

Shreeram Akilesh

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

6,170
citations

257101

24
h-index

189595

50
g-index

60
all docs

60
docs citations

60
times ranked

9048
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | FcRn: the neonatal Fc receptor comes of age. <i>Nature Reviews Immunology</i> , 2007, 7, 715-725. | 10.6 | 1,887 |
| 2 | Regulation of B Cell Differentiation and Plasma Cell Generation by IL-21, a Novel Inducer of Blimp-1 and Bcl-6. <i>Journal of Immunology</i> , 2004, 173, 5361-5371. | 0.4 | 588 |
| 3 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972. | 9.4 | 549 |
| 4 | The MHC Class I-Like IgG Receptor Controls Perinatal IgG Transport, IgG Homeostasis, and Fate of IgG-Fc-Coupled Drugs. <i>Journal of Immunology</i> , 2003, 170, 3528-3533. | 0.4 | 408 |
| 5 | Enhanced half-life of genetically engineered human IgG1 antibodies in a humanized FcRn mouse model: potential application in humorally mediated autoimmune disease. <i>International Immunology</i> , 2006, 18, 1759-1769. | 1.8 | 281 |
| 6 | Arhgap24 inactivates Rac1 in mouse podocytes, and a mutant form is associated with familial focal segmental glomerulosclerosis. <i>Journal of Clinical Investigation</i> , 2011, 121, 4127-4137. | 3.9 | 234 |
| 7 | Podocytes use FcRn to clear IgG from the glomerular basement membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 967-972. | 3.3 | 233 |
| 8 | Neonatal FcR Expression in Bone Marrow-Derived Cells Functions to Protect Serum IgG from Catabolism. <i>Journal of Immunology</i> , 2007, 179, 4580-4588. | 0.4 | 223 |
| 9 | The MHC class I-like Fc receptor promotes humorally mediated autoimmune disease. <i>Journal of Clinical Investigation</i> , 2004, 113, 1328-1333. | 3.9 | 139 |
| 10 | Multicenter Clinicopathologic Correlation of Kidney Biopsies Performed in COVID-19 Patients Presenting With Acute Kidney Injury or Proteinuria. <i>American Journal of Kidney Diseases</i> , 2021, 77, 82-93.e1. | 2.1 | 138 |
| 11 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130. | 5.8 | 133 |
| 12 | The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. <i>Nature Communications</i> , 2020, 11, 1600. | 5.8 | 120 |
| 13 | The MHC class I-like Fc receptor promotes humorally mediated autoimmune disease. <i>Journal of Clinical Investigation</i> , 2004, 113, 1328-1333. | 3.9 | 109 |
| 14 | Rac1 Activation in Podocytes Induces Rapid Foot Process Effacement and Proteinuria. <i>Molecular and Cellular Biology</i> , 2013, 33, 4755-4764. | 1.1 | 107 |
| 15 | Isothermal Titration Calorimetry Measurements of Ni(II) and Cu(II) Binding to His, GlyGlyHis, HisGlyHis, and Bovine Serum Albumin: A Critical Evaluation. <i>Inorganic Chemistry</i> , 2000, 39, 3057-3064. | 1.9 | 105 |
| 16 | Customized Molecular Phenotyping by Quantitative Gene Expression and Pattern Recognition Analysis. <i>Genome Research</i> , 2003, 13, 1719-1727. | 2.4 | 96 |
| 17 | A 3D Human Renal Cell Carcinoma-on-a-Chip for the Study of Tumor Angiogenesis. <i>Neoplasia</i> , 2018, 20, 610-620. | 2.3 | 78 |
| 18 | COVID-19 Vasculopathy: Mounting Evidence for an Indirect Mechanism of Endothelial Injury. <i>American Journal of Pathology</i> , 2021, 191, 1374-1384. | 1.9 | 78 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Metal-Binding Thermodynamics of the Histidine-Rich Sequence from the Metal-Transport Protein IRT1 of Arabidopsis thaliana. <i>Inorganic Chemistry</i> , 2006, 45, 8500-8508. | 1.9 | 73 |
| 20 | An ITAM-signaling pathway controls cross-presentation of particulate but not soluble antigens in dendritic cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2889-2897. | 4.2 | 65 |
| 21 | B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. <i>JCI Insight</i> , 2017, 2, . | 2.3 | 48 |
| 22 | Fibrillary Glomerulonephritis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1741-1750. | 2.2 | 43 |
| 23 | Quantitative Gene Expression Profiling Implicates Genes for Susceptibility and Resistance to Alveolar Bone Loss. <i>Infection and Immunity</i> , 2004, 72, 4471-4479. | 1.0 | 34 |
| 24 | Monoclonal antibodies directed against human FcRn and their applications. <i>MAbs</i> , 2012, 4, 208-216. | 2.6 | 33 |
| 25 | Kidney disease genetic risk variants alter lysosomal beta-mannosidase (<i>MANBA</i>) expression and disease severity. <i>Science Translational Medicine</i> , 2021, 13, . | 5.8 | 30 |
| 26 | Integrated Functional Genomic Analysis Enables Annotation of Kidney Genome-Wide Association Study Loci. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 421-441. | 3.0 | 27 |
| 27 | Characterizing Viral Infection by Electron Microscopy. <i>American Journal of Pathology</i> , 2021, 191, 222-227. | 1.9 | 27 |
| 28 | Integrated epigenomic profiling reveals endogenous retrovirus reactivation in renal cell carcinoma. <i>EBioMedicine</i> , 2019, 41, 427-442. | 2.7 | 26 |
| 29 | Global transcriptomic changes occur in aged mouse podocytes. <i>Kidney International</i> , 2020, 98, 1160-1173. | 2.6 | 23 |
| 30 | PaintSHOP enables the interactive design of transcriptome- and genome-scale oligonucleotide FISH experiments. <i>Nature Methods</i> , 2021, 18, 937-944. | 9.0 | 22 |
| 31 | Combined crystalline podocytopathy and tubulopathy associated with multiple myeloma. <i>Human Pathology</i> , 2014, 45, 875-879. | 1.1 | 21 |
| 32 | Expression profiles of podocytes exposed to high glucose reveal new insights into early diabetic glomerulopathy. <i>Laboratory Investigation</i> , 2011, 91, 488-498. | 1.7 | 18 |
| 33 | Am I a coronavirus?. <i>Kidney International</i> , 2020, 98, 506-507. | 2.6 | 18 |
| 34 | Cutting Edge: BCAP Promotes Lupus-like Disease and TLR-Mediated Type I IFN Induction in Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2019, 202, 2529-2534. | 0.4 | 17 |
| 35 | Chronic Ifosfamide Toxicity: Kidney Pathology and Pathophysiology. <i>American Journal of Kidney Diseases</i> , 2014, 63, 843-850. | 2.1 | 16 |
| 36 | Digital spatial profiling of collapsing glomerulopathy. <i>Kidney International</i> , 2022, 101, 1017-1026. | 2.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Pseudotumor of the Tracheal-Laryngeal Junction with Unusual Morphologic Features Caused by Rhodococcus equi Infection. Head and Neck Pathology, 2011, 5, 395-400. | 1.3 | 13 |
| 38 | Genome-wide studies reveal factors associated with circulating uromodulin and its relationships to complex diseases. JCI Insight, 2022, 7, . | 2.3 | 12 |
| 39 | Pathogenesis of coronavirus disease 2019-associated kidney injury. Current Opinion in Nephrology and Hypertension, 2021, 30, 324-331. | 1.0 | 11 |
| 40 | Cross-Platform DNA Encoding for Single-Cell Imaging of Gene Expression. Angewandte Chemie - International Edition, 2016, 55, 8975-8978. | 7.2 | 10 |
| 41 | IgA-dominant glomerulonephritis with a membranoproliferative pattern of injury. Human Pathology, 2018, 81, 272-280. | 1.1 | 10 |
| 42 | Serum Protein Exposure Activates a Core Regulatory Program Driving Human Proximal Tubule Injury. Journal of the American Society of Nephrology: JASN, 2022, 33, 949-965. | 3.0 | 10 |
| 43 | Basic science meets clinical medicine: identification of a CD2AP-deficient patient. Kidney International, 2007, 72, 1181-1183. | 2.6 | 8 |
| 44 | Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173. | 5.8 | 8 |
| 45 | Donor-derived acute promyelocytic leukemia presenting as myeloid sarcoma in a transplanted kidney. Leukemia, 2020, 34, 2776-2779. | 3.3 | 5 |
| 46 | Efficient Chromosomal Mapping of a Methylcholanthrene- Induced Tumor Antigen by CTL Immunoselection. Journal of Immunology, 2001, 167, 5143-5149. | 0.4 | 3 |
| 47 | Metal-Binding Thermodynamics of the Histidine-Rich Sequence from the Metal-Transport Protein IRT1 of Arabidopsis thaliana.. Inorganic Chemistry, 2006, 45, 8812-8812. | 1.9 | 3 |
| 48 | Infectious Pseudotumors: Red Herrings in Head and Neck Pathology. Head and Neck Pathology, 2012, 6, 58-63. | 1.3 | 3 |
| 49 | Antineutrophil cytoplasmic antibody mediated glomerulonephritis associated with levamisole-adulterated cocaine. Clinical Nephrology Case Studies, 2014, 3, 37-41. | 0.3 | 3 |
| 50 | A Diverse Spectrum of Immune Complex- and Complement-Mediated Kidney Diseases Is Associated With Mantle Cell Lymphoma. Kidney International Reports, 2022, 7, 568-579. | 0.4 | 3 |
| 51 | Acute renal allograft thrombosis in 'seronegative' antiphospholipid syndrome. CKJ: Clinical Kidney Journal, 2009, 2, 181-182. | 1.4 | 0 |
| 52 | Cross-Platform DNA Encoding for Single-Cell Imaging of Gene Expression. Angewandte Chemie, 2016, 128, 9121-9124. | 1.6 | 0 |
| 53 | Early Transplant Arteriopathy in Kidney Transplantation. Transplantation Proceedings, 2021, 53, 1554-1561. | 0.3 | 0 |
| 54 | FC043: Calibration of GTEX Samples using Curated Primary Human Kidney Tissues Improves Identification of Medulla-Specific Gene Expression Patterns. Nephrology Dialysis Transplantation, 2022, 37, . | 0.4 | 0 |