Aiden Eliot Shearer

List of Publications by Year
in descending order

48 papers	2,849 citations	257101 24 h-index	223531 46 g-index
49 all docs	49 docs citations	49 times ranked	3109 citing authors

#	Article	IF	Citations
1	Genetic Causes of Hearing Loss in a Large Cohort of Cochlear Implant Recipients. Otolaryngology - Head and Neck Surgery, 2022, 166, 734-737.	1.1	17
2	Evaluation of copy number variants for genetic hearing loss: a review of current approaches and recent findings. Human Genetics, 2022, 141, 387-400.	1.8	10
3	Pain at the Cochlear Implant Site Requiring Device Removal in Pediatric Patients. Laryngoscope, 2022, , .	1.1	1
4	Editorial to the Special Issue on â€œThe molecular genetics of hearing and deafnessâ€•. Human Genetics, 2022, 141, 305.	1.8	0
5	Benign Paroxysmal Positional Vertigo in Children and Adolescents With Concussion. Sports Health, 2021, 13, 380-386.	1.3	16
6	Peripheral Vestibular Dysfunction Is a Common Occurrence in Children With Non-syndromic and Syndromic Genetic Hearing Loss. Frontiers in Neurology, 2021, 12, 714543.	1.1	10
7	Dual-vector gene therapy restores cochlear amplification and auditory sensitivity in a mouse model of DFNB16 hearing loss. Science Advances, 2021, 7, eabi7629.	4.7	24
8	A Practical Approach to Genetic Testing for Pediatric Hearing Loss. Current Otorhinolaryngology Reports, 2020, 8, 250-258.	0.2	1
9	Auditory synaptopathy, auditory neuropathy, and cochlear implantation. Laryngoscope Investigative Otolaryngology, 2019, 4, 429-440.	0.6	70
10	A proposal for comprehensive newborn hearing screening to improve identification of deaf and hard-of-hearing children. Genetics in Medicine, 2019, 21, 2614-2630.	1.1	63
11	Massive Scalp Cylindromas Treated With Staged Resection and Split-Thickness Skin Grafting. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 766.	1.2	0
12	Adult type rhabdomyoma presenting as a parathyroid adenoma. Head and Neck, 2018, 41, E30-E33.	0.9	0
13	In Vivo Electrocochleography in Hybrid Cochlear Implant Users Implicates TMPRSS3 in Spiral Ganglion Function. Scientific Reports, 2018, 8, 14165.	1.6	25
14	Genomic Landscape and Mutational Signatures of Deafness-Associated Genes. American Journal of Human Genetics, 2018, 103, 484-497.	2.6	214
15	Comprehensive Genetic Testing for Deafness from Fresh and Archived Dried Blood Spots. Otolaryngology - Head and Neck Surgery, 2018, 159, 1058-1060.	1.1	3
16	Genetic variants in the peripheral auditory system significantly affect adult cochlear implant performance. Hearing Research, 2017, 348, 138-142.	0.9	68
17	Detection and Confirmation of Deafness-Causing Copy Number Variations in the STRC Gene by Massively Parallel Sequencing and Comparative Genomic Hybridization. Annals of Otology, Rhinology and Laryngology, 2016, 125, 918-923.	0.6	28
18	Audioprofile Surfaces. Annals of Otology, Rhinology and Laryngology, 2016, 125, 361-368.	0.6	8

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19	Comprehensive genetic testing in the clinical evaluation of 1119 patients with hearing loss. Human Genetics, 2016, 135, 441-450.	1.8	373
20	PRIMA1 mutation: a new cause of nocturnal frontal lobe epilepsy. Annals of Clinical and Translational Neurology, 2015, 2, 821-830.	1.7	21
21	Use of the Teres Major Muscle in Chimeric Subscapular System Free Flaps for Head and Neck Reconstruction. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 816.	1.2	5
22	Mutation of the nuclear lamin geneLMNB2in progressive myoclonus epilepsy with early ataxia. Human Molecular Genetics, 2015, 24, 4483-4490.	1.4	41
23	Hearing Loss Caused by a P2RX2 Mutation Identified in a MELAS Family With a Coexisting Mitochondrial 3243AG Mutation. Annals of Otology, Rhinology and Laryngology, 2015, 124, 177S-183S.	0.6	17
24	Sensorineural Hearing Loss. Otolaryngology - Head and Neck Surgery, 2015, 153, 843-850.	1.1	17
25	Massively Parallel Sequencing for Genetic Diagnosis of Hearing Loss. Otolaryngology - Head and Neck Surgery, 2015, 153, 175-182.	1.1	113
26	HOMER2, a Stereociliary Scaffolding Protein, Is Essential for Normal Hearing in Humans and Mice. PLoS Genetics, 2015, 11, e1005137.	1.5	52
27	De Novo Mutation in X-Linked Hearing Lossâ€“Associated POU3F4 in a Sporadic Case of Congenital Hearing Loss. Annals of Otology, Rhinology and Laryngology, 2015, 124, 169S-176S.	0.6	19
28	Novel PTPRQ Mutations Identified in Three Congenital Hearing Loss Patients With Various Types of Hearing Loss. Annals of Otology, Rhinology and Laryngology, 2015, 124, 184S-192S.	0.6	19
29	USH2 Caused by GPR98 Mutation Diagnosed by Massively Parallel Sequencing in Advance of the Occurrence of Visual Symptoms. Annals of Otology, Rhinology and Laryngology, 2015, 124, 123S-128S.	0.6	9
30	Challenges and solutions for gene identification in the presence of familial locus heterogeneity. European Journal of Human Genetics, 2015, 23, 1207-1215.	1.4	35
31	TBC1D24Mutation Causes Autosomal-Dominant Nonsyndromic Hearing Loss. Human Mutation, 2014, 35, 819-823.	1.1	78
32	Cordova: Web-based management of genetic variation data. Bioinformatics, 2014, 30, 3438-3439.	1.8	3
33	Copy number variants are a common cause of non-syndromic hearing loss. Genome Medicine, 2014, 6, 37.	3.6	137
34	Utilizing Ethnic-Specific Differences in Minor Allele Frequency to Recategorize Reported Pathogenic Deafness Variants. American Journal of Human Genetics, 2014, 95, 445-453.	2.6	137
35	AudioGene: Predicting Hearing Loss Genotypes from Phenotypes to Guide Genetic Screening. Human Mutation, 2013, 34, n/a-n/a.	1.1	31
36	Advancing genetic testing for deafness with genomic technology. Journal of Medical Genetics, 2013, 50, 627-634.	1.5	104

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37	Genetics. Current Opinion in Pediatrics, 2012, 24, 679-686.	1.0	89
38	Prediction of cochlear implant performance by genetic mutation: The spiral ganglion hypothesis. Hearing Research, 2012, 292, 51-58.	0.9	104
39	Deafness in the genomics era. Hearing Research, 2011, 282, 1-9.	0.9	74
40	DFNA8/12 caused by TECTA mutations is the most identified subtype of nonsyndromic autosomal dominant hearing loss. Human Mutation, 2011, 32, 825-834.	1.1	73
41	Carcinoembryonic antigen-related cell adhesion molecule 16 interacts with Î±-tectorin and is mutated in autosomal dominant hearing loss (DFNA4). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4218-4223.	3.3	123
42	A novel mutation in COCHâ€”implications for genotypeâ€“phenotype correlations in DFNA9 hearing loss. Laryngoscope, 2010, 120, 2489-2493.	1.1	20
43	Mutations in TMC1 are a Common Cause of DFNB7/11 Hearing Loss in the Iranian Population. Annals of Otology, Rhinology and Laryngology, 2010, 119, 830-835.	0.6	29
44	Comprehensive genetic testing for hereditary hearing loss using massively parallel sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21104-21109.	3.3	294
45	Frequency of Usher syndrome in two pediatric populations: Implications for genetic screening of deaf and hard of hearing children. Genetics in Medicine, 2010, 12, 512-516.	1.1	198
46	A novel splice site mutation in the RDX gene causes DFNB24 hearing loss in an Iranian family. American Journal of Medical Genetics, Part A, 2009, 149A, 555-558.	0.7	18
47	Mutations in the first MyTH4 domain of MYO15A are a common cause of DFNB3 hearing loss. Laryngoscope, 2009, 119, 727-733.	1.1	48
48	Phylogeography and monophyly of the swordtail fish species Xiphophorus birchmanni (Cyprinodontiformes, Poeciliidae). Zoologica Scripta, 2008, 37, 129-139.	0.7	8