature Kidney. <i>Frontiers in Physiology</i> , 2020 , 11, 1046 | 4.6 | 1 |
| 18 | Delayed Systemic Treatment with Cannabinoid Receptor 2 Agonist Mitigates Spinal Cord Injury-Induced Osteoporosis More Than Acute Treatment Directly after Injury. <i>Neurotrauma Reports</i> , 2021 , 2, 270-284 | 1.6 | 0 |
| 17 | Renal Revascularization Attenuates Myocardial Mitochondrial Damage and Improves Diastolic Function in Pigs with Metabolic Syndrome and Renovascular Hypertension. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1 | 3.3 | 0 |
| 16 | Intrarenal modulation of NF- κ B activity attenuates cardiac injury in a swine model of CKD: a renal-cardio axis. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F411-F423 | 4.3 | 0 |
| 15 | Renal mitochondrial injury in the pathogenesis of CKD: mtDNA and mitomiRs.. <i>Clinical Science</i> , 2022 , 136, 345-360 | 6.5 | 0 |
| 14 | Renal Ischemia Induces Epigenetic Changes in Apoptotic, Proteolytic, and Mitochondrial Genes in Swine Scattered Tubular-like Cells. <i>Cells</i> , 2022 , 11, 1803 | 7.9 | 0 |
| 13 | Obesity Increases Renal Cortical Neovascularization in Zucker Rats. <i>FASEB Journal</i> , 2008 , 22, 947.7 | 0.9 | |
| 12 | Translational Traits of a Swine Model of CKD: Inflammation. <i>FASEB Journal</i> , 2018 , 32, 851.10 | 0.9 | |
| 11 | A Boolean Model of Microvascular Rarefaction to Predict Renal Outcomes in Renovascular Disease. <i>FASEB Journal</i> , 2018 , 32, 851.6 | 0.9 | |
| 10 | VEGF Therapy Shifts Macrophage Phenotype and Improves Renal Recovery in Chronic Kidney Disease. <i>FASEB Journal</i> , 2019 , 33, 863.12 | 0.9 | |
| 9 | Bioengineered VEGF Therapy Following Angioplasty in Renovascular Disease: More and Better Microvessels. <i>FASEB Journal</i> , 2019 , 33, 863.4 | 0.9 | |
| 8 | DETERMINING THE EFFECTS OF PRO-ANGIOGENIC ELP-VEGF THERAPY ON TUMOR GROWTH AND PROGRESSION. <i>FASEB Journal</i> , 2020 , 34, 1-1 | 0.9 | |
| 7 | Systemic Administration of a Biopolymer-delivered VEGF Improved Renal Hemodynamics and Microvascular Rarefaction in Renal Artery Stenosis. <i>FASEB Journal</i> , 2015 , 29, 808.17 | 0.9 | |

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| 6 | Potential Mechanisms of Renoprotection in the Stenotic Kidney After Endothelin-type A Receptor Antagonism: Podocytes, VEGF and sFlt-1. <i>FASEB Journal</i> , 2015 , 29, 664.2 | 0.9 |
| 5 | A Kidney-targeted Protein Biopolymer Drug Delivery System. <i>FASEB Journal</i> , 2015 , 29, 967.5 | 0.9 |
| 4 | Microvascular rarefaction precedes the decline in renal function in the streptozotocin (STZ)-induced diabetic rat. <i>FASEB Journal</i> , 2010 , 24, 812.3 | 0.9 |
| 3 | Treatment with C-peptide slows the progression of diabetic renal disease in the streptozotocin (STZ)-induced diabetic rat. <i>FASEB Journal</i> , 2011 , 25, 664.2 | 0.9 |
| 2 | MO049A NOVEL BIOPOLYMER-DELIVERED VEGF FOR THERAPEUTIC ANGIOGENESIS IN RENOVASCULAR DISEASE: TARGETING THE KIDNEY VIA SYSTEMIC ADMINISTRATION. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i50-i50 | 4.3 |
| 1 | SaO031 THERAPEUTIC ANGIOGENESIS PROMOTES RENAL RECOVERY IN CKD PARTLY BY SHIFTING MACROPHAGE PHENOTYPE. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i328-i328 | 4.3 |