

# Christoph Arnoldner

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7212891/christoph-arnoldner-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78 papers	1,279 citations	21 h-index	32 g-index
83 ext. papers	1,518 ext. citations	2.9 avg, IF	4.25 L-index

#	Paper	IF	Citations
78	A new electrode for residual hearing preservation in cochlear implantation: first clinical results. <i>Acta Oto-Laryngologica</i> , <b>2009</b> , 129, 372-9	1.6	99
77	Speech and music perception with the new fine structure speech coding strategy: preliminary results. <i>Acta Oto-Laryngologica</i> , <b>2007</b> , 127, 1298-303	1.6	86
76	Indication criteria and outcomes with the Bonebridge transcutaneous bone-conduction implant. <i>Laryngoscope</i> , <b>2014</b> , 124, 2802-6	3.6	76
75	Isolated malleus neck fracture. <i>Acta Oto-Laryngologica</i> , <b>2006</b> , 126, 321-3	1.6	63
74	Effect of deep insertion of the cochlear implant electrode array on pitch estimation and speech perception. <i>Acta Oto-Laryngologica</i> , <b>2006</b> , 126, 1182-7	1.6	54
73	Intranasal submucosal bevacizumab for epistaxis in hereditary hemorrhagic telangiectasia: a double-blind, randomized, placebo-controlled trial. <i>Head and Neck</i> , <b>2015</b> , 37, 783-7	4.2	51
72	FS4, FS4-p, and FSP: a 4-month crossover study of 3 fine structure sound-coding strategies. <i>Ear and Hearing</i> , <b>2014</b> , 35, e272-81	3.4	50
71	Telephone use: what benefit do cochlear implant users receive?. <i>International Journal of Audiology</i> , <b>2006</b> , 45, 446-53	2.6	35
70	A new fine structure speech coding strategy: speech perception at a reduced number of channels. <i>Otology and Neurotology</i> , <b>2008</b> , 29, 784-8	2.6	34
69	Face validity study of an artificial temporal bone for simulation surgery. <i>Otology and Neurotology</i> , <b>2013</b> , 34, 1305-10	2.6	33
68	Preclinical evaluation of thermoreversible triamcinolone acetonide hydrogels for drug delivery to the inner ear. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 471, 297-302	6.5	31
67	Cochlear osteoneogenesis after meningitis in cochlear implant patients: a retrospective analysis. <i>Otology and Neurotology</i> , <b>2010</b> , 31, 1072-8	2.6	30
66	Sustained release of triamcinolone acetonide from an intratympanically applied hydrogel designed for the delivery of high glucocorticoid doses. <i>Audiology and Neuro-Otology</i> , <b>2014</b> , 19, 193-202	2.2	29
65	Audiological performance after cochlear implantation in children with inner ear malformations. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2004</b> , 68, 457-67	1.7	28
64	Expanded selection criteria in adult cochlear implantation. <i>Cochlear Implants International</i> , <b>2013</b> , 14 Suppl 4, S10-3	1.7	25
63	1-year results using the Opus speech processor with the fine structure speech coding strategy. <i>Acta Oto-Laryngologica</i> , <b>2009</b> , 129, 988-91	1.6	24
62	Long-term outcome after Gamma Knife radiosurgery for acoustic neuroma of all Koos grades: a single-center study. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-10	3.2	24

61	Surgical revision of hemorrhage in 8388 patients after cold-steel adenotonsillectomies. <i>Wiener Klinische Wochenschrift</i> , <b>2008</b> , 120, 336-42	2.3	23
60	First Results With a New, Pressure-free, Adhesive Bone Conduction Hearing Aid. <i>Otology and Neurotology</i> , <b>2018</b> , 39, 748-754	2.6	22
59	Effects of sustained release dexamethasone hydrogels in hearing preservation cochlear implantation. <i>Hearing Research</i> , <b>2016</b> , 341, 43-49	3.9	21
58	Cochlear implantation in patients with advanced Ménière disease. <i>Otology and Neurotology</i> , <b>2014</b> , 35, 1172-8	2.6	21
57	Effects of intraoperatively applied glucocorticoid hydrogels on residual hearing and foreign body reaction in a guinea pig model of cochlear implantation. <i>Acta Oto-Laryngologica</i> , <b>2015</b> , 135, 313-9	1.6	19
56	Fixed and adaptive beamforming improves speech perception in noise in cochlear implant recipients equipped with the MED-EL SONNET audio processor. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190718	3.7	19
55	Ten-year health-related quality of life in cochlear implant recipients: prospective SF-36 data with SF-6D conversion. <i>Laryngoscope</i> , <b>2014</b> , 124, 278-82	3.6	19
54	Envelope versus fine structure speech coding strategy: a crossover study. <i>Otology and Neurotology</i> , <b>2011</b> , 32, 1094-101	2.6	19
53	Electric acoustic stimulation in patients with postlingual severe high-frequency hearing loss: clinical experience. <i>Advances in Oto-Rhino-Laryngology</i> , <b>2010</b> , 67, 116-124	1.7	18
52	Vibroplasty in mixed and conductive hearing loss: comparison of different coupling methods. <i>Laryngoscope</i> , <b>2014</b> , 124, 1436-43	3.6	17
51	Quality of life in cochlear implantees: comparing utility values obtained through the Medical Outcome Study Short-Form Survey-6D and the Health Utility Index Mark 3. <i>Laryngoscope</i> , <b>2014</b> , 124, 2586-90	3.6	17
50	Cetuximab enhances the efficacy of bortezomib in squamous cell carcinoma cell lines. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2009</b> , 135, 387-93	4.9	16
49	Cochlear implant channel separation and its influence on speech perception--implications for a new electrode design. <i>Audiology and Neuro-Otology</i> , <b>2007</b> , 12, 313-24	2.2	15
48	The role of intensity upon pitch perception in cochlear implant recipients. <i>Laryngoscope</i> , <b>2006</b> , 116, 1760-5	3.5	15
47	Long-Term Outcome of Hearing Rehabilitation With An Active Middle Ear Implant. <i>Laryngoscope</i> , <b>2019</b> , 129, 477-481	3.6	15
46	Medical, Technical and Audiological Outcomes of Hearing Rehabilitation with the Bonebridge Transcutaneous Bone-Conduction Implant: A Single-Center Experience. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	14
45	Surgical considerations in cochlear implantation in children and adults: a review of 342 cases in Vienna. <i>Acta Oto-Laryngologica</i> , <b>2005</b> , 125, 228-34	1.6	13
44	A Randomized Cross-over Trial Comparing a Pressure-free, Adhesive to a Conventional Bone Conduction Hearing Device. <i>Otology and Neurotology</i> , <b>2019</b> , 40, 571-577	2.6	12

43	The Role of Preoperative Steroids for Hearing Preservation Cochlear Implantation: Results of a Randomized Controlled Trial. <i>Audiology and Neuro-Otology</i> , <b>2017</b> , 22, 292-302	2.2	11
42	The intensity-pitch relation revisited: monopolar versus bipolar cochlear stimulation. <i>Laryngoscope</i> , <b>2008</b> , 118, 1630-6	3.6	11
41	Single Sided Deaf Cochlear Implant Users in the Difficult Listening Situation: Speech Perception and Subjective Benefit. <i>Otology and Neurotology</i> , <b>2018</b> , 39, e803-e809	2.6	11
40	Effects of Stimulation Rate With the FS4 and HDCIS Coding Strategies in Cochlear Implant Recipients. <i>Otology and Neurotology</i> , <b>2016</b> , 37, 882-8	2.6	10
39	Effects of the Polo-like-kinase-1-inhibitor BI2536 in squamous cell carcinoma cell lines of the head and neck. <i>Oncology Letters</i> , <b>2012</b> , 4, 175-177	2.6	10
38	Intratympanic application of poloxamer 407 hydrogels results in sustained N-acetylcysteine delivery to the inner ear. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 150, 143-155	5.7	9
37	Effects of fine structure and extended low frequencies in pediatric cochlear implant recipients. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2011</b> , 75, 573-8	1.7	9
36	Electron microscopy changes of cochlear implant electrodes with permanently high impedances. <i>Cochlear Implants International</i> , <b>2011</b> , 12, 228-33	1.7	8
35	Simultaneous Vestibular Schwannoma Resection and Cochlear Implantation Using Electrically Evoked Auditory Brainstem Response Audiometry for Decision-making. <i>Otology and Neurotology</i> , <b>2020</b> , 41, 1266-1273	2.6	8
34	Masking release with changing fundamental frequency: Electric acoustic stimulation resembles normal hearing subjects. <i>Hearing Research</i> , <b>2017</b> , 350, 226-234	3.9	7
33	Radiomics of high-resolution computed tomography for the differentiation between cholesteatoma and middle ear inflammation: effects of post-reconstruction methods in a dual-center study. <i>European Radiology</i> , <b>2021</b> , 31, 4071-4078	8	7
32	Evaluation of the selective glucocorticoid receptor agonist compound A for ototoxic effects. <i>Laryngoscope</i> , <b>2015</b> , 125, E149-55	3.6	6
31	Evaluation of Sustained-Release Steroid Hydrogels in a Guinea Pig Model for Noise-Induced Hearing Loss. <i>Audiology and Neuro-Otology</i> , <b>2018</b> , 23, 73-81	2.2	6
30	Facial nerve prognostication in vestibular schwannoma surgery: the concept of percent maximum and its predictability. <i>Laryngoscope</i> , <b>2013</b> , 123, 2533-8	3.6	6
29	Residual hearing preservation using the suprameatal approach for cochlear implantation. <i>Wiener Klinische Wochenschrift</i> , <b>2011</b> , 123, 599-602	2.3	6
28	Does dexamethasone inhibit anticancer activity of cetuximab in squamous cell carcinoma cell lines of the head and neck?. <i>Oncology Reports</i> , <b>2009</b> , 22, 171-6	3.5	6
27	Cochlear implant reference electrode migration to dura mater. <i>Otology and Neurotology</i> , <b>2009</b> , 30, 1013-46	4	6
26	Tenth and twelfth nerve palsies in a patient with internal carotid artery dissection mistaken for cervical mass lesion. <i>Skull Base</i> , <b>2010</b> , 20, 301-4		5

25	Clinical results after stapedotomy: a comparison between the erbium: yttrium-aluminum-garnet laser and the conventional technique. <i>Otology and Neurotology</i> , <b>2006</b> , 27, 458-65	2.6	5
24	Intratympanic Triamcinolone Acetonide as Treatment Option for Idiopathic Sudden Sensorineural Hearing Loss. <i>Otology and Neurotology</i> , <b>2019</b> , 40, 720-727	2.6	5
23	Sustained-Release Triamcinolone Acetonide Hydrogels Reduce Hearing Threshold Shifts in a Model for Cochlear Implantation with Hearing Preservation. <i>Audiology and Neuro-Otology</i> , <b>2019</b> , 24, 237-244	2.2	4
22	Improving Interaural Time Difference Sensitivity Using Short Inter-pulse Intervals with Amplitude-Modulated Pulse Trains in Bilateral Cochlear Implants. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , <b>2020</b> , 21, 105-120	3.3	4
21	Long-term effects and potential limits of intratympanic dexamethasone-loaded hydrogels combined with dexamethasone-eluting cochlear electrodes in a low-insertion 'trauma' Guinea pig model. <i>Hearing Research</i> , <b>2019</b> , 384, 107825	3.9	4
20	The role of recombinant epidermal growth factor and serotonin in the stimulation of tumor growth in a SCCHN xenograft model. <i>Oncology Reports</i> , <b>2012</b> , 28, 785-90	3.5	4
19	Determination of the glycosylation-pattern of the middle ear mucosa in guinea pigs. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 484, 124-30	6.5	3
18	Cochlear Implantation in the Guinea Pig. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	3
17	Re: Reimplantation of hybrid cochlear implant users with a full-length electrode after loss of residual hearing. <i>Otology and Neurotology</i> , <b>2008</b> , 29, 881; author reply 881-2	2.6	3
16	Noise trauma and systemic application of the selective glucocorticoid receptor modulator compound A. <i>Journal of Negative Results in BioMedicine</i> , <b>2016</b> , 15, 10		2
15	Endolymphatic sac tumor and angiomatous lesions of the nasal and pharyngeal mucosa as a first manifestation of von Hippel-Lindau disease. <i>Laryngoscope</i> , <b>2012</b> , 122, 2300-3	3.6	2
14	A novel scoring system based on small vestibular schwannomas to determine consideration for cochlear implantation. <i>Clinical Otolaryngology</i> , <b>2021</b> , 46, 1223-1228	1.8	2
13	The challenging diagnosis and follow-up of skull base osteomyelitis in clinical practice. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2021</b> , 278, 4681-4688	3.5	2
12	Letter to the editor regarding worldwide 1st MED-EL Mi1200 SYNCHRONY cochlear implant magnet removal for MRI image artifact reduction by Wieser et al.. <i>Otolaryngology Case Reports</i> , <b>2019</b> , 10, 43-44	0.3	1
11	Long-term vertigo control after cochlear implantation in patients with end-stage Menière's disease : A retrospective questionnaire-based cross-sectional study. <i>Wiener Klinische Wochenschrift</i> , <b>2020</b> , 132, 521-525	2.3	1
10	Is otologic surgery contributing to the opioid epidemic?. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 50, 38	5.4	1
9	Post-tonsillectomy hemorrhage: cost-benefit analysis of prolonged hospitalization. <i>Acta Oto-Laryngologica</i> , <b>2020</b> , 140, 597-602	1.6	1
8	Performance With an Adhesive Bone Conduction Device in Active Transcutaneous Bone Conduction Implant Users. <i>Otology and Neurotology</i> , <b>2021</b> , 42, 510-516	2.6	1

7	Temporal fluctuations of post-tonsillectomy haemorrhage. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2021</b> , 1	3.5	1
6	Robotic Cochlear Implant Surgery: Imaging-Based Evaluation of Feasibility in Clinical Routine. <i>Frontiers in Surgery</i> , <b>2021</b> , 8, 742219	2.3	1
5	Safety and Efficacy of Implantation of the Bonebridge Active Transcutaneous Bone-Conduction Device Using Implant Lifts. <i>Journal of the American Academy of Audiology</i> , <b>2021</b> , 32, 290-294	1.3	0
4	Balloon Eustachian tuboplasty (BET) in children : Potential of side-controlled clinical trials to examine effectiveness. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 727-728	2.3	0
3	Evaluation of Levels of Triamcinolone Acetonide in Human Perilymph and Plasma After Intratympanic Application in Patients Receiving Cochlear Implants: A Randomized Clinical Trial. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 147, 974-980	3.9	0
2	Triamcinolone acetonide can be detected in cerebrospinal fluid after intratympanic injection. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 170, 52-52	5.7	
1	Speech Segregation in Active Middle Ear Stimulation: Masking Release With Changing Fundamental Frequency. <i>Ear and Hearing</i> , <b>2020</b> , 42, 709-717	3.4	