

Anil V Nair

List of Publications by Year in descending order

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Version: 2024-02-01

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	Actin-related protein 2/3 complex plays a critical role in the aquaporin-2 exocytotic pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F179-F194.	2.7	6
2	Region-specific transcriptomic and functional signatures of mononuclear phagocytes in the epididymis. <i>Molecular Human Reproduction</i> , 2020, 26, 14-29.	2.8	33
3	Investigating the pharmacodynamic durability of GalNAc-siRNA conjugates. <i>Nucleic Acids Research</i> , 2020, 48, 11827-11844.	14.5	137
4	Adaptive evolution of virulence and persistence in carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>Nature Medicine</i> , 2020, 26, 705-711.	30.7	148
5	Sex-dependent differences in water homeostasis in wild-type and V-ATPase B1-subunit deficient mice. <i>PLoS ONE</i> , 2019, 14, e0219940.	2.5	8
6	Molecular Basis of Action of a Small-Molecule Positive Allosteric Modulator Agonist at the Type 1 Cholecystokinin Holoceptor. <i>Molecular Pharmacology</i> , 2019, 95, 245-259.	2.3	5
7	Ablation of Hepatocyte Smad1, Smad5, and Smad8 Causes Severe Tissue Iron Loading and Liver Fibrosis in Mice. <i>Hepatology</i> , 2019, 70, 1986-2002.	7.3	26
8	Neprilysin colocalizes with the V-ATPase in kidney A-type intercalated cells: possible role in urinary acidification. <i>FASEB Journal</i> , 2019, 33, 544.13.	0.5	0
9	Reply to Edemir: Physiological regulation and single-cell RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E351-E352.	7.1	1
10	Extracellular Adenosine Stimulates Vacuolar ATPase-Dependent Proton Secretion in Medullary Intercalated Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 545-556.	6.1	22
11	Transcriptomes of major renal collecting duct cell types in mouse identified by single-cell RNA-seq. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9989-E9998.	7.1	198
12	Kidney and Liver Injuries After Major Burns in Rats Are Prevented by Resolvin D2. <i>Critical Care Medicine</i> , 2016, 44, e241-e252.	0.9	18
13	Regulation of Mg ²⁺ Reabsorption and Transient Receptor Potential Melastatin Type 6 Activity by cAMP Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 804-813.	6.1	21
14	EGF Receptor Inhibition by Erlotinib Increases Aquaporin 2-Mediated Renal Water Reabsorption. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3105-3116.	6.1	44
15	Characterizing the Interactions of Organic Nanoparticles with Renal Epithelial Cells <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 3641-3653.	14.6	54
16	Erlotinib, an EGF receptor antagonist, induces aquaporin 2 (AQP2) phosphorylation and increases water reabsorption in lithium treated mice. <i>FASEB Journal</i> , 2015, 29, 809.16.	0.5	0
17	The Epithelial Calcium Channel TRPV5 Is Regulated Differentially by Klotho and Sialidase. <i>Journal of Biological Chemistry</i> , 2013, 288, 29238-29246.	3.4	42
18	Loss of insulin-induced activation of TRPM6 magnesium channels results in impaired glucose tolerance during pregnancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11324-11329.	7.1	122

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19	A helix-breaking mutation in the epithelial Ca ²⁺ channel TRPV5 leads to reduced Ca ²⁺ -dependent inactivation. <i>Cell Calcium</i> , 2010, 48, 275-287.	2.4	13
20	Functional Analysis of the Kv1.1 N255D Mutation Associated with Autosomal Dominant Hypomagnesemia. <i>Journal of Biological Chemistry</i> , 2010, 285, 171-178.	3.4	50
21	Movements of native C505 during channel gating in CNGA1 channels. <i>European Biophysics Journal</i> , 2009, 38, 465-478.	2.2	5
22	Conformational rearrangements in the S6 domain and C-linker during gating in CNGA1 channels. <i>European Biophysics Journal</i> , 2009, 38, 993-1002.	2.2	12
23	A comparison of electrophysiological properties of the CNGA1, CNGA1tandem and CNGA1cys-free Channels. <i>European Biophysics Journal</i> , 2008, 37, 947-959.	2.2	8
24	Locking CNGA1 Channels in the Open and Closed State. <i>Biophysical Journal</i> , 2006, 90, 3599-3607.	0.5	19
25	Structural basis of gating of CNG channels. <i>FEBS Letters</i> , 2005, 579, 1968-1972.	2.8	24