

Anil V Nair

List of Publications by Year in descending order

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25
papers

1,021
citations

567281

15
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1634
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomes of major renal collecting duct cell types in mouse identified by single-cell RNA-seq. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9989-E9998.	7.1	198
2	Adaptive evolution of virulence and persistence in carbapenem-resistant <i>Klebsiella pneumoniae</i> . Nature Medicine, 2020, 26, 705-711.	30.7	148
3	Investigating the pharmacodynamic durability of GalNAc-siRNA conjugates. Nucleic Acids Research, 2020, 48, 11827-11844.	14.5	137
4	Loss of insulin-induced activation of TRPM6 magnesium channels results in impaired glucose tolerance during pregnancy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11324-11329.	7.1	122
5	Characterizing the Interactions of Organic Nanoparticles with Renal Epithelial Cells <i>in Vivo</i> . ACS Nano, 2015, 9, 3641-3653.	14.6	54
6	Functional Analysis of the Kv1.1 N255D Mutation Associated with Autosomal Dominant Hypomagnesemia. Journal of Biological Chemistry, 2010, 285, 171-178.	3.4	50
7	EGF Receptor Inhibition by Erlotinib Increases Aquaporin 2-Mediated Renal Water Reabsorption. Journal of the American Society of Nephrology: JASN, 2016, 27, 3105-3116.	6.1	44
8	The Epithelial Calcium Channel TRPV5 Is Regulated Differentially by Klotho and Sialidase. Journal of Biological Chemistry, 2013, 288, 29238-29246.	3.4	42
9	Region-specific transcriptomic and functional signatures of mononuclear phagocytes in the epididymis. Molecular Human Reproduction, 2020, 26, 14-29.	2.8	33
10	Ablation of Hepatocyte Smad1, Smad5, and Smad8 Causes Severe Tissue Iron Loading and Liver Fibrosis in Mice. Hepatology, 2019, 70, 1986-2002.	7.3	26
11	Structural basis of gating of CNG channels. FEBS Letters, 2005, 579, 1968-1972.	2.8	24
12	Extracellular Adenosine Stimulates Vacuolar ATPase-Dependent Proton Secretion in Medullary Intercalated Cells. Journal of the American Society of Nephrology: JASN, 2018, 29, 545-556.	6.1	22
13	Regulation of Mg ²⁺ Reabsorption and Transient Receptor Potential Melastatin Type 6 Activity by cAMP Signaling. Journal of the American Society of Nephrology: JASN, 2016, 27, 804-813.	6.1	21
14	Locking CNGA1 Channels in the Open and Closed State. Biophysical Journal, 2006, 90, 3599-3607.	0.5	19
15	Kidney and Liver Injuries After Major Burns in Rats Are Prevented by Resolvin D2. Critical Care Medicine, 2016, 44, e241-e252.	0.9	18
16	A helix-breaking mutation in the epithelial Ca ²⁺ channel TRPV5 leads to reduced Ca ²⁺ -dependent inactivation. Cell Calcium, 2010, 48, 275-287.	2.4	13
17	Conformational rearrangements in the S6 domain and C-linker during gating in CNGA1 channels. European Biophysics Journal, 2009, 38, 993-1002.	2.2	12
18	A comparison of electrophysiological properties of the CNGA1, CNGA1tandem and CNGA1cys-free Channels. European Biophysics Journal, 2008, 37, 947-959.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Sex-dependent differences in water homeostasis in wild-type and V-ATPase B1-subunit deficient mice. PLoS ONE, 2019, 14, e0219940.	2.5	8
20	Actin-related protein 2/3 complex plays a critical role in the aquaporin-2 exocytotic pathway. American Journal of Physiology - Renal Physiology, 2021, 321, F179-F194.	2.7	6
21	Movements of native C505 during channel gating in CNGA1 channels. European Biophysics Journal, 2009, 38, 465-478.	2.2	5
22	Molecular Basis of Action of a Small-Molecule Positive Allosteric Modulator Agonist at the Type 1 Cholecystokinin Holoreceptor. Molecular Pharmacology, 2019, 95, 245-259.	2.3	5
23	Reply to Edemir: Physiological regulation and single-cell RNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E351-E352.	7.1	1
24	Erlotinib, an EGF receptor antagonist, induces aquaporin 2 (AQP2) phosphorylation and increases water reabsorption in lithium treated mice. FASEB Journal, 2015, 29, 809.16.	0.5	0
25	Neprilysin colocalizes with the V-ATPase in kidney A-type intercalated cells: possible role in urinary acidification. FASEB Journal, 2019, 33, 544.13.	0.5	0