Karen A Gordon

List of Publications by Year
in descending order

123 papers	4,318 citations	66343 42 h-index	123424 61 g-index
124 all docs	124 docs citations	124 times ranked	2233 citing authors

#	Article	IF	Citations
1	Bilateral input protects the cortex from unilaterally-driven reorganization in children who are deaf. Brain, 2013, 136, 1609-1625.	7.6	180
2	Is there a critical period for cochlear implantation in congenitally deaf children? Analyses of hearing and speech perception performance after implantation. Developmental Psychobiology, 2005, 46, 252-261.	1.6	176
3	Evidence of Vestibular and Balance Dysfunction in Children With Profound Sensorineural Hearing Loss Using Cochlear Implants. Laryngoscope, 2008, 118, 1814-1823.	2.0	160
4	Asymmetric Hearing During Development: The Aural Preference Syndrome and Treatment Options. Pediatrics, 2015, 136, 141-153.	2.1	135
5	Benefits of Short Interimplant Delays in Children Receiving Bilateral Cochlear Implants. Otology and Neurotology, 2009, 30, 319-331.	1.3	118
6	Toward a Battery of Behavioral and Objective Measures to Achieve Optimal Cochlear Implant Stimulation Levels in Children. Ear and Hearing, 2004, 25, 447-463.	2.1	116
7	Vestibular End-Organ Dysfunction in Children With Sensorineural Hearing Loss and Cochlear Implants. Otology and Neurotology, 2013, 34, 422-428.	1.3	112
8	Cochlear Implants for Children with Severe-to-Profound Hearing Loss. New England Journal of Medicine, 2007, 357, 2380-2387.	27.0	102
9	Activity-Dependent Developmental Plasticity of the Auditory Brain Stem in Children Who Use Cochlear Implants. Ear and Hearing, 2003, 24, 485-500.	2.1	100
10	Bilateral cochlear implants should be the standard for children with bilateral sensorineural deafness. Current Opinion in Otolaryngology and Head and Neck Surgery, 2008, 16, 69-74.	1.8	97
11	Recognition of Affective Speech Prosody and Facial Affect in Deaf Children with Unilateral Right Cochlear Implants. Child Neuropsychology, 2009, 15, 136-146.	1.3	96
12	A Test of Static and Dynamic Balance Function in Children With Cochlear Implants. JAMA Otolaryngology, 2008, 134, 34.	1.2	91
13	An Evoked Potential Study of the Developmental Time Course of the Auditory Nerve and Brainstem in Children Using Cochlear Implants. Audiology and Neuro-Otology, 2006, 11, 7-23.	1.3	90
14	Hearing and speech benefits of cochlear implantation in children: A review of the literature. International Journal of Pediatric Otorhinolaryngology, 2020, 133, 109984.	1.0	89
15	Bilateral cochlear implants in children: Effects of auditory experience and deprivation on auditory perception. Hearing Research, 2016, 338, 76-87.	2.0	87
16	European Bilateral Pediatric Cochlear Implant Forum Consensus Statement. Otology and Neurotology, 2012, 33, 561-565.	1.3	79
17	Abnormal Timing Delays in Auditory Brainstem Responses Evoked by Bilateral Cochlear Implant Use in Children. Otology and Neurotology, 2008, 29, 193-198.	1.3	66
18	Soft tissue complications after small incision pediatric cochlear implantation. Laryngoscope, 2009, 119, 980-983.	2.0	66

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19	Speech Detection in Noise and Spatial Unmasking in Children With Simultaneous Versus Sequential Bilateral Cochlear Implants. Otology and Neurotology, 2011, 32, 1057-1064.	1.3	66
20	Benefits of Music Training for Perception of Emotional Speech Prosody in Deaf Children With Cochlear Implants. Ear and Hearing, 2017, 38, 455-464.	2.1	63
21	Electrophysiologic and Behavioral Outcomes of Cochlear Implantation in Children With Auditory Nerve Hypoplasia. Ear and Hearing, 2012, 33, 3-18.	2.1	62
22	Neural Response Telemetry in 12- to 24-Month-Old Children. Annals of Otology, Rhinology and Laryngology, 2002, 111, 42-48.	1.1	61
23	Benefits and detriments of unilateral cochlear implant use on bilateral auditory development in children who are deaf. Frontiers in Psychology, 2013, 4, 719.	2.1	60
24	Binaural Interactions Develop in the Auditory Brainstem of Children Who Are Deaf: Effects of Place and Level of Bilateral Electrical Stimulation. Journal of Neuroscience, 2012, 32, 4212-4223.	3.6	59
25	Perception of Binaural Cues Develops in Children Who Are Deaf through Bilateral Cochlear Implantation. PLoS ONE, 2014, 9, e114841.	2.5	58
26	Vestibular and Balance Impairment Contributes to Cochlear Implant Failure in Children. Otology and Neurotology, 2015, 36, 1029-1034.	1.3	53
27	Effects of cochlear implant use on the electrically evoked middle latency response in children. Hearing Research, 2005, 204, 78-89.	2.0	52
28	Cortical Function in Children Receiving Bilateral Cochlear Implants Simultaneously or After a Period of Interimplant Delay. Otology and Neurotology, 2010, 31, 1293-1299.	1.3	52
29	Lateralization of Interimplant Timing and Level Differences in Children Who Use Bilateral Cochlear Implants. Ear and Hearing, 2010, 31, 441-456.	2.1	52
30	Vestibular End-Organ and Balance Deficits After Meningitis and Cochlear Implantation in Children Correlate Poorly With Functional Outcome. Otology and Neurotology, 2009, 30, 488-495.	1.3	51
31	Binaural Fusion and Listening Effort in Children Who Use Bilateral Cochlear Implants: A Psychoacoustic and Pupillometric Study. PLoS ONE, 2015, 10, e0117611.	2.5	51
32	Impact of Consistency in Daily Device Use on Speech Perception Abilities in Children with Cochlear Implants: Datalogging Evidence. Journal of the American Academy of Audiology, 2018, 29, 835-846.	0.7	50
33	Postural stability and visual impairment: Assessing balance in children with strabismus and amblyopia. PLoS ONE, 2018, 13, e0205857.	2.5	50
34	Vestibular and balance function is often impaired in children with profound unilateral sensorineural hearing loss. Hearing Research, 2019, 372, 52-61.	2.0	50
35	Evolution of Cochlear Implant Arrays Result in Changes in Behavioral and Physiological Responses in Children. Otology and Neurotology, 2009, 30, 908-915.	1.3	49
36	Auditory neuropathy spectrum disorder (ANSD) and cochlear implantation. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 1980-1987.	1.0	49

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37	The role of a graded profile analysis in determining candidacy and outcome for cochlear implantation in children. International Journal of Pediatric Otorhinolaryngology, 1999, 49, 135-142.	1.0	48
38	Beamformer Suppression of Cochlear Implant Artifacts in an Electroencephalography Dataset. IEEE Transactions on Biomedical Engineering, 2009, 56, 2851-2857.	4.2	48
39	Using Balance Function to Screen for Vestibular Impairment in Children With Sensorineural Hearing Loss and Cochlear Implants. Otology and Neurotology, 2016, 37, 926-932.	1.3	48
40	Early unilateral cochlear implantation promotes mature cortical asymmetries in adolescents who are deaf. Human Brain Mapping, 2016, 37, 135-152.	3.6	48
41	Atypical cortical responses underlie poor speech perception in children using cochlear implants. NeuroReport, 2005, 16, 2041-2045.	1.2	45
42	Binaural processing in children using bilateral cochlear implants. NeuroReport, 2007, 18, 613-617.	1.2	45
43	Bilateral simultaneous cochlear implantation in children: Our first 50 cases. Laryngoscope, 2009, 119, 2444-2448.	2.0	45
44	Incidence and Characteristics of Facial Nerve Stimulation in Children With Cochlear Implants. Laryngoscope, 2006, 116, 1787-1791.	2.0	44
45	Auditory Responses in Cochlear Implant Users With and Without GJB2 Deafness. Laryngoscope, 2006, 116, 317-327.	2.0	41
46	Factors Affecting Daily Cochlear Implant Use in Children: Datalogging Evidence. Journal of the American Academy of Audiology, 2016, 27, 824-838.	0.7	38
47	Children Using Cochlear Implants Capitalize on Acoustical Hearing for Music Perception. Frontiers in Psychology, 2012, 3, 425.	2.1	37
48	Animal and human studies on developmental monaural hearing loss. Hearing Research, 2019, 380, 60-74.	2.0	35
49	Unilateral Hearing Loss Is Associated With Impaired Balance in Children. Otology and Neurotology, 2016, 37, 1589-1595.	1.3	33
50	Vestibular evoked myogenic potential testing as an objective measure of vestibular stimulation with cochlear implants. Laryngoscope, 2017, 127, E75-E81.	2.0	32
51	Simultaneous bilateral cochlear implants: Developmental advances do not yet achieve normal cortical processing. Brain and Behavior, 2017, 7, e00638.	2.2	32
52	Central auditory development after long-term cochlear implant use. Clinical Neurophysiology, 2013, 124, 1868-1880.	1.5	31
53	Music perception improves in children with bilateral cochlear implants or bimodal devices. Journal of the Acoustical Society of America, 2017, 141, 4494-4507.	1.1	29
54	Sad and happy emotion discrimination in music by children with cochlear implants. Child Neuropsychology, 2016, 22, 366-380.	1.3	27

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55	Cortical Representation of Interaural Time Difference Is Impaired by Deafness in Development: Evidence from Children with Early Long-term Access to Sound through Bilateral Cochlear Implants Provided Simultaneously. Journal of Neuroscience, 2017, 37, 2349-2361.	3.6	26
56	Tinnitus is prevalent in children with cochlear implants. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 671-675.	1.0	25
57	Experience Changes How Emotion in Music Is Judged: Evidence from Children Listening with Bilateral Cochlear Implants, Bimodal Devices, and Normal Hearing. PLoS ONE, 2015, 10, e0136685.	2.5	25
58	Cortical hemispheric asymmetries are present at young ages and further develop into adolescence. Human Brain Mapping, 2018, 39, 941-954.	3.6	24
59	Auditory Brain Stem and Midbrain Development after Cochlear Implantation in Children. Annals of Otology, Rhinology and Laryngology, 2002, 111, 32-37.	1.1	22
60	Effects of stimulus manipulation on electrophysiological responses of pediatric cochlear implant users. Part II: Rate effects. Hearing Research, 2008, 244, 15-24.	2.0	20
61	Electrogustometric assessment of taste after otologic surgery in children. Laryngoscope, 2009, 119, 2061-2065.	2.0	20
62	The Effects of Asymmetric Hearing on Bilateral Brainstem Function: Findings in Children with Bimodal (Electric and Acoustic) Hearing. Audiology and Neuro-Otology, 2015, 20, 13-20.	1.3	19
63	Stimulation from Cochlear Implant Electrodes Assists with Recovery from Asymmetric Perceptual Tilt: Evidence from the Subjective Visual Vertical Test. Frontiers in Integrative Neuroscience, 2016, 10, 32.	2.1	19
64	Parental and program's decision making in paediatric simultaneous bilateral cochlear implantation: Who says no and why?. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 1325-1328.	1.0	18
65	From Nucleus 24 to 513. Otology and Neurotology, 2013, 34, 436-442.	1.3	17
66	Cochlear Implant Use Remains Consistent Over Time in Children With Single-Sided Deafness. Ear and Hearing, 2020, 41, 678-685.	2.1	17
67	Hearing Benefit and Rated Satisfaction in Children with Unilateral Conductive Hearing Loss Using a Transcutaneous Magnetic-Coupled Bone-Conduction Hearing Aid. Journal of the American Academy of Audiology, 2016, 27, 790-804.	0.7	16
68	Cortical plasticity with bimodal hearing in children with asymmetric hearing loss. Hearing Research, 2019, 372, 88-98.	2.0	16
69	Effects of stimulus manipulation on electrophysiological responses in pediatric cochlear implant users. Part I: Duration effects. Hearing Research, 2008, 244, 7-14.	2.0	15
70	Long-term Implant Usage and Quality-of-Life in Sequential Bilateral Pediatric Cochlear Implantation. Otology and Neurotology, 2020, 41, 39-44.	1.3	15
71	Balancing current levels in children with bilateral cochlear implants using electrophysiological and behavioral measures. Hearing Research, 2016, 335, 193-206.	2.0	14
72	BalanCI: Head-Referenced Cochlear Implant Stimulation Improves Balance in Children with Bilateral Cochleovestibular Loss. Audiology and Neuro-Otology, 2020, 25, 60-71.	1.3	14

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73	Infant Sleep Machines and Hazardous Sound Pressure Levels. Pediatrics, 2014, 133, 677-681.	2.1	13
74	Splenius capitis is a reliable target for measuring cervical vestibular evoked myogenic potentials in adults. European Journal of Neuroscience, 2017, 45, 1212-1223.	2.6	13
75	Interhemispheric auditory connectivity requires normal access to sound in both ears during development. NeuroImage, 2020, 208, 116455.	4.2	13
76	Cochlear Implantation in Infants: Why and How. Trends in Hearing, 2021, 25, 233121652110317.	1.3	13
77	Packing of the Cochleostomy Site Affects Auditory Nerve Response Thresholds in Precurved Off-Stylet Cochlear Implants. Otology and Neurotology, 2010, 31, 204-209.	1.3	12
78	Impact of the sensory environment on balance in children with bilateral cochleovestibular loss. Hearing Research, 2021, 400, 108134.	2.0	12
79	Extrusion of straight cochlear implant electrodes May be diminished by proximal fixation. International Journal of Pediatric Otorhinolaryngology, 2019, 116, 164-167.	1.0	11
80	Cochlear Implantation in Infants: Evidence of Safety. Trends in Hearing, 2021, 25, 233121652110146.	1.3	11
81	Exposure to Spoken Communication in Children With Cochlear Implants During the COVID-19 Lockdown. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 368.	2.2	11
82	Functional Consequences of Poor Binaural Hearing in Development: Evidence From Children With Unilateral Hearing Loss and Children Receiving Bilateral Cochlear Implants. Trends in Hearing, 2021, 25, 233121652110512.	1.3	11
83	Children's identification of familiar songs from pitch and timing cues. Frontiers in Psychology, 2014, 5, 863.	2.1	10
84	Unilateral Cochlear Implant Use Promotes Normal-Like Loudness Perception in Adolescents With Childhood Deafness. Ear and Hearing, 2014, 35, e291-e301.	2.1	10
85	Cortical Processing of Level Cues for Spatial Hearing is Impaired in Children with Prelingual Deafness Despite Early Bilateral Access to Sound. Brain Topography, 2018, 31, 270-287.	1.8	10
86	Hearing Instability in Children with Congenital Cytomegalovirus: Evidence and Neural Consequences. Laryngoscope, 2022, 132, .	2.0	10
87	Nerve regeneration in the peripheral nervous system versus the central nervous system and the relevance to speech and hearing after nerve injuries. Journal of Communication Disorders, 2010, 43, 274-285.	1.5	9
88	Binaural integration: a challenge to overcome for children with hearing loss. Current Opinion in Otolaryngology and Head and Neck Surgery, 2017, 25, 514-519.	1.8	9
89	Efficacy of a selective imaging paradigm prior to pediatric cochlear implantation. Laryngoscope, 2019, 129, 2627-2633.	2.0	9
90	Live porcine model for surgical training in tracheostomy and openâ€airway surgery. Laryngoscope, 2020, 130, 2063-2068.	2.0	9

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91	Age-related variability in pediatric scalp thickness: Implications for auditory prostheses. International Journal of Pediatric Otorhinolaryngology, 2020, 130, 109853.	1.0	9
92	Programming cochlear implant stimulation levels in infants and children with a combination of objective measures. International Journal of Audiology, 2004, 43 Suppl 1, S28-32.	1.7	9
93	Unilateral Hearing Loss and Single-Sided Deafness in Children: an Update on Diagnosis and Management. Current Otorhinolaryngology Reports, 2020, 8, 259-266.	0.5	8
94	Emberger syndrome: A rare association with hearing loss. International Journal of Pediatric Otorhinolaryngology, 2018, 108, 82-84.	1.0	7
95	A survey of pediatric cochlear implant recipients as young adults. International Journal of Pediatric Otorhinolaryngology, 2020, 132, 109902.	1.0	7
96	Synthetic Simulator for Surgical Training in Tracheostomy and Open Airway Surgery. Laryngoscope, 2021, 131, E2378-E2386.	2.0	7
97	In Reference toTemporal Bone Imaging inGJB2Deafness. Laryngoscope, 2007, 117, 1127-1129.	2.0	6
98	Characterization of retentive capacity of the subpericranial pocket in cochlear implants with and without a pedestal. Laryngoscope, 2016, 126, 1175-1179.	2.0	6
99	Clinical Characteristics of Children With Single-Sided Deafness Presenting for Candidacy Assessment for Unilateral Cochlear Implantation. Current Otorhinolaryngology Reports, 2017, 5, 275-285.	0.5	6
100	Cochlear implant datalogging accurately characterizes childrenâ€™s â€˜auditory scenesâ€™. Cochlear Implants International, 2021, 22, 85-95.	1.2	6
101	Age-related changes to vestibular heave and pitch perception and associations with postural control. Scientific Reports, 2022, 12, 6426.	3.3	6
102	Normal-like Motor Speech Parameters Measured in Children With Long-term Cochlear Implant Experience Using a Novel Objective Analytic Technique. JAMA Otolaryngology - Head and Neck Surgery, 2014, 140, 967.	2.2	5
103	The limitation of risk factors as a means of prognostication in auditory neuropathy spectrum disorder of perinatal onset. International Journal of Pediatric Otorhinolaryngology, 2020, 135, 110112.	1.0	5
104	Exploring the relationship between head anatomy and cochlear implant stability in children. Cochlear Implants International, 2011, 12, S14-S18.	1.2	4
105	Children with unilateral cochlear nerve canal stenosis have bilateral cochleovestibular anomalies. Laryngoscope, 2019, 129, 2403-2408.	2.0	4
106	Surgical Considerations for an Osseointegrated Steady State Implant (OSIA2Â®) in Children. Laryngoscope, 2022, 132, 1088-1092.	2.0	4
107	Use of a Graded Profile Analysis to assess cochlear implant candidacy: recent findings. International Congress Series, 2004, 1273, 215-218.	0.2	3
108	Binaural hearing is impaired in children with hearing loss who use bilateral hearing aids. Journal of the Acoustical Society of America, 2019, 146, 4352-4362.	1.1	3

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109	Music Perception Testing Reveals Advantages and Continued Challenges for Children Using Bilateral Cochlear Implants. Frontiers in Psychology, 2020, 10, 3015.	2.1	3
110	How I do it: Proximal cochlear implant electrode fixation using Ned's Knot. International Journal of Pediatric Otorhinolaryngology, 2021, 142, 110593.	1.0	3
111	The Role of Electrophysiological Testing in Pediatric Cochlear Implantation. , 2016, , 123-142.		2
112	Management of Traumatic Injury and Osseointegration Failure in Children With Percutaneous Bone Conduction Implants. Otology and Neurotology, 2019, 40, 1040-1046.	1.3	2
113	Can Differences in Early Hearing Development Be Distinguished by the LittlEARs Auditory Questionnaire?. Ear and Hearing, 2020, 41, 998-1008.	2.1	2
114	The Importance of Access to Bilateral Hearing through Cochlear Implants in Children. Seminars in Hearing, 2021, 42, 381-388.	1.2	2
115	First Generation Osseointegrated Steady State Implant Benefits in Children With Hearing Loss. Otology and Neurotology, 2022, 43, 337-344.	1.3	2
116	Cortical imbalance following delayed restoration of bilateral hearing in deaf adolescents. Human Brain Mapping, 2022, 43, 3662-3679.	3.6	2
117	Preliminary experience using a cochlear implant with a novel linear pedestal design. International Journal of Pediatric Otorhinolaryngology, 2017, 93, 42-46.	1.0	1
118	â€œAural Patchingâ€•After Bilateral Cochlear Implantation Is Challenging for Children With Prior Long-Term Unilateral Implant Experience. Ear and Hearing, 2020, 41, 1407-1411.	2.1	1
119	Response characteristics of vestibular evoked myogenic potentials recorded over splenius capitis in young adults and adolescents. Acta OtorrinolaringolÃ³gica EspaÃ±ola, 2021, , .	0.4	1
120	Bilateral Cervical Plexus Block in Simultaneous Cochlear Implants: An Intervention We Won't Adopt. Laryngoscope, 2010, 120, S82-S82.	2.0	0
121	Effects of long-term unilateral cochlear implant use on large-scale network synchronization in adolescents. Hearing Research, 2021, 409, 108308.	2.0	0
122	Auditory Development in Children who Use Cochlear Implants-Past Experience Guides Present Research-. Japan Journal of Logopedics and Phoniatrics, 2011, 52, 202-208.	0.1	0
123	Response characteristics of vestibular evoked myogenic potentials recorded over splenius capitis in young adults and adolescents. Acta Otorrinolaringologica (English Edition), 2022, 73, 164-176.	0.2	0