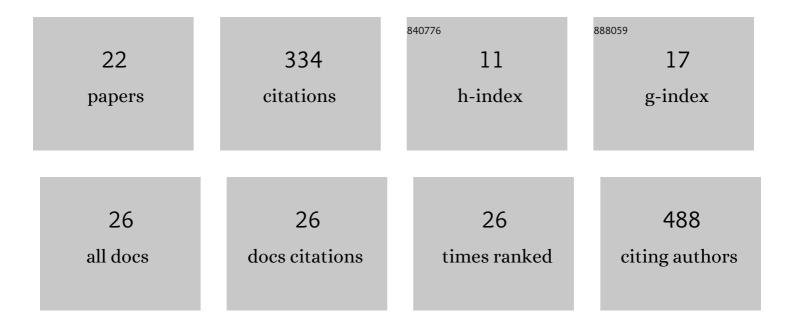
## Ashish Kumar Solanki

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