Martijn J H Agterberg

List of Publications by Year
in descending order

32 papers	947 citations	516710 16 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	740 citing authors

#	Article	IF	Citations
1	Enhanced Survival of Spiral Ganglion Cells After Cessation of Treatment with Brain-Derived Neurotrophic Factor in Deafened Guinea Pigs. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 355-367.	1.8	105
2	Comparison Between a New Implantable Transcutaneous Bone Conductor and Percutaneous Bone-Conduction Hearing Implant. Otology and Neurotology, 2013, 34, 1071-1075.	1.3	95
3	Time course of cochlear electrophysiology and morphology after combined administration of kanamycin and furosemide. Hearing Research, 2007, 231, 1-12.	2.0	77
4	Morphological changes in spiral ganglion cells after intracochlear application of brain-derived neurotrophic factor in deafened guinea pigs. Hearing Research, 2008, 244, 25-34.	2.0	74
5	Age-related Hearing Loss and Ear Morphology Affect Vertical but not Horizontal Sound-Localization Performance. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 261-273.	1.8	68
6	Spiral ganglion cell survival after round window membrane application of brain-derived neurotrophic factor using gelfoam as carrier. Hearing Research, 2011, 272, 168-177.	2.0	62
7	Single-sided deafness and directional hearing: contribution of spectral cues and high-frequency hearing loss in the hearing ear. Frontiers in Neuroscience, 2014, 8, 188.	2.8	47
8	Contribution of monaural and binaural cues to sound localization in listeners with acquired unilateral conductive hearing loss: Improved directional hearing with a bone-conduction device. Hearing Research, 2012, 286, 9-18.	2.0	43
9	Sound-localization performance of patients with single-sided deafness is not improved when listening with a bone-conduction device. Hearing Research, 2019, 372, 62-68.	2.0	42
10	Improved Horizontal Directional Hearing in Bone Conduction Device Users with Acquired Unilateral Conductive Hearing Loss. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 1-11.	1.8	41
11	Spiral ganglion cell morphology in guinea pigs after deafening and neurotrophic treatment. Hearing Research, 2013, 298, 17-26.	2.0	35
12	Chronic electrical stimulation does not prevent spiral ganglion cell degeneration in deafened guinea pigs. Hearing Research, 2010, 269, 169-179.	2.0	27
13	Three-year experience with the Sophono in children with congenital conductive unilateral hearing loss: tolerability, audiometry, and sound localization compared to a bone-anchored hearing aid. European Archives of Oto-Rhino-Laryngology, 2016, 273, 3149-3156.	1.6	27
14	Horizontal sound localization in cochlear implant users with a contralateral hearing aid. Hearing Research, 2016, 336, 72-82.	2.0	24
15	Bilateral Bone Conduction Devices. Ear and Hearing, 2013, 34, 806-808.	2.1	21
16	Conductive Hearing Loss and Bone Conduction Devices: Restored Binaural Hearing?. Advances in Oto-Rhino-Laryngology, 2011, 71, 84-91.	1.6	19
17	Bilateral bone conduction stimulation provides reliable binaural cues for localization. Hearing Research, 2020, 388, 107881.	2.0	18
18	How to Quantify Binaural Hearing in Patients with Unilateral Hearing Using Hearing Implants. Audiology and Neuro-Otology, 2015, 20, 44-47.	1.3	15

#	Article	IF	Citations
19	Nanogrooved Surface-Patterns induce cellular organization and axonal outgrowth in neuron-like PC12-Cells. Hearing Research, 2015, 320, 11-17.	2.0	15
20	Contribution of spectral pinna cues for sound localization in children with congenital unilateral conductive hearing loss after hearing rehabilitation. Hearing Research, 2020, 385, 107847.	2.0	11
21	Spatial Hearing by Bilateral Cochlear Implant Users With Temporal Fine-Structure Processing. Frontiers in Neurology, 2020, 11, 915.	2.4	11
22	A less stressful animal model: A conditioned avoidance behaviour task for guineapigs. Laboratory Animals, 2010, 44, 206-210.	1.0	10
23	The Merits of Bilateral Application of Bone-Conduction Devices in Children With Bilateral Conductive Hearing Loss. Ear and Hearing, 2020, 41, 1327-1332.	2.1	10
24	Amplification Options in Unilateral Aural Atresia. Otology and Neurotology, 2014, 35, 129-135.	1.3	9
25	Sound Localization in Real-Time Vocoded Cochlear-Implant Simulations With Normal-Hearing Listeners. Trends in Hearing, 2019, 23, 233121651984733.	1.3	9
26	Evaluation of temperature rise and bonding strength in cements used for permanent head attachments in rats and mice. Laboratory Animals, 2010, 44, 264-270.	1.0	7
27	Behavioral responses of deafened guinea pigs to intracochlear electrical stimulation: a new rapid psychophysical procedure. Hearing Research, 2014, 313, 67-74.	2.0	6
28	Spontaneous Behavior in Noise and Silence: A Possible New Measure to Assess Tinnitus in Guinea Pigs. Frontiers in Neurology, 2014, 5, 207.	2.4	5
29	Bimodal Fitting and Bilateral Cochlear Implants in Children With Significant Residual Hearing: The Impact of Asymmetry in Spatial Release of Masking on Localization. Journal of Speech, Language, and Hearing Research, 2021, 64, 4030-4043.	1.6	5
30	Unexplained Variation in Benefit of Treatment of Congenital Unilateral Aural Atresia: A Review of the Literature. Audiology and Neuro-Otology, 2021, 26, 295-302.	1.3	4
31	Instant improvement in monaural spatial hearing abilities through cognitive feedback. Experimental Brain Research, 2022, , 1.	1.5	3
32	Toward Optimal Care for Children With Congenital Unilateral Aural Atresia. Frontiers in Neurology, 2021, 12, 687070.	2.4	2