Ebenezer N Yamoah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7083768/publications.pdf

Version: 2024-02-01

55 papers	1,349 citations	471371 17 h-index	395590 33 g-index
86 all docs	86 docs citations	86 times ranked	1590 citing authors

#	Article	IF	Citations
1	Disruption of protein quality control of the human ether-Ã-go-go related gene K+ channel results in profound long QT syndrome. Heart Rhythm, 2022, 19, 281-292.	0.3	7
2	Beat-to-beat dynamic regulation of intracellular pH in cardiomyocytes. IScience, 2022, 25, 103624.	1.9	4
3	Age-Related Hearing Loss: Sensory and Neural Etiology and Their Interdependence. Frontiers in Aging Neuroscience, 2022, 14, 814528.	1.7	20
4	Early Deletion of Neurod1 Alters Neuronal Lineage Potential and Diminishes Neurogenesis in the Inner Ear. Frontiers in Cell and Developmental Biology, 2022, 10, 845461.	1.8	10
5	Intrinsic mechanical sensitivity of mammalian auditory neurons as a contributor to sound-driven neural activity. ELife, 2022, 11, .	2.8	2
6	Protocol to record and quantify the intracellular pH in contracting cardiomyocytes. STAR Protocols, 2022, 3, 101301.	0.5	1
7	Cisplatin Neurotoxicity Targets Specific Subpopulations and K+ Channels in Tyrosine-Hydroxylase Positive Dorsal Root Ganglia Neurons. Frontiers in Cellular Neuroscience, 2022, 16, 853035.	1.8	4
8	Development in the Mammalian Auditory System Depends on Transcription Factors. International Journal of Molecular Sciences, 2021, 22, 4189.	1.8	39
9	Prestin amplifies cardiac motor functions. Cell Reports, 2021, 35, 109097.	2.9	17
10	Neurog1, Neurod1, and Atoh1 are essential for spiral ganglia, cochlear nuclei, and cochlear hair cell development. Faculty Reviews, 2021, 10, 47.	1.7	11
11	Developmental Changes in Peripherin-eGFP Expression in Spiral Ganglion Neurons. Frontiers in Cellular Neuroscience, 2021, 15, 678113.	1.8	18
12	Association between Cav3 channel upregulation in spiral ganglion neurons and age-dependent hearing loss. Experimental Gerontology, 2021, 151, 111429.	1.2	3
13	Clonal change of carbapenem-resistant Acinetobacter baumannii isolates in a Korean hospital. Infection, Genetics and Evolution, 2021, 93, 104935.	1.0	10
14	The role of Zur-regulated lipoprotein A in bacterial morphology, antimicrobial susceptibility, and production of outer membrane vesicles in Acinetobacter baumannii. BMC Microbiology, 2021, 21, 27.	1.3	8
15	Early Physiological and Cellular Indicators of Cisplatin-Induced Ototoxicity. JARO - Journal of the Association for Research in Otolaryngology, 2021, 22, 107-126.	0.9	11
16	Global regulator DksA modulates virulence of Acinetobacter baumannii. Virulence, 2021, 12, 2750-2763.	1.8	7
17	Protocol to assess two distinct components of the nonlinear capacitance in mouse cardiomyocytes. STAR Protocols, 2021, 2, 100891.	0.5	0
18	Sustained Loss of Bdnf Affects Peripheral but Not Central Vestibular Targets. Frontiers in Neurology, 2021, 12, 768456.	1.1	12

#	Article	IF	Citations
19	Altered Outer Hair Cell Mitochondrial and Subsurface Cisternae Connectomics Are Candidate Mechanisms for Hearing Loss in Mice. Journal of Neuroscience, 2020, 40, 8556-8572.	1.7	21
20	Suppression of inflammation and fibrosis using soluble epoxide hydrolase inhibitors enhances cardiac stem cellâ€based therapy. Stem Cells Translational Medicine, 2020, 9, 1570-1584.	1.6	12
21	Using Sox2 to alleviate the hallmarks of age-related hearing loss. Ageing Research Reviews, 2020, 59, 101042.	5.0	24
22	Cooperativity of K _v 7.4 channels confers ultrafast electromechanical sensitivity and emergent properties in cochlear outer hair cells. Science Advances, 2020, 6, eaba1104.	4.7	26
23	Different arrhythmia-associated calmodulin mutations have distinct effects on cardiac SK channel regulation. Journal of General Physiology, 2020, 152, .	0.9	7
24	Single-Cell RNA-seq Reveals Profound Alterations in Mechanosensitive Dorsal Root Ganglion Neurons with Vitamin E Deficiency. IScience, 2019, 21, 720-735.	1.9	21
25	Early functional alterations in membrane properties and neuronal degeneration are hallmarks of progressive hearing loss in NOD mice. Scientific Reports, 2019, 9, 12128.	1.6	1
26	Sodium-activated potassium channels shape peripheral auditory function and activity of the primary auditory neurons in mice. Scientific Reports, 2019, 9, 2573.	1.6	30
27	The local translation of KNa in dendritic projections of auditory neurons and the roles of KNa in the transition from hidden to overt hearing loss. Aging, 2019, 11, 11541-11564.	1.4	9
28	Coupling of SK channels, L-type Ca2+ channels, and ryanodine receptors in cardiomyocytes. Scientific Reports, 2018, 8, 4670.	1.6	30
29	Age-Dependent Up-Regulation of HCN Channels in Spiral Ganglion Neurons Coincide With Hearing Loss in Mice. Frontiers in Aging Neuroscience, 2018, 10, 353.	1.7	15
30	Otoprotective Effects of Stephania tetrandra S. Moore Herb Isolate against Acoustic Trauma. JARO - Journal of the Association for Research in Otolaryngology, 2018, 19, 653-668.	0.9	6
31	Action Potential Shortening and Impairment of Cardiac Function by Ablation of Slc26a6. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	17
32	Distinct subcellular mechanisms for the enhancement of the surface membrane expression of SK2 channel by its interacting proteins, Î±â€actinin2 and filamin A. Journal of Physiology, 2017, 595, 2271-2284.	1.3	18
33	Molecular Mechanisms and New Treatment Paradigm for Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	39
34	In Vitro Functional Assessment of Adult Spiral Ganglion Neurons (SGNs). Methods in Molecular Biology, 2016, 1427, 513-523.	0.4	7
35	Method for Dissecting the Auditory Epithelium (Basilar Papilla) in Developing Chick Embryos. Methods in Molecular Biology, 2016, 1427, 463-470.	0.4	0
36	Mechanisms of Calmodulin Regulation of Different Isoforms of Kv7.4 K+ Channels. Journal of Biological Chemistry, 2016, 291, 2499-2509.	1.6	17

#	Article	IF	Citations
37	Cellular mechanisms of mutations in Kv7.1: auditory functions in Jervell and Lange-Nielsen syndrome vs. RomanoÃ¢â‚¬â€œWard syndrome. Frontiers in Cellular Neuroscience, 2015, 9, 32.	1.8	8
38	Regulation of Gene Transcription by Voltage-gated L-type Calcium Channel, Cav1.3. Journal of Biological Chemistry, 2015, 290, 4663-4676.	1.6	44
39	Etiology of distinct membrane excitability in pre- and posthearing auditory neurons relies on activity of Cl ^{â^'} channel TMEM16A. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2575-2580.	3.3	22
40	Identification of a key residue in Kv7.1 potassium channel essential for sensing external potassium ions. Journal of General Physiology, 2015, 145, 201-212.	0.9	8
41	Functional Significance of K+ Channel Î²-Subunit KCNE3 in Auditory Neurons. Journal of Biological Chemistry, 2014, 289, 16802-16813.	1.6	16
42	Functional interaction with filamin A and intracellular Ca ²⁺ enhance the surface membrane expression of a small-conductance Ca ²⁺ -activated K ⁺ (SK2) channel. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9989-9994.	3.3	47
43	Slc26a6 functions as an electrogenic Clâ^'/HCO3â^' exchanger in cardiac myocytes. Cardiovascular Research, 2013, 100, 383-391.	1.8	15
44	Association of the Kv1 family of K⁺ channels and their functional blueprint in the properties of auditory neurons as revealed by genetic and functional analyses. Journal of Neurophysiology, 2013, 110, 1751-1764.	0.9	23
45	Cellular and Molecular Mechanisms of Autosomal Dominant Form of Progressive Hearing Loss, DFNA2. Journal of Biological Chemistry, 2011, 286, 1517-1527.	1.6	35
46	The Activity of Spontaneous Action Potentials in Developing Hair Cells Is Regulated by Ca2+-Dependence of a Transient K+ Current. PLoS ONE, 2011, 6, e29005.	1.1	9
47	Kv7-type Channel Currents in Spiral Ganglion Neurons. Journal of Biological Chemistry, 2010, 285, 34699-34707.	1.6	52
48	A Case of Acute Myeloblastic Leukemia in a Patient with BehÃ§et's Disease. The Korean Journal of Hematology, 2009, 44, 144.	0.7	0
49	Effects of Strontium on the Permeation and Gating Phenotype of Calcium Channels in Hair Cells. Journal of Neurophysiology, 2008, 100, 2115-2124.	0.9	13
50	Roles of Alternative Splicing in the Functional Properties of Inner Ear-specific KCNQ4 Channels*. Journal of Biological Chemistry, 2007, 282, 23899-23909.	1.6	40
51	Development and regeneration of hair cells share common functional features. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19108-19113.	3.3	52
52	Inhibition of Conditioned Stimulus Pathway Phosphoprotein 24 Expression Blocks the Reduction in A-Type Transient K+ Current Produced by One-Trial In Vitro Conditioning of Hermissenda. Journal of Neuroscience, 2005, 25, 4793-4800.	1.7	12
53	Differential Expression of KCNQ4 in Inner Hair Cells and Sensory Neurons Is the Basis of Progressive High-Frequency Hearing Loss. Journal of Neuroscience, 2005, 25, 9285-9293.	1.7	126
54	Molecular Identification and Functional Roles of a Ca2+-activated K+ Channel in Human and Mouse Hearts. Journal of Biological Chemistry, 2003, 278, 49085-49094.	1.6	242

#	Article	IF	Citations
55	Direct measurement of singleâ€channel Ca 2+ currents in bullfrog hair cells reveals two distinct channel subtypes. Journal of Physiology, 2001, 534, 669-689.	1.3	100