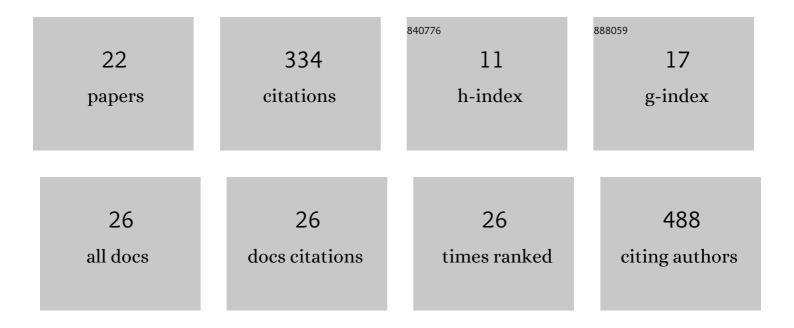
Ashish Kumar Solanki

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4810052/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mitochondrial biogenesis induced by the \hat{l}^22 -adrenergic receptor agonist formoterol accelerates podocyte recovery from glomerular injury. Kidney International, 2019, 96, 656-673. | 5.2 | 44 |
| 2 | Structural Analysis of the Myo1c and Neph1 Complex Provides Insight into the Intracellular Movement of Neph1. Molecular and Cellular Biology, 2016, 36, 1639-1654. | 2.3 | 34 |
| 3 | Evidence on How a Conserved Glycine in the Hinge Region of HapR Regulates Its DNA Binding Ability. Journal of Biological Chemistry, 2011, 286, 15043-15049. | 3.4 | 30 |
| 4 | Mutations in KIRREL1, a slit diaphragm component, cause steroid-resistant nephrotic syndrome. Kidney International, 2019, 96, 883-889. | 5.2 | 23 |
| 5 | A Novel CLCN5 Mutation Associated WithÂFocal Segmental Glomerulosclerosis andÂPodocyte Injury. Kidney International Reports, 2018, 3, 1443-1453. | 0.8 | 22 |
| 6 | Global structure of HIV-1 neutralizing antibody IgG1 b12 is asymmetric. Biochemical and Biophysical Research Communications, 2010, 391, 947-951. | 2.1 | 20 |
| 7 | The motor protein Myo1c regulates transforming growth factor-β–signaling and fibrosis in podocytes. Kidney International, 2019, 96, 139-158. | 5.2 | 20 |
| 8 | Global Shape and Ligand Binding Efficiency of the HIV-1-neutralizing Antibodies Differ from Those of Antibodies That Cannot Neutralize HIV-1. Journal of Biological Chemistry, 2014, 289, 34780-34800. | 3.4 | 19 |
| 9 | Targeting Neph1 and ZO-1 protein-protein interaction in podocytes prevents podocyte injury and preserves glomerular filtration function. Scientific Reports, 2017, 7, 12047. | 3.3 | 19 |
| 10 | Disruption of the exocyst induces podocyte loss and dysfunction. Journal of Biological Chemistry, 2019, 294, 10104-10119. | 3.4 | 17 |
| 11 | Adriamycin susceptibility among C57BL/6 substrains. Kidney International, 2016, 89, 721-723. | 5.2 | 14 |
| 12 | Development of a novel cell-based assay to diagnose recurrent focal segmental glomerulosclerosis patients. Kidney International, 2019, 95, 708-716. | 5.2 | 10 |
| 13 | A Functional Binding Domain in the Rbpr2 Receptor Is Required for Vitamin A Transport, Ocular Retinoid Homeostasis, and Photoreceptor Cell Survival in Zebrafish. Cells, 2020, 9, 1099. | 4.1 | 9 |
| 14 | Carrier protein influences immunodominance of a known epitope: Implication in peptide vaccine design. Vaccine, 2013, 31, 4682-4688. | 3.8 | 8 |
| 15 | Loss of Motor Protein MYO1C Causes Rhodopsin Mislocalization and Results in Impaired Visual Function. Cells, 2021, 10, 1322. | 4.1 | 8 |
| 16 | Visualizing the elusive open shape of G-actin in solution by SAXS data analysis. Biochemical and Biophysical Research Communications, 2013, 435, 740-744. | 2.1 | 7 |
| 17 | The Use of High-Throughput Transcriptomics to Identify Pathways with Therapeutic Significance in Podocytes. International Journal of Molecular Sciences, 2020, 21, 274. | 4.1 | 7 |
| 18 | Small molecules targeting the NADH-binding pocket of VDAC modulate mitochondrial metabolism in hepatocarcinoma cells. Biomedicine and Pharmacotherapy, 2022, 150, 112928. | 5.6 | 6 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Targeting myosin 1c inhibits murine hepatic fibrogenesis. American Journal of Physiology - Renal Physiology, 2021, 320, G1044-G1053. | 3.4 | 5 |
| 20 | SAXS data analysis and modeling of tetravalent neutralizing antibody CD4–IgG2 â^'/+ HIV-1 gp120 revealed that first two gp120 bind to the same Fab arm. Biochemical and Biophysical Research Communications, 2011, 415, 680-685. | 2.1 | 4 |
| 21 | Phosphorylation of slit diaphragm proteins NEPHRIN and NEPH1 upon binding of HGF promotes podocyte repair. Journal of Biological Chemistry, 2021, 297, 101079. | 3.4 | 4 |
| 22 | The role of motor proteins in photoreceptor protein transport and visual function. Ophthalmic Genetics, 2022, , 1-16. | 1.2 | 2 |