Christof RÃ¶Ã¶sli

List of Publications by Year
in descending order

82 papers	1,636 citations	236925 25 h-index	345221 36 g-index
84 all docs	84 docs citations	84 times ranked	1394 citing authors

#	Article	IF	Citations
1	Dysfunction of the Cochlea Contributing to Hearing Loss in Acoustic Neuromas. Otology and Neurotology, 2012, 33, 473-480.	1.3	95
2	The Bonebridge: Preclinical evaluation of a new transcutaneously-activated bone anchored hearing device. Hearing Research, 2013, 301, 93-99.	2.0	86
3	Complex Stapes Motions in Human Ears. JARO - Journal of the Association for Research in Otolaryngology, 2010, 11, 329-341.	1.8	73
4	What Is the Site of Origin of Cochleovestibular Schwannomas?. Audiology and Neuro-Otology, 2012, 17, 121-125.	1.3	64
5	Extra- and Intracochlear Electrocochleography in Cochlear Implant Recipients. Audiology and Neuro-Otology, 2015, 20, 339-348.	1.3	60
6	Bone Conduction Thresholds and Skull Vibration Measured on the Teeth during Stimulation at Different Sites on the Human Head. Audiology and Neuro-Otology, 2011, 16, 12-22.	1.3	58
7	Quality of life of oropharyngeal cancer patients with respect to treatment strategy and p16â€positivity. Laryngoscope, 2013, 123, 164-170.	2.0	57
8	Functional Results and Subjective Benefit of a Transcutaneous Bone Conduction Device in Patients With Single-Sided Deafness. Otology and Neurotology, 2015, 36, 1151-1156.	1.3	53
9	Development and validation of the Zurich chronic middle ear inventory (ZCMEI-21): an electronic questionnaire for assessing quality of life in patients with chronic otitis media. European Archives of Oto-Rhino-Laryngology, 2016, 273, 3073-3081.	1.6	43
10	Correlation of Electrophysiological Properties and Hearing Preservation in Cochlear Implant Patients. Otology and Neurotology, 2015, 36, 1172-1180.	1.3	41
11	Influence of stimulation position on the sensitivity for bone conduction hearing aids without skin penetration. International Journal of Audiology, 2016, 55, 439-446.	1.7	40
12	Outcome of patients after treatment for a squamous cell carcinoma of the oropharynx. Laryngoscope, 2009, 119, 534-540.	2.0	38
13	Sound wave propagation on the human skull surface with bone conduction stimulation. Hearing Research, 2017, 355, 1-13.	2.0	37
14	Assessment of Cochlear Function during Cochlear Implantation by Extra- and Intracochlear Electrocochleography. Frontiers in Neuroscience, 2018, 12, 18.	2.8	35
15	Introducing the â€œChOLEâ€•Classification and Its Comparison to the EAONO/JOS Consensus Classification for Cholesteatoma Staging. Otology and Neurotology, 2019, 40, 63-72.	1.3	35
16	Salvage treatment for recurrent oropharyngeal squamous cell carcinoma. Head and Neck, 2010, 32, 989-996.	2.0	32
17	Characterization of Stapes Anatomy: Investigation of Human and Guinea Pig. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 159-173.	1.8	32
18	Experimental investigation of promontory motion and intracranial pressure following bone conduction: Stimulation site and coupling type dependence. Hearing Research, 2019, 378, 108-125.	2.0	32

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19	Objective Assessment of Stapedotomy Surgery From Round Window Motion Measurement. Ear and Hearing, 2012, 33, e24-e31.	2.1	30
20	Mechanical and biochemical mapping of human auricular cartilage for reliable assessment of tissue-engineered constructs. Journal of Biomechanics, 2015, 48, 1721-1729.	2.1	30
21	Contribution of the incudo-malleolar joint to middle-ear sound transmission. Hearing Research, 2015, 327, 218-226.	2.0	30
22	Evidence of inner ear contribution in bone conduction in chinchilla. Hearing Research, 2013, 301, 66-71.	2.0	29
23	Interaction between osseous and non-osseous vibratory stimulation of the human cadaveric head. Hearing Research, 2016, 340, 153-160.	2.0	28
24	Hearing Preservation After Cochlear Implantation May Improve Long-term Word Perception in the Electric-only Condition. Otology and Neurotology, 2016, 37, 1314-1319.	1.3	27
25	Performance evaluation of a novel piezoelectric subcutaneous bone conduction device. Hearing Research, 2018, 370, 94-104.	2.0	27
26	An Artificial Temporal Bone as a Training Tool for Cochlear Implantation. Otology and Neurotology, 2013, 34, 1048-1051.	1.3	25
27	Comparison of umbo velocity in air- and bone-conduction. Hearing Research, 2012, 290, 83-90.	2.0	23
28	Biocompatibility of Nitinol Stapes Prosthesis. Otology and Neurotology, 2011, 32, 265-270.	1.3	22
29	The Impact of Platelet-Derived Growth Factor on Closure of Chronic Tympanic Membrane Perforations. Otology and Neurotology, 2011, 32, 1224-1229.	1.3	22
30	A MEMS Condenser Microphone-Based Intracochlear Acoustic Receiver. IEEE Transactions on Biomedical Engineering, 2017, 64, 2431-2438.	4.2	22
31	Intracranial Pressure and Promontory Vibration With Soft Tissue Stimulation in Cadaveric Human Whole Heads. Otology and Neurotology, 2016, 37, e384-e390.	1.3	19
32	A method to measure sound transmission via the malleusâ€“incus complex. Hearing Research, 2016, 340, 89-98.	2.0	17
33	How Does Closure of Tympanic Membrane Perforations Affect Hearing and Middle Ear Mechanics?â€”An Evaluation in a Patient Cohort and Temporal Bone Models. Otology and Neurotology, 2012, 33, 371-378.	1.3	16
34	Biomechanics of the incudo-malleolar-joint â€“ Experimental investigations for quasi-static loads. Hearing Research, 2016, 340, 69-78.	2.0	16
35	Age Dependent Cost-Effectiveness of Cochlear Implantation in Adults. Is There an Age Related Cut-off?. Otology and Neurotology, 2019, 40, 892-899.	1.3	16
36	Sheep as a large animal ear model: Middle-ear ossicular velocities and intracochlear sound pressure. Hearing Research, 2017, 351, 88-97.	2.0	14

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37	In-vivo assessment of osseous versus non-osseous transmission pathways of vibratory stimuli applied to the bone and the dura in humans. Hearing Research, 2018, 370, 40-52.	2.0	14
38	Mapping the ChOLE classification to hearing outcomes and disease-specific health-related quality of life. European Archives of Oto-Rhino-Laryngology, 2020, 277, 2729-2738.	1.6	14
39	English translation and validation of the Zurich chronic middle ear inventory (ZCMEIâ€21â€E) assessing quality of life in chronic otitis media: A prospective international multicentre study. Clinical Otolaryngology, 2019, 44, 254-262.	1.2	13
40	Japanese translation, cross-cultural adaption and multicentre validation of the Zurich chronic middle ear inventory (ZCMEI-21-Jap). Auris Nasus Larynx, 2019, 46, 18-23.	1.2	12
41	Errors in measurement of three-dimensional motions of the stapes using a Laser Doppler Vibrometer system. Hearing Research, 2010, 270, 4-14.	2.0	11
42	The Incudomalleolar Articulation in Down Syndrome (Trisomy 21). Otology and Neurotology, 2015, 36, 348-353.	1.3	11
43	Cross-cultural Adaption and Validation of the Zurich Chronic Middle Ear Inventory Translated Into Italian (ZCMEI-21-It)â€"a Prospective Multicenter Study. Otology and Neurotology, 2019, 40, 351-358.	1.3	11
44	Measuring health-related quality of life in chronic otitis media in a Chinese population: cultural adaption and validation of the Zurich Chronic Middle Ear Inventory (ZCMEI-21-Chn). Health and Quality of Life Outcomes, 2020, 18, 218.	2.4	11
45	Dependence of skull surface wave propagation on stimulation sites and direction under bone conduction. Journal of the Acoustical Society of America, 2020, 147, 1985-2001.	1.1	11
46	Preliminary experience and feasibility test using a novel 3D virtual-reality microscope for otologic surgical procedures. Acta Oto-Laryngologica, 2021, 141, 23-28.	0.9	11
47	Mid-Term Results After a Newly Designed Nitinol Stapes Prosthesis Use in 46 Patients. Otology and Neurotology, 2013, 34, e61-e64.	1.3	10
48	Evaluating hearing outcome, recidivism and complications in cholesteatoma surgery using the ChOLE classification system. European Archives of Oto-Rhino-Laryngology, 2021, 278, 1365-1371.	1.6	10
49	Conductive Hearing Loss with Ageâ€"A Histologic and Audiometric Evaluation. Journal of Clinical Medicine, 2021, 10, 2341.	2.4	10
50	Multicenter Results With an Active Transcutaneous Bone Conduction Implant in Patients With Single-sided Deafness. Otology and Neurotology, 2022, 43, 227-235.	1.3	10
51	The Incudostapedial Articulation in Downâ€™s Syndrome (Trisomy 21). Otology and Neurotology, 2013, 34, 1489-1495.	1.3	9
52	Effects of middle ear quasi-static stiffness on sound transmission quantified by a novel 3-axis optical force sensor. Hearing Research, 2018, 357, 1-9.	2.0	9
53	Evaluation of an Infant Temporal-Bone Model as Training Tool. Otology and Neurotology, 2018, 39, e448-e452.	1.3	9
54	On the functional compartmentalization of the normal middle ear. Morpho-histological modelling parameters of its mucosa. Hearing Research, 2019, 378, 176-184.	2.0	9

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55	Experimental investigation of the effect of middle ear in bone conduction. Hearing Research, 2020, 395, 108041.	2.0	8
56	Transcranial attenuation in bone conduction stimulation. Hearing Research, 2022, 419, 108318.	2.0	8
57	The Role of Non-Echoplanar Diffusion-Weighted Magnetic Resonance Imaging in Diagnosis of Primary Cholesteatoma and Cholesteatoma Recidivism as an Adjunct to Clinical Evaluation. Annals of Otology, Rhinology and Laryngology, 2018, 127, 919-925.	1.1	7
58	Histopathologic Evaluation of Intralabyrinthine Schwannoma. Audiology and Neuro-Otology, 2021, 26, 265-272.	1.3	7
59	Postural stability and handicap of dizziness after preoperative vestibular ablation and vestibular prehabilitation in patients undergoing vestibular schwannoma resection. Journal of Vestibular Research: Equilibrium and Orientation, 2022, 32, 49-56.	2.0	7
60	Packaging Technology for an Implantable Inner Ear MEMS Microphone. Sensors, 2019, 19, 4487.	3.8	6
61	Electrode migration after cochlear implantation. Cochlear Implants International, 2021, 22, 103-110.	1.2	6
62	Transcutaneous and percutaneous bone conduction sound propagation in single-sided deaf patients and cadaveric heads. International Journal of Audiology, 2022, 61, 678-685.	1.7	6
63	Development of a finite element model of a human head including auditory periphery for understanding of bone-conducted hearing. Hearing Research, 2022, 421, 108337.	2.0	6
64	Predicting Cochlear Implant Electrode Placement Using Monopolar, Three-Point and Four-Point Impedance Measurements. IEEE Transactions on Biomedical Engineering, 2022, 69, 2533-2544.	4.2	6
65	Intracochlear pressure in cadaver heads under bone conduction and intracranial fluid stimulation. Hearing Research, 2022, 421, 108506.	2.0	6
66	Proof of Concept for an Intracochlear Acoustic Receiver for Use in Acute Large Animal Experiments. Sensors, 2018, 18, 3565.	3.8	5
67	Endolymphatic hydrops mimicking obstructive Eustachian tube dysfunction: preliminary experience and literature review. European Archives of Oto-Rhino-Laryngology, 2021, 278, 561-565.	1.6	5
68	Assessment of Surgical Complications With Respect to the Surgical Indication: Proposal for a Novel Index. Frontiers in Surgery, 2021, 8, 638057.	1.4	5
69	Tinnitus With Unexpected Spanish Roots: Head and Neck Paragangliomas Caused by SDHAF2 Mutation. Journal of the Endocrine Society, 2020, 4, bvaa016.	0.2	4
70	Correlation between Speech Perception Outcomes after Cochlear Implantation and Postoperative Acoustic and Electric Hearing Thresholds. Journal of Clinical Medicine, 2021, 10, 324.	2.4	4
71	Influence of angular positioning of the prosthesis in stapes surgeries with a NiTiBond prosthesis: Investigation in cadaveric temporal bones. Hearing Research, 2019, 378, 149-156.	2.0	2
72	Cost Effectiveness of Cochlear Implantation in Single-Sided Deafness. Otology and Neurotology, 2021, 42, 1129-1135.	1.3	2

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73	Comparison of Ear-Canal Reflectance and Umbo Velocity in Patients with Conductive Hearing Loss. , 2011, , .		1
74	Dynamic Postural Stability and Hearing Preservation after Cochlear Implantation. Audiology and Neuro-Otology, 2018, 23, 222-228.	1.3	1
75	Multiphoton imaging for morphometry of the sandwich-beam structure of the human stapedial annular ligament. Hearing Research, 2019, 378, 63-74.	2.0	1
76	A New Stapes-Head Coupler for the Vibrant Soundbridge System. Audiology and Neuro-Otology, 2021, 26, 1-8.	1.3	1
77	Retrospective Investigation of Contralateral Hearing Thresholds of Patients With Sporadic Vestibular Schwannoma. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110335.	1.9	1
78	Subjective Sound Quality Detection (HISQUI) over Time after Vibrant Soundbridge Implantation. Journal of Clinical Medicine, 2022, 11, 1811.	2.4	1
79	First Experience with the ChOLE Classification in Combination with a QoL questionnaire. Journal of Laryngology and Otology, 2016, 130, S75-S75.	0.8	0
80	New Prostheses for Tympanoplasty: Assessment in Cadaveric Temporal Bones. Journal of Laryngology and Otology, 2016, 130, S55-S56.	0.8	0
81	An intact bony tympanic facial canal does not protect from secondary facial paresis in adult acute otitis media. Journal of Laryngology and Otology, 2020, 134, 409-414.	0.8	0
82	MON-380 Tinnitus with Unexpected Spanish Roots: Head and Neck Paragangliomas Caused by SDHAF2 Mutation. Journal of the Endocrine Society, 2019, 3, .	0.2	0