

Vipul C Chitalia

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,500
citations

201674

27
h-index

223800

46
g-index

75
all docs

75
docs citations

75
times ranked

4297
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Intravenous sodium thiosulphate for vascular calcification of hemodialysis patients—a systematic review and meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2023, 38, 733-745. | 0.7 | 6 |
| 2 | Understudied factors in drug-coated balloon design and evaluation: A biophysical perspective. <i>Bioengineering and Translational Medicine</i> , 2023, 8, . | 7.1 | 6 |
| 3 | Tryptophan metabolites suppress the Wnt pathway and promote adverse limb events in chronic kidney disease. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 8.2 | 23 |
| 4 | Extracellular vimentin is an attachment factor that facilitates SARS-CoV-2 entry into human endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 7.1 | 75 |
| 5 | Janus Kinase Signaling Pathway and Its Role in COVID-19 Inflammatory, Vascular, and Thrombotic Manifestations. <i>Cells</i> , 2022, 11, 306. | 4.1 | 15 |
| 6 | Pharmacologic Manipulation of Late SV40 Factor Suppresses Wnt Signaling and Inhibits Growth of Allogeneic and Syngeneic Colon Cancer Xenografts. <i>American Journal of Pathology</i> , 2022, 192, 1167-1185. | 3.8 | 2 |
| 7 | Transmembrane and Immunoglobulin Domain Containing 1, a Putative Tumor Suppressor, Induces G2/M Cell Cycle Checkpoint Arrest in Colon Cancer Cells. <i>American Journal of Pathology</i> , 2021, 191, 157-167. | 3.8 | 13 |
| 8 | Uraemic solutes as therapeutic targets in CKD-associated cardiovascular disease. <i>Nature Reviews Nephrology</i> , 2021, 17, 402-416. | 9.6 | 51 |
| 9 | CD209L/L-SIGN and CD209/DC-SIGN Act as Receptors for SARS-CoV-2. <i>ACS Central Science</i> , 2021, 7, 1156-1165. | 11.3 | 165 |
| 10 | End-stage kidney disease and COVID-19 in an urban safety-net hospital in Boston, Massachusetts. <i>PLoS ONE</i> , 2021, 16, e0252679. | 2.5 | 4 |
| 11 | SARS-CoV-2 Disrupts Proximal Elements in the JAK-STAT Pathway. <i>Journal of Virology</i> , 2021, 95, e0086221. | 3.4 | 58 |
| 12 | Indoleamine 2,3-dioxygenase-1, a Novel Therapeutic Target for Post-Vascular Injury Thrombosis in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2834-2850. | 6.1 | 6 |
| 13 | Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease. <i>Kidney International</i> , 2020, 97, 538-550. | 5.2 | 16 |
| 14 | Black Patients Experience Highest Rates of Cancer-associated Venous Thromboembolism. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2020, 43, 94-100. | 1.3 | 16 |
| 15 | Molecular Mechanisms Underlying the Cardiovascular Toxicity of Specific Uremic Solutes. <i>Cells</i> , 2020, 9, 2024. | 4.1 | 14 |
| 16 | Loss of MINAR2 impairs motor function and causes Parkinson's disease-like symptoms in mice. <i>Brain Communications</i> , 2020, 2, fcaa047. | 3.3 | 6 |
| 17 | Advances in BK Virus Complications in Organ Transplantation and Beyond. <i>Kidney Medicine</i> , 2020, 2, 771-786. | 2.0 | 24 |
| 18 | A painful lesson from the COVID-19 pandemic: the need for broad-spectrum, host-directed antivirals. <i>Journal of Translational Medicine</i> , 2020, 18, 390. | 4.4 | 64 |

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|----|--|-----|-----------|
| 19 | Platelet Dysfunction and Thrombosis in JAK2 ^{V617F} -Mutated Primary Myelofibrotic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e262-e272. | 2.4 | 31 |
| 20 | Hyperthrombotic Milieu in COVID-19 Patients. <i>Cells</i> , 2020, 9, 2392. | 4.1 | 27 |
| 21 | Haploinsufficiency of Casitas B-Lineage Lymphoma Augments the Progression of Colon Cancer in the Background of Adenomatous Polyposis Coli Inactivation. <i>American Journal of Pathology</i> , 2020, 190, 602-613. | 3.8 | 8 |
| 22 | Novel lysyl oxidase inhibitors attenuate hallmarks of primary myelofibrosis in mice. <i>International Journal of Hematology</i> , 2019, 110, 699-708. | 1.6 | 29 |
| 23 | Emerging Factors Implicated in Fibrotic Organâ€Associated Thrombosis: The Case of Two Organs. <i>TH Open</i> , 2019, 03, e165-e170. | 1.4 | 3 |
| 24 | c-Cbl: An Important Regulator and a Target in Angiogenesis and Tumorigenesis. <i>Cells</i> , 2019, 8, 498. | 4.1 | 41 |
| 25 | Monoclonal IgG4/2 ^{Î±} Deposition Following Eculizumab Therapy for Recurrent Atypical Hemolytic Uremic Syndrome in Kidney Transplantation. <i>Kidney Medicine</i> , 2019, 1, 139-143. | 2.0 | 0 |
| 26 | Towards minimally-invasive, quantitative assessment of chronic kidney disease using optical spectroscopy. <i>Scientific Reports</i> , 2019, 9, 7168. | 3.3 | 4 |
| 27 | Intrinsic coating morphology modulates acute drug transfer in drug-coated balloon therapy. <i>Scientific Reports</i> , 2019, 9, 6839. | 3.3 | 13 |
| 28 | Segmentation of Glomeruli Within Trichrome Images Using Deep Learning. <i>Kidney International Reports</i> , 2019, 4, 955-962. | 0.8 | 126 |
| 29 | Unique aspects of peripheral artery disease in patients with chronic kidney disease. <i>Vascular Medicine</i> , 2019, 24, 251-260. | 1.5 | 33 |
| 30 | Metabolites in a mouse cancer model enhance venous thrombogenicity through the aryl hydrocarbon receptorâ€tissue factor axis. <i>Blood</i> , 2019, 134, 2399-2413. | 1.4 | 28 |
| 31 | c-Cbl targets PD-1 in immune cells for proteasomal degradation and modulates colorectal tumor growth. <i>Scientific Reports</i> , 2019, 9, 20257. | 3.3 | 40 |
| 32 | Determinants of Hemodialysis Performance: Modeling Fluid and Solute Transport in Hollow-Fiber Dialyzers. <i>Regenerative Engineering and Translational Medicine</i> , 2019, 7, 291-300. | 2.9 | 5 |
| 33 | Association of Pathological Fibrosis With Renal Survival Using Deep Neural Networks. <i>Kidney International Reports</i> , 2018, 3, 464-475. | 0.8 | 114 |
| 34 | Uremic Solute-Aryl Hydrocarbon Receptor-Tissue Factor Axis Associates with Thrombosis after Vascular Injury in Humans. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1063-1072. | 6.1 | 76 |
| 35 | Hepatitis C virus infection in kidney transplantationâ€changing paradigms with novel agents. <i>Hemodialysis International</i> , 2018, 22, S53-S60. | 0.9 | 4 |
| 36 | Concurrent Presentation of Thrombotic Thrombocytopenic Purpura and Membranous Nephropathy. <i>Kidney International Reports</i> , 2018, 3, 476-481. | 0.8 | 3 |

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|----|---|------|-----------|
| 37 | c-Cbl Expression Correlates with Human Colorectal Cancer Survival and Its Wnt/ β^2 -Catenin Suppressor Function Is Regulated by Tyr371 Phosphorylation. American Journal of Pathology, 2018, 188, 1921-1933. | 3.8 | 25 |
| 38 | Newly Identified Metabolites Connect Colon Cancer to Thrombosis. Blood, 2018, 132, 78-78. | 1.4 | 2 |
| 39 | Racial differences in colorectal cancer survival at a safety net hospital. Cancer Epidemiology, 2017, 49, 30-37. | 1.9 | 11 |
| 40 | Thrombotic Microangiopathy: A Multidisciplinary Team Approach. American Journal of Kidney Diseases, 2017, 70, 715-721. | 1.9 | 20 |
| 41 | Targeting STUB1 "tissue factor axis normalizes hyperthrombotic uremic phenotype without increasing bleeding risk. Science Translational Medicine, 2017, 9, . | 12.4 | 38 |
| 42 | Upregulation of lysyl oxidase and adhesion to collagen of human megakaryocytes and platelets in primary myelofibrosis. Blood, 2017, 130, 829-831. | 1.4 | 30 |
| 43 | Matrix-Embedded Cells: Matrix-Embedded Endothelial Cells Attain a Progenitor-Like Phenotype (Adv.) Tj ETQq, 1 0.784314 rgBT (C) | 3.0 | 4 |
| 44 | Matrix-Embedded Endothelial Cells Attain a Progenitor-Like Phenotype. Advanced Biology, 2017, 1, 1700057. | 3.0 | 4 |
| 45 | A mass spectrometric method for quantification of tryptophan-derived uremic solutes in human serum. Journal of Biological Methods, 2017, 4, e75. | 0.6 | 16 |
| 46 | c-Cbl expression as a novel predictive marker of survival in patients with metastatic colorectal cancer.. Journal of Clinical Oncology, 2017, 35, e15090-e15090. | 1.6 | 0 |
| 47 | The Aryl Hydrocarbon Receptor is a Critical Regulator of Tissue Factor Stability and an Antithrombotic Target in Uremia. Journal of the American Society of Nephrology: JASN, 2016, 27, 189-201. | 6.1 | 88 |
| 48 | c-Cbl mediates the degradation of tumorigenic nuclear β^2 -catenin contributing to the heterogeneity in Wnt activity in colorectal tumors. Oncotarget, 2016, 7, 71136-71150. | 1.8 | 25 |
| 49 | Clinical factors and the role of Wnt regulators in racial disparity of metastatic colorectal cancer survival.. Journal of Clinical Oncology, 2016, 34, 6551-6551. | 1.6 | 0 |
| 50 | TMIGD1 Is a Novel Adhesion Molecule That Protects Epithelial Cells from Oxidative Cell Injury. American Journal of Pathology, 2015, 185, 2757-2767. | 3.8 | 31 |
| 51 | Thrombosis in the Uremic Milieu "Emerging Role of "Thrombolome". Seminars in Dialysis, 2015, 28, 198-205. | 1.3 | 36 |
| 52 | Hypoxia-induced expression of phosphocyanin-like 3 regulates expression of VEGFR-2 and promotes angiogenesis. Angiogenesis, 2015, 18, 449-462. | 7.2 | 42 |
| 53 | The c-Cbl Ubiquitin Ligase Regulates Nuclear β^2 -Catenin and Angiogenesis by Its Tyrosine Phosphorylation Mediated through the Wnt Signaling Pathway. Journal of Biological Chemistry, 2015, 290, 12537-12546. | 3.4 | 37 |
| 54 | Good-in-good-out: Diet modification in chronic kidney disease. Science Translational Medicine, 2015, 7, . | 12.4 | 0 |

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|----|--|------|-----------|
| 55 | Muscles Protect the Kidneys. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 1 |
| 56 | Inflammatory Web Catches Vessels. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 0 |
| 57 | Angiotensin Blockade—A Double-Edged Sword in Renal Failure. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 0 |
| 58 | Î±-Ketoglutarate—A New Currency of Longevity. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 1 |
| 59 | AHR: A Temple of Tolerance to Toxemia. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 0 |
| 60 | Keeping the Flow Going: FGFR1 Protects Vascular Patency by Inhibiting Occlusive Neointimal Hyperplasia. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 0 |
| 61 | A Tug of War in the Periphery. <i>Science Translational Medicine</i> , 2014, 6, . | 12.4 | 0 |
| 62 | Lysine Methylation Promotes VEGFR-2 Activation and Angiogenesis. <i>Science Signaling</i> , 2013, 6, ra104. | 3.6 | 39 |
| 63 | Dysfunctional endothelial cells directly stimulate cancer inflammation and metastasis. <i>International Journal of Cancer</i> , 2013, 133, 1334-1344. | 5.1 | 94 |
| 64 | Uremic Serum and Solutes Increase Post—Vascular Interventional Thrombotic Risk Through Altered Stability of Smooth Muscle Cell Tissue Factor. <i>Circulation</i> , 2013, 127, 365-376. | 1.6 | 113 |
| 65 | c-Cbl, a Ubiquitin E3 Ligase That Targets Active Î²-Catenin. <i>Journal of Biological Chemistry</i> , 2013, 288, 23505-23517. | 3.4 | 47 |
| 66 | Polycystin-1 regulates the stability and ubiquitination of transcription factor Jade-1. <i>Human Molecular Genetics</i> , 2012, 21, 5456-5471. | 2.9 | 17 |
| 67 | Stromal Endothelial Cells Directly Influence Cancer Progression. <i>Science Translational Medicine</i> , 2011, 3, 66ra5. | 12.4 | 145 |
| 68 | Matrix-embedded endothelial cells are protected from the uremic milieu. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3858-3865. | 0.7 | 11 |
| 69 | Smooth Muscle Cells Orchestrate the Endothelial Cell Response to Flow and Injury. <i>Circulation</i> , 2010, 121, 2192-2199. | 1.6 | 53 |
| 70 | The Role of Syndecan—1 in Arterial Mechanotransduction. <i>FASEB Journal</i> , 2010, 24, 480.1. | 0.5 | 1 |
| 71 | Jade-1 inhibits Wnt signalling by ubiquitylating Î²-catenin and mediates Wnt pathway inhibition by pVHL. <i>Nature Cell Biology</i> , 2008, 10, 1208-1216. | 10.3 | 162 |
| 72 | Role of Jade-1 in the Histone Acetyltransferase (HAT) HBO1 Complex. <i>Journal of Biological Chemistry</i> , 2008, 283, 28817-28826. | 3.4 | 58 |

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|----|--|-----|-----------|
| 73 | Jade-1, a candidate renal tumor suppressor that promotes apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11035-11040. | 7.1 | 68 |
| 74 | Predicting renal survival in primary focal glomerulosclerosis from the time of presentation. Kidney International, 1999, 56, 2236-2242. | 5.2 | 34 |