

# Aiden Eliot Shearer

## List of Publications by Year in descending order

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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	Comprehensive genetic testing in the clinical evaluation of 1119 patients with hearing loss. <i>Human Genetics</i> , 2016, 135, 441-450.	1.8	373
2	Comprehensive genetic testing for hereditary hearing loss using massively parallel sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21104-21109.	3.3	294
3	Genomic Landscape and Mutational Signatures of Deafness-Associated Genes. <i>American Journal of Human Genetics</i> , 2018, 103, 484-497.	2.6	214
4	Frequency of Usher syndrome in two pediatric populations: Implications for genetic screening of deaf and hard of hearing children. <i>Genetics in Medicine</i> , 2010, 12, 512-516.	1.1	198
5	Copy number variants are a common cause of non-syndromic hearing loss. <i>Genome Medicine</i> , 2014, 6, 37.	3.6	137
6	Utilizing Ethnic-Specific Differences in Minor Allele Frequency to Recategorize Reported Pathogenic Deafness Variants. <i>American Journal of Human Genetics</i> , 2014, 95, 445-453.	2.6	137
7	Carcinoembryonic antigen-related cell adhesion molecule 16 interacts with $\beta$ -tectorin and is mutated in autosomal dominant hearing loss (DFNA4). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4218-4223.	3.3	123
8	Massively Parallel Sequencing for Genetic Diagnosis of Hearing Loss. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 175-182.	1.1	113
9	Prediction of cochlear implant performance by genetic mutation: The spiral ganglion hypothesis. <i>Hearing Research</i> , 2012, 292, 51-58.	0.9	104
10	Advancing genetic testing for deafness with genomic technology. <i>Journal of Medical Genetics</i> , 2013, 50, 627-634.	1.5	104
11	Genetics. <i>Current Opinion in Pediatrics</i> , 2012, 24, 679-686.	1.0	89
12	<i>TBC1D24</i> Mutation Causes Autosomal-Dominant Nonsyndromic Hearing Loss. <i>Human Mutation</i> , 2014, 35, 819-823.	1.1	78
13	Deafness in the genomics era. <i>Hearing Research</i> , 2011, 282, 1-9.	0.9	74
14	DFNA8/12 caused by TECTA mutations is the most identified subtype of nonsyndromic autosomal dominant hearing loss. <i>Human Mutation</i> , 2011, 32, 825-834.	1.1	73
15	Auditory synaptopathy, auditory neuropathy, and cochlear implantation. <i>Laryngoscope Investigative Otolaryngology</i> , 2019, 4, 429-440.	0.6	70
16	Genetic variants in the peripheral auditory system significantly affect adult cochlear implant performance. <i>Hearing Research</i> , 2017, 348, 138-142.	0.9	68
17	A proposal for comprehensive newborn hearing screening to improve identification of deaf and hard-of-hearing children. <i>Genetics in Medicine</i> , 2019, 21, 2614-2630.	1.1	63
18	HOMER2, a Stereociliary Scaffolding Protein, Is Essential for Normal Hearing in Humans and Mice. <i>PLoS Genetics</i> , 2015, 11, e1005137.	1.5	52

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19	Mutations in the first MyTH4 domain of <i>MYO15A</i> are a common cause of DFNB3 hearing loss. <i>Laryngoscope</i> , 2009, 119, 727-733.	1.1	48
20	Mutation of the nuclear lamin gene <i>LMNB2</i> in progressive myoclonus epilepsy with early ataxia. <i>Human Molecular Genetics</i> , 2015, 24, 4483-4490.	1.4	41
21	Challenges and solutions for gene identification in the presence of familial locus heterogeneity. <i>European Journal of Human Genetics</i> , 2015, 23, 1207-1215.	1.4	35
22	AudioGene: Predicting Hearing Loss Genotypes from Phenotypes to Guide Genetic Screening. <i>Human Mutation</i> , 2013, 34, n/a-n/a.	1.1	31
23	Mutations in <i>TMC1</i> are a Common Cause of DFNB7/11 Hearing Loss in the Iranian Population. <i>Annals of Otology, Rhinology and Laryngology</i> , 2010, 119, 830-835.	0.6	29
24	Detection and Confirmation of Deafness-Causing Copy Number Variations in the <i>STRC</i> Gene by Massively Parallel Sequencing and Comparative Genomic Hybridization. <i>Annals of Otology, Rhinology and Laryngology</i> , 2016, 125, 918-923.	0.6	28
25	In Vivo Electrocochleography in Hybrid Cochlear Implant Users Implicates <i>TMPRSS3</i> in Spiral Ganglion Function. <i>Scientific Reports</i> , 2018, 8, 14165.	1.6	25
26	Dual-vector gene therapy restores cochlear amplification and auditory sensitivity in a mouse model of DFNB16 hearing loss. <i>Science Advances</i> , 2021, 7, eabi7629.	4.7	24
27	<i>PRIMA1</i> mutation: a new cause of nocturnal frontal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 821-830.	1.7	21
28	A novel mutation in <i>COCH</i> —implications for genotype-phenotype correlations in DFNA9 hearing loss. <i>Laryngoscope</i> , 2010, 120, 2489-2493.	1.1	20
29	De Novo Mutation in X-Linked Hearing Loss—Associated <i>POU3F4</i> in a Sporadic Case of Congenital Hearing Loss. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 169S-176S.	0.6	19
30	Novel <i>PTPRQ</i> Mutations Identified in Three Congenital Hearing Loss Patients With Various Types of Hearing Loss. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 184S-192S.	0.6	19
31	A novel splice site mutation in the <i>RDX</i> gene causes DFNB24 hearing loss in an Iranian family. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 555-558.	0.7	18
32	Hearing Loss Caused by a <i>P2RX2</i> Mutation Identified in a MELAS Family With a Coexisting Mitochondrial 3243AG Mutation. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 177S-183S.	0.6	17
33	Sensorineural Hearing Loss. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 843-850.	1.1	17
34	Genetic Causes of Hearing Loss in a Large Cohort of Cochlear Implant Recipients. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 734-737.	1.1	17
35	Benign Paroxysmal Positional Vertigo in Children and Adolescents With Concussion. <i>Sports Health</i> , 2021, 13, 380-386.	1.3	16
36	Peripheral Vestibular Dysfunction Is a Common Occurrence in Children With Non-syndromic and Syndromic Genetic Hearing Loss. <i>Frontiers in Neurology</i> , 2021, 12, 714543.	1.1	10

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37	Evaluation of copy number variants for genetic hearing loss: a review of current approaches and recent findings. <i>Human Genetics</i> , 2022, 141, 387-400.	1.8	10
38	USH2 Caused by <i>GPR98</i> Mutation Diagnosed by Massively Parallel Sequencing in Advance of the Occurrence of Visual Symptoms. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 123S-128S.	0.6	9
39	Phylogeography and monophyly of the swordtail fish species <i>Xiphophorus birchmanni</i> (Cyprinodontiformes, Poeciliidae). <i>Zoologica Scripta</i> , 2008, 37, 129-139.	0.7	8
40	Audioprofile Surfaces. <i>Annals of Otology, Rhinology and Laryngology</i> , 2016, 125, 361-368.	0.6	8
41	Use of the Teres Major Muscle in Chimeric Subscapular System Free Flaps for Head and Neck Reconstruction. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2015, 141, 816.	1.2	5
42	Cordova: Web-based management of genetic variation data. <i>Bioinformatics</i> , 2014, 30, 3438-3439.	1.8	3
43	Comprehensive Genetic Testing for Deafness from Fresh and Archived Dried Blood Spots. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 1058-1060.	1.1	3
44	A Practical Approach to Genetic Testing for Pediatric Hearing Loss. <i>Current Otorhinolaryngology Reports</i> , 2020, 8, 250-258.	0.2	1
45	Pain at the Cochlear Implant Site Requiring Device Removal in Pediatric Patients. <i>Laryngoscope</i> , 2022, , .	1.1	1
46	Adult type rhabdomyoma presenting as a parathyroid adenoma. <i>Head and Neck</i> , 2018, 41, E30-E33.	0.9	0
47	Massive Scalp Cylindromas Treated With Staged Resection and Split-Thickness Skin Grafting. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 766.	1.2	0
48	Editorial to the Special Issue on "The molecular genetics of hearing and deafness". <i>Human Genetics</i> , 2022, 141, 305.	1.8	0