Alan G Cheng

List of Publications by Year
in descending order

69 papers	3,270 citations	279798 23 h-index	155660 55 g-index
69 all docs	69 docs citations	69 times ranked	2540 citing authors

#	Article	IF	Citations
1	Use of Polysomnography and <scp>CPAP</scp> in Children Who Received Adenotonsillectomy, <scp>US</scp> 2004 to 2018. Laryngoscope, 2023, 133, 184-188.	2.0	3
2	MRI Correlates of Ototoxicity in the Auditory Pathway in Children Treated for Medulloblastoma. Otology and Neurotology, 2022, 43, e97-e104.	1.3	2
3	Selection Criteria Optimal for Recovery of Inner Ear Tissues from Deceased Organ Donors. Otology and Neurotology, 2022, Publish Ahead of Print, .	1.3	3
4	Infectious Complications Following Cochlear Implant: Risk Factors, Natural History, and Management Patterns. Otolaryngology - Head and Neck Surgery, 2022, 167, 745-752.	1.9	2
5	Surgical Approach for Rapid and Minimally Traumatic Recovery of Human Inner Ear Tissues From Deceased Organ Donors. Otology and Neurotology, 2022, 43, e519-e525.	1.3	3
6	Repair of surviving hair cells in the damaged mouse utricle. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116973119.	7.1	8
7	Identifying targets to prevent aminoglycoside ototoxicity. Molecular and Cellular Neurosciences, 2022, 120, 103722.	2.2	10
8	Congenital Orocutaneous Fistula Associated With Ectopic Salivary Glands and Submandibular Gland Aplasia. Laryngoscope, 2021, 131, E998-E1001.	2.0	3
9	Opioid Prescribing Patterns Following Pediatric Tonsillectomy in the United States, 2009â€“2017. Laryngoscope, 2021, 131, E1722-E1729.	2.0	11
10	Use of Diagnostic Testing and Intervention for Sensorineural Hearing Loss in US Children From 2008 to 2018. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 253.	2.2	16
11	Opposing effects of Wnt/Î²-catenin signaling on epithelial and mesenchymal cell fate in the developing cochlea. Development (Cambridge), 2021, 148, .	2.5	4
12	Trends and Healthcare Use Following Different Cholesteatoma Surgery Types in a National Cohort, 2003â€“2019. Otology and Neurotology, 2021, 42, e1293-e1300.	1.3	2
13	Spatiotemporal dynamics of inner ear sensory and non-sensory cells revealed by single-cell transcriptomics. Cell Reports, 2021, 36, 109358.	6.4	31
14	Gpr125 Marks Distinct Cochlear Cell Types and Is Dispensable for Cochlear Development and Hearing. Frontiers in Cell and Developmental Biology, 2021, 9, 690955.	3.7	2
15	Assessment of auditory and vestibular damage in a mouse model after single and triple blast exposures. Hearing Research, 2021, 407, 108292.	2.0	6
16	Comments on Use of Diagnostic Testing and Intervention for Sensorineural Hearing Loss in US Childrenâ€”Reply. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 919.	2.2	0
17	Editorial: Epidemiology and Genetics of Vestibular Disorders. Frontiers in Neurology, 2021, 12, 743379.	2.4	1
18	Outpatient healthcare use and outcomes after pediatric tracheostomy. International Journal of Pediatric Otorhinolaryngology, 2021, 151, 110963.	1.0	5

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19	Lineage-tracing and translatomic analysis of damage-inducible mitotic cochlear progenitors identifies candidate genes regulating regeneration. PLoS Biology, 2021, 19, e3001445.	5.6	12
20	International Pediatric Otolaryngology Group (IPOG) Consensus Recommendations: Congenital Cholesteatoma. Otology and Neurotology, 2020, 41, 345-351.	1.3	13
21	Congenital Hearing Loss Is Associated With a High Incidence of Central Nervous System Abnormalities. Otology and Neurotology, 2020, 41, 1397-1405.	1.3	2
22	Dual regulation of planar polarization by secreted Wnts and Vangl2 in the developing mouse cochlea. Development (Cambridge), 2020, 147, .	2.5	11
23	Dissociating antibacterial from ototoxic effects of gentamicin C-subtypes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32423-32432.	7.1	29
24	Advances in Inner Ear Therapeutics for Hearing Loss in Children. Current Otorhinolaryngology Reports, 2020, 8, 285-294.	0.5	1
25	Cerebral volume and diffusion MRI changes in children with sensorineural hearing loss. NeuroImage: Clinical, 2020, 27, 102328.	2.7	7
26	Atoh1 Directs Regeneration and Functional Recovery of the Mature Mouse Vestibular System. Cell Reports, 2019, 28, 312-324.e4.	6.4	55
27	Uncoordinated maturation of developing and regenerating postnatal mammalian vestibular hair cells. PLoS Biology, 2019, 17, e3000326.	5.6	26
28	Î²-Catenin is required for radial cell patterning and identity in the developing mouse cochlea. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21054-21060.	7.1	24
29	Direct cellular reprogramming and inner ear regeneration. Expert Opinion on Biological Therapy, 2019, 19, 129-139.	3.1	17
30	Mind Your Ears: A New Antidote to Aminoglycoside Toxicity?. Journal of Medicinal Chemistry, 2018, 61, 81-83.	6.4	7
31	Basilar membrane vibration after targeted removal of the third row of OHCs and Deiters cells. AIP Conference Proceedings, 2018, , .	0.4	4
32	Molecular therapy for genetic and degenerative vestibular disorders. Current Opinion in Otolaryngology and Head and Neck Surgery, 2018, 26, 307-311.	1.8	10
33	Aminoglycoside ribosome interactions reveal novel conformational states at ambient temperature. Nucleic Acids Research, 2018, 46, 9793-9804.	14.5	15
34	Sox2 haploinsufficiency primes regeneration and Wnt responsiveness in the mouse cochlea. Journal of Clinical Investigation, 2018, 128, 1641-1656.	8.2	58
35	Towards the Prevention of Aminoglycoside-Related Hearing Loss. Frontiers in Cellular Neuroscience, 2017, 11, 325.	3.7	69
36	Non-invasive electromechanical activation imaging as a tool to study left ventricular dyssynchronous patients: Implication for CRT therapy. Journal of Electrocardiology, 2016, 49, 375-382.	0.9	11

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37	Profiling Specific Inner Ear Cell Types Using Cell Sorting Techniques. Methods in Molecular Biology, 2016, 1427, 431-445.	0.9	0
38	Designer aminoglycosides prevent cochlear hair cell loss and hearing loss. Journal of Clinical Investigation, 2015, 125, 583-592.	8.2	69
39	Protein-Engineered Hydrogel Encapsulation for 3-D Culture of Murine Cochlea. Otology and Neurotology, 2015, 36, 531-538.	1.3	12
40	Making sense of Wnt signalingâ€"linking hair cell regeneration to development. Frontiers in Cellular Neuroscience, 2015, 9, 66.	3.7	71
41	Sensory hair cell development and regeneration: similarities and differences. Development (Cambridge), 2015, 142, 1561-1571.	2.5	153
42	Lgr5+ cells regenerate hair cells via proliferation and direct transdifferentiation in damaged neonatal mouse utricle. Nature Communications, 2015, 6, 6613.	12.8	179
43	Intraoperative acupuncture for posttonsillectomy pain: A randomized, doubleâ€blind, placeboâ€controlled trial. Laryngoscope, 2015, 125, 1972-1978.	2.0	41
44	Spontaneous hair cell regeneration in the neonatal mouse cochlea in vivo. Development (Cambridge), 2014, 141, 816-829.	2.5	293
45	Spontaneous hair cell regeneration in the neonatal mouse cochlea in vivo. Development (Cambridge), 2014, 141, 1599-1599.	2.5	14
46	Transient, afferent input-dependent, postnatal niche for neural progenitor cells in the cochlear nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14456-14461.	7.1	17
47	Integrity and Regeneration of Mechanotransduction Machinery Regulate Aminoglycoside Entry and Sensory Cell Death. PLoS ONE, 2013, 8, e54794.	2.5	56
48	A Simple Method for Purification of Vestibular Hair Cells and Non-Sensory Cells, and Application for Proteomic Analysis. PLoS ONE, 2013, 8, e66026.	2.5	24
49	Wnt signaling induces proliferation of sensory precursors in the postnatal mouse cochlea. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8167-8172.	7.1	286
50	Mitral annuloplasty ring dehiscence demonstrated by preablation cardiac computed tomographic angiography: Influence on radiofrequency ablation of atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2012, 6, 287-288.	1.3	3
51	Isolating LacZ-expressing Cells from Mouse Inner Ear Tissues using Flow Cytometry. Journal of Visualized Experiments, 2011, , e3432.	0.3	6
52	Pediatric giant juvenile xanthogranuloma in the parotid gland. Laryngoscope, 2011, 121, S205-S205.	2.0	0
53	Intrinsic regenerative potential of murine cochlear supporting cells. Scientific Reports, 2011, 1, 26.	3.3	104
54	Functional Hair Cell Mechanotransducer Channels Are Required for Aminoglycoside Ototoxicity. PLoS ONE, 2011, 6, e22347.	2.5	207

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55	Airway Management in Nager Syndrome. Laryngoscope, 2009, 119, S179.	2.0	0
56	Clival osteomyelitis resulting from spread of infection through the fossa navicularis magna in a child. Pediatric Radiology, 2009, 39, 995-998.	2.0	38
57	Sensorineural hearing loss in patients with cystic fibrosis. Otolaryngology - Head and Neck Surgery, 2009, 141, 86-90.	1.9	41
58	Decompression of the Orbital Apex. JAMA Otolaryngology, 2009, 135, 1015.	1.2	20
59	Airway management in Nager Syndrome. International Journal of Pediatric Otorhinolaryngology, 2008, 72, 1885-1888.	1.0	13
60	Melanoacanthoma of the external auditory canal: a case report and review of the literature. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2007, 28, 433-435.	1.3	5
61	Cerebrospinal Fluid Leak in the Neck: A Rare Complication of Glomus Vagale Excision. Otolaryngology - Head and Neck Surgery, 2006, 134, 334-335.	1.9	1
62	Mechanisms of hair cell death and protection. Current Opinion in Otolaryngology and Head and Neck Surgery, 2005, 13, 343-348.	1.8	203
63	Auramine Orange Stain With Fluorescence Microscopy is a Rapid and Sensitive Technique for the Detection of Cervical Lymphadenitis Due to Mycobacterial Infection Using Fine Needle Aspiration Cytology: A Case Series. Otolaryngology - Head and Neck Surgery, 2005, 133, 381-385.	1.9	10
64	Acyclovir responsive brain stem disease after the Ramsay Hunt syndrome. Journal of the Neurological Sciences, 2004, 217, 111-113.	0.6	17
65	Hair Cell Death in the Avian Basilar Papilla: Characterization of the in vitro Model and Caspase Activation. JARO - Journal of the Association for Research in Otolaryngology, 2003, 4, 91-105.	1.8	78
66	Neomycin-Induced Hair Cell Death and Rapid Regeneration in the Lateral Line of Zebrafish (Danio rerio) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	415
67	Caspase Activation in Hair Cells of the Mouse Utricle Exposed to Neomycin. Journal of Neuroscience, 2002, 22, 8532-8540.	3.6	151
68	Oxidative stressâ€induced apoptosis of cochlear sensory cells: otoprotective strategies. International Journal of Developmental Neuroscience, 2000, 18, 259-270.	1.6	182
69	Calpain inhibitors protect auditory sensory cells from hypoxia and neurotrophin-withdrawal induced apoptosis. Brain Research, 1999, 850, 234-243.	2.2	78