

Dhasakumar Navaratnam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4996327/publications.pdf>

Version: 2024-02-01

26
papers

702
citations

840776

11
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot MRI-based strategies to improve the detection of stroke in patients with dizziness/vertigo. <i>Clinical Imaging</i> , 2022, 82, 234-236.	1.5	4
2	Single particle cryo-EM structure of the outer hair cell motor protein prestin. <i>Nature Communications</i> , 2022, 13, 290.	12.8	34
3	Efferent feedback controls bilateral auditory spontaneous activity. <i>Nature Communications</i> , 2021, 12, 2449.	12.8	45
4	Ischemic Stroke, Inflammation, and Endotheliopathy in COVID-19 Patients. <i>Stroke</i> , 2021, 52, e233-e238.	2.0	31
5	State dependent effects on the frequency response of prestin's real and imaginary components of nonlinear capacitance. <i>Scientific Reports</i> , 2021, 11, 16149.	3.3	16
6	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. <i>Hearing Research</i> , 2021, 410, 108347.	2.0	10
7	Stroke Code Presentations, Interventions, and Outcomes Before and During the COVID-19 Pandemic. <i>Stroke</i> , 2020, 51, 2664-2673.	2.0	81
8	Calcium-induced calcium release in proximity to hair cell BK channels revealed by PKA activation. <i>Physiological Reports</i> , 2020, 8, e14449.	1.7	6
9	Maturation of Voltage-induced Shifts in SLC26a5 (Prestin) Operating Point during Trafficking and Membrane Insertion. <i>Neuroscience</i> , 2020, 431, 128-133.	2.3	12
10	Prestin kinetics and corresponding frequency dependence augment during early development of the outer hair cell within the mouse organ of Corti. <i>Scientific Reports</i> , 2019, 9, 16460.	3.3	20
11	Seeing the long tail: A novel green fluorescent protein, SiriusGFP, for ultra long timelapse imaging. <i>Journal of Neuroscience Methods</i> , 2019, 313, 68-76.	2.5	8
12	Teaching Video Neurolmages: Vestibulo-ocular reflex defect in cerebellar stroke. <i>Neurology</i> , 2018, 91, e888-e889.	1.1	6
13	Novel Role of the Mitochondrial Protein Fus1 in Protection from Premature Hearing Loss via Regulation of Oxidative Stress and Nutrient and Energy Sensing Pathways in the Inner Ear. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 489-509.	5.4	29
14	Current carried by the Slc26 family member prestin does not flow through the transporter pathway. <i>Scientific Reports</i> , 2017, 7, 46619.	3.3	14
15	Prestin: Molecular Mechanisms Underlying Outer Hair Cell Electromotility. <i>Springer Handbook of Auditory Research</i> , 2017, , 113-145.	0.7	14
16	Kv3.3 Channels Bind Hax-1 and Arp2/3 to Assemble a Stable Local Actin Network that Regulates Channel Gating. <i>Cell</i> , 2016, 165, 434-448.	28.9	57
17	A Genetically-Encoded YFP Sensor with Enhanced Chloride Sensitivity, Photostability and Reduced pH Interference Demonstrates Augmented Transmembrane Chloride Movement by Gerbil Prestin (SLC26a5). <i>PLoS ONE</i> , 2014, 9, e99095.	2.5	46
18	Real Time Measures of Prestin Charge and Fluorescence during Plasma Membrane Trafficking Reveal Sub-Tetrameric Activity. <i>PLoS ONE</i> , 2013, 8, e66078.	2.5	13

#	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	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
21	Evaluating Prestin's Changing Biophysical Attributes in Development Using a Tet-Induced Cell Line. , 2011, , .		1
22	\hat{I}^2_{4} -Subunit increases Slo responsiveness to physiological Ca^{2+} concentrations and together with \hat{I}^2_{1} reduces surface expression of Slo in hair cells. American Journal of Physiology - Cell Physiology, 2011, 300, C435-C446.	4.6	23
23	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
24	Prestin's Anion Transport and Voltage-Sensing Capabilities Are Independent. Biophysical Journal, 2009, 96, 3179-3186.	0.5	68
25	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
26	N-Terminal-Mediated Homomultimerization of Prestin, the Outer Hair Cell Motor Protein. Biophysical Journal, 2005, 89, 3345-3352.	0.5	104