Lejo Johnson Chacko

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3606190/publications.pdf

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22	354	840776	888059
papers	citations	11	17
		h-index	g-index

22	22	22	514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anatomical basis of drug delivery to the inner ear. Hearing Research, 2018, 368, 10-27.	2.0	54
2	Role of BDNF and neurotrophic receptors in human inner ear development. Cell and Tissue Research, 2017, 370, 347-363.	2.9	37
3	Visualization of the Membranous Labyrinth and Nerve Fiber Pathways in Human and Animal Inner Ears Using MicroCT Imaging. Frontiers in Neuroscience, 2018, 12, 501.	2.8	30
4	Analysis of Vestibular Labyrinthine Geometry and Variation in the Human Temporal Bone. Frontiers in Neuroscience, 2018, 12, 107.	2.8	24
5	Nerve Growth Factor (NGF)â€"Receptor Survival Axis in Head and Neck Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2018, 19, 1771.	4.1	23
6	Age-Dependent Changes in the Cochlea. Gerontology, 2020, 66, 33-39.	2.8	23
7	Optimization of 3D-Visualization of Micro-Anatomical Structures of the Human Inner Ear in Osmium Tetroxide Contrast Enhanced Micro-CT Scans. Frontiers in Neuroanatomy, 2018, 12, 41.	1.7	18
8	Finite element analysis and three-dimensional reconstruction of tonotopically aligned human auditory fiber pathways: A computational environment for modeling electrical stimulation by a cochlear implant based on micro-CT. Hearing Research, 2020, 393, 108001.	2.0	18
9	Growth and cellular patterning during fetal human inner ear development studied by a correlative imaging approach. BMC Developmental Biology, 2019, 19, 11.	2.1	16
10	Dendritic Degeneration of Human Auditory Nerve Fibers and Its Impact on the Spiking Pattern Under Regular Conditions and During Cochlear Implant Stimulation. Frontiers in Neuroscience, 2020, 14, 599868.	2.8	16
11	Model-Based Vestibular Afferent Stimulation: Evaluating Selective Electrode Locations and Stimulation Waveform Shapes. Frontiers in Neuroscience, 2018, 12, 588.	2.8	13
12	Î²-Secretase BACE1 Is Required for Normal Cochlear Function. Journal of Neuroscience, 2019, 39, 9013-9027.	3.6	13
13	Neurosensory Differentiation and Innervation Patterning in the Human Fetal Vestibular End Organs between the Gestational Weeks 8â€"12. Frontiers in Neuroanatomy, 2016, 10, 111.	1.7	12
14	Model-based Vestibular Afferent Stimulation: Modular Workflow for Analyzing Stimulation Scenarios in Patient Specific and Statistical Vestibular Anatomy. Frontiers in Neuroscience, 2017, 11, 713.	2.8	12
15	Early appearance of key transcription factors influence the spatiotemporal development of the human inner ear. Cell and Tissue Research, 2020, 379, 459-471.	2.9	11
16	Transcriptome-Wide Analysis Reveals a Role for Extracellular Matrix and Integrin Receptor Genes in Otic Neurosensory Differentiation from Human iPSCs. International Journal of Molecular Sciences, 2021, 22, 10849.	4.1	9
17	Brain-Derived Neurotrophin and TrkB in Head and Neck Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2019, 20, 272.	4.1	8
18	Measurement of the Intracochlear Hypothermia Distribution Utilizing Tympanic Cavity Hypothermic Rinsing Technique in a Cochlea Hypothermia Model. Frontiers in Neurology, 2020, 11, 620691.	2.4	6

#	Article	IF	Citations
19	Drafting a Surgical Procedure Using a Computational Anatomy Driven Approach for Precise, Robust, and Safe Vestibular Neuroprosthesis Placementâ€"When One Size Does Not Fit All. Otology and Neurotology, 2019, 40, S51-S58.	1.3	5
20	Age-Dependent Calcium-Binding Protein Expression in the Spiral Ganglion and Hearing Performance of C57BL/6J and 129/SvJ Mice. Orl, 2019, 81, 138-154.	1.1	4
21	Dimensions and forms of artefacts in 1.5ÂT and 3ÂT MRI caused by cochlear implants. Scientific Reports, 2022, 12, 4884.	3.3	2
22	Track G. Neural Signal Processing. Biomedizinische Technik, 2016, 61, 48-69.	0.8	0