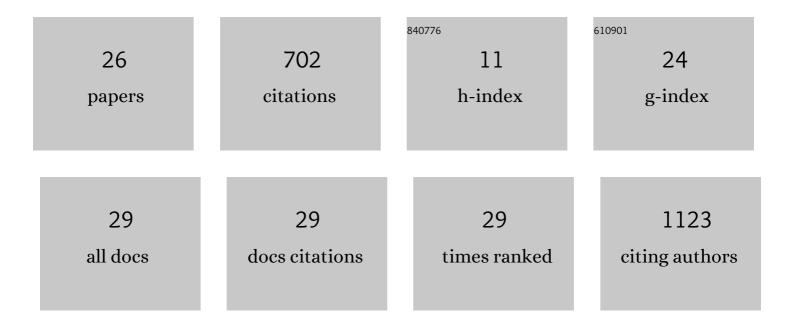
Dhasakumar Navaratnam

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	N-Terminal-Mediated Homomultimerization of Prestin, the Outer Hair Cell Motor Protein. Biophysical Journal, 2005, 89, 3345-3352.	0.5	104
2	Stroke Code Presentations, Interventions, and Outcomes Before and During the COVID-19 Pandemic. Stroke, 2020, 51, 2664-2673.	2.0	81
3	Prestin's Anion Transport and Voltage-Sensing Capabilities Are Independent. Biophysical Journal, 2009, 96, 3179-3186.	0.5	68
4	Kv3.3 Channels Bind Hax-1 and Arp2/3 to Assemble a Stable Local Actin Network that Regulates Channel Gating. Cell, 2016, 165, 434-448.	28.9	57
5	A Genetically-Encoded YFP Sensor with Enhanced Chloride Sensitivity, Photostability and Reduced pH Interference Demonstrates Augmented Transmembrane Chloride Movement by Gerbil Prestin (SLC26a5). PLoS ONE, 2014, 9, e99095.	2.5	46
6	Efferent feedback controls bilateral auditory spontaneous activity. Nature Communications, 2021, 12, 2449.	12.8	45
7	Single particle cryo-EM structure of the outer hair cell motor protein prestin. Nature Communications, 2022, 13, 290.	12.8	34
8	Ischemic Stroke, Inflammation, and Endotheliopathy in COVID-19 Patients. Stroke, 2021, 52, e233-e238.	2.0	31
9	Novel Role of the Mitochondrial Protein Fus1 in Protection from Premature Hearing Loss <i>via</i> Regulation of Oxidative Stress and Nutrient and Energy Sensing Pathways in the Inner Ear. Antioxidants and Redox Signaling, 2017, 27, 489-509.	5.4	29
10	Prestin Surface Expression and Activity Are Augmented by Interaction with MAP1S, a Microtubule-associated Protein. Journal of Biological Chemistry, 2010, 285, 20834-20843.	3.4	27
11	l² ₄ -Subunit increases Slo responsiveness to physiological Ca ²⁺ concentrations and together with l² ₁ reduces surface expression of Slo in hair cells. American Journal of Physiology - Cell Physiology, 2011, 300, C435-C446.	4.6	23
12	Prestin kinetics and corresponding frequency dependence augment during early development of the outer hair cell within the mouse organ of Corti. Scientific Reports, 2019, 9, 16460.	3.3	20
13	State dependent effects on the frequency response of prestin's real and imaginary components of nonlinear capacitance. Scientific Reports, 2021, 11, 16149.	3.3	16
14	Current carried by the Slc26 family member prestin does not flow through the transporter pathway. Scientific Reports, 2017, 7, 46619.	3.3	14
15	Prestin: Molecular Mechanisms Underlying Outer Hair Cell Electromotility. Springer Handbook of Auditory Research, 2017, , 113-145.	0.7	14
16	Real Time Measures of Prestin Charge and Fluorescence during Plasma Membrane Trafficking Reveal Sub-Tetrameric Activity. PLoS ONE, 2013, 8, e66078.	2.5	13
17	Hair cell BK channels interact with RACK1, and PKC increases its expression on the cell surface by indirect phosphorylation. American Journal of Physiology - Cell Physiology, 2012, 303, C143-C150.	4.6	12
18	Maturation of Voltage-induced Shifts in SLC26a5 (Prestin) Operating Point during Trafficking and Membrane Insertion. Neuroscience, 2020, 431, 128-133.	2.3	12

#	Article	IF	CITATIONS
19	CDK5 interacts with Slo and affects its surface expression and kinetics through direct phosphorylation. American Journal of Physiology - Cell Physiology, 2012, 302, C766-C780.	4.6	10
20	Genes related to SNPs identified by Genome-wide association studies of age-related hearing loss show restriction to specific cell types in the adult mouse cochlea. Hearing Research, 2021, 410, 108347.	2.0	10
21	Seeing the long tail: A novel green fluorescent protein, SiriusGFP, for ultra long timelapse imaging. Journal of Neuroscience Methods, 2019, 313, 68-76.	2.5	8
22	On the temperature and tension dependence of the outer hair cell lateral membrane conductance G metL and its relation to prestin. Pflugers Archiv European Journal of Physiology, 2006, 452, 283-289.	2.8	6
23	Teaching Video NeuroImages: Vestibulo-ocular reflex defect in cerebellar stroke. Neurology, 2018, 91, e888-e889.	1.1	6
24	Calciumâ€induced calcium release in proximity to hair cell BK channels revealed by PKA activation. Physiological Reports, 2020, 8, e14449.	1.7	6
25	Pilot MRI-based strategies to improve the detection of stroke in patients with dizziness/vertigo. Clinical Imaging, 2022, 82, 234-236.	1.5	4
26	Evaluating Prestin's Changing Biophysical Attributes in Development Using a Tet-Induced Cell Line. , 2011, , .		1