

Ashish Kumar Solanki

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

334
citations

840776

11
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial biogenesis induced by the β_2 -adrenergic receptor agonist formoterol accelerates podocyte recovery from glomerular injury. <i>Kidney International</i> , 2019, 96, 656-673.	5.2	44
2	Structural Analysis of the Myo1c and Neph1 Complex Provides Insight into the Intracellular Movement of Neph1. <i>Molecular and Cellular Biology</i> , 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. <i>Journal of Biological Chemistry</i> , 2011, 286, 15043-15049.	3.4	30
4	Mutations in KIRREL1, a slit diaphragm component, cause steroid-resistant nephrotic syndrome. <i>Kidney International</i> , 2019, 96, 883-889.	5.2	23
5	A Novel CLCN5 Mutation Associated With Focal Segmental Glomerulosclerosis and Podocyte Injury. <i>Kidney International Reports</i> , 2018, 3, 1443-1453.	0.8	22
6	Global structure of HIV-1 neutralizing antibody IgG1 b12 is asymmetric. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 947-951.	2.1	20
7	The motor protein Myo1c regulates transforming growth factor- β signaling and fibrosis in podocytes. <i>Kidney International</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Scientific Reports</i> , 2017, 7, 12047.	3.3	19
10	Disruption of the exocyst induces podocyte loss and dysfunction. <i>Journal of Biological Chemistry</i> , 2019, 294, 10104-10119.	3.4	17
11	Adriamycin susceptibility among C57BL/6 substrains. <i>Kidney International</i> , 2016, 89, 721-723.	5.2	14
12	Development of a novel cell-based assay to diagnose recurrent focal segmental glomerulosclerosis patients. <i>Kidney International</i> , 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. <i>Cells</i> , 2020, 9, 1099.	4.1	9
14	Carrier protein influences immunodominance of a known epitope: Implication in peptide vaccine design. <i>Vaccine</i> , 2013, 31, 4682-4688.	3.8	8
15	Loss of Motor Protein MYO1C Causes Rhodopsin Mislocalization and Results in Impaired Visual Function. <i>Cells</i> , 2021, 10, 1322.	4.1	8
16	Visualizing the elusive open shape of G-actin in solution by SAXS data analysis. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 740-744.	2.1	7
17	The Use of High-Throughput Transcriptomics to Identify Pathways with Therapeutic Significance in Podocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 274.	4.1	7
18	Small molecules targeting the NADH-binding pocket of VDAC modulate mitochondrial metabolism in hepatocarcinoma cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112928.	5.6	6

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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 CD4â€“IgG2 âˆ“/+ 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