

Marco Caversaccio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5789248/publications.pdf>

Version: 2024-02-01

172
papers

2,632
citations

218677

26
h-index

302126

39
g-index

185
all docs

185
docs citations

185
times ranked

2052
citing authors

#	ARTICLE	IF	CITATIONS
1	In-Vitro Study of Speed and Alignment Angle in Cochlear Implant Electrode Array Insertions. IEEE Transactions on Biomedical Engineering, 2022, 69, 129-137.	4.2	24
2	Using a cochlear implant processor as contralateral routing of signals device in unilateral cochlear implant recipients. European Archives of Oto-Rhino-Laryngology, 2022, 279, 645-652.	1.6	1
3	Paradigm shift in acute dizziness: is caloric testing obsolete?. Journal of Neurology, 2022, 269, 853-860.	3.6	14
4	Automated alternate cover test for â€˜HINTSâ€™™ assessment: a validation study. European Archives of Oto-Rhino-Laryngology, 2022, 279, 2873-2879.	1.6	7
5	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
6	Influence of head orientation and implantation site of a novel transcutaneous bone conduction implant on MRI metal artifact reduction sequence. European Archives of Oto-Rhino-Laryngology, 2022, 279, 4793-4799.	1.6	2
7	Endoscopic and Robotic Stapes Surgery: Review with Emphasis on Recent Surgical Refinements. Current Otorhinolaryngology Reports, 2022, 10, 34-39.	0.5	0
8	Endoscopic Cholesteatoma Surgery. Journal of Visualized Experiments, 2022, , .	0.3	0
9	Hearing-Preserving Approaches to the Internal Auditory Canal: Feasibility Assessment from the Perspective of an Endoscope. World Neurosurgery, 2022, 160, e88-e95.	1.3	1
10	Increasing the reliability of real-time electrocochleography during cochlear implantation: a standardized guideline. European Archives of Oto-Rhino-Laryngology, 2022, 279, 4655-4665.	1.6	6
11	The Microscopic Transcanal Approach in Stapes Surgery Revisited. Journal of Visualized Experiments, 2022, , .	0.3	1
12	Performing Intracochlear Electrocochleography During Cochlear Implantation. Journal of Visualized Experiments, 2022, , .	0.3	5
13	Are Smartwatches a Suitable Tool to Monitor Noise Exposure for Public Health Awareness and Otoprotection?. Frontiers in Neurology, 2022, 13, 856219.	2.4	4
14	A Retrospective Analysis of Multiple Affected Salivary Gland Diseases: Diagnostic and Therapeutic Benefits of Interventional Sialendoscopy. Ear, Nose and Throat Journal, 2022, , 014556132210819.	0.8	2
15	Suitable Electrode Choice for Robotic-Assisted Cochlear Implant Surgery: A Systematic Literature Review of Manual Electrode Insertion Adverse Events. Frontiers in Surgery, 2022, 9, 823219.	1.4	6
16	Clinical impact of manual scoring of peripheral arterial tonometry in patients with sleep apnea. Sleep and Breathing, 2022, , 1.	1.7	0
17	The effect of internet telephony and a cochlear implant accessory on mobile phone speech comprehension in cochlear implant users. European Archives of Oto-Rhino-Laryngology, 2022, 279, 5547-5554.	1.6	1
18	Neural Activity During Audiovisual Speech Processing: Protocol For a Functional Neuroimaging Study. JMIR Research Protocols, 2022, 11, e38407.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Correction: Neural Activity During Audiovisual Speech Processing: Protocol For a Functional Neuroimaging Study. <i>JMIR Research Protocols</i> , 2022, 11, e40527.	1.0	0
20	Teaching Middle Ear Anatomy and Basic Ear Surgery Skills: A Qualitative Study Comparing Endoscopic and Microscopic Techniques. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 165, 174-181.	1.9	8
21	Endoscopic-Assisted Lateral Corridor to the Infratemporal Fossa: Proposal and Quantitative Comparison to the Endoscopic Transpterygoid Approach. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, 357-364.	0.8	1
22	Training model for salvage procedures in endoscopic stapes surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 987-995.	1.6	5
23	Quantification and Comparison of Droplet Formation During Endoscopic and Microscopic Ear Surgery: A Cadaveric Model. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 1208-1213.	1.9	4
24	Intraoperative Impedance-Based Estimation of Cochlear Implant Electrode Array Insertion Depth. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 545-555.	4.2	27
25	Susceptibility to Residual Inhibition Is Associated With Hearing Loss and Tinnitus Chronicity. <i>Trends in Hearing</i> , 2021, 25, 233121652098630.	1.3	2
26	Traumatic dislocation of middle ear ossicles: A new computed tomography classification predicting hearing outcome. <i>PLoS ONE</i> , 2021, 16, e0245796.	2.5	1
27	Endoscopic Anatomy of the Chorda Tympani. <i>Otology and Neurotology</i> , 2021, Publish Ahead of Print, e958-e966.	1.3	10
28	Vestibular dose correlates with dizziness after radiosurgery for the treatment of vestibular schwannoma. <i>Radiation Oncology</i> , 2021, 16, 61.	2.7	6
29	Two-phase survey on the frequency of use and safety of MRI for hearing implant recipients. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 4225-4233.	1.6	3
30	Long-term efficacy assessment of current treatment options for epistaxis in HHT. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 4321-4328.	1.6	3
31	Commentary: COVID-19 makes innovative but "repetita juvant". <i>JTCVS Techniques</i> , 2021, 6, 180-182.	0.4	0
32	Revision canal-wall down surgery: comparison of surgical outcomes with three different techniques. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, , 1.	1.6	3
33	Exclusive Endoscopic Laser-Stapedotomy: Feasibility of an Ovine Training Model. <i>Otology and Neurotology</i> , 2021, 42, 994-1000.	1.3	7
34	Fabrication of human anatomy-based scala tympani models with a hydrophilic coating for cochlear implant insertion experiments. <i>Hearing Research</i> , 2021, 404, 108205.	2.0	11
35	Impaired fixation suppression of horizontal vestibular nystagmus during smooth pursuit: pathophysiology and clinical implications. <i>European Journal of Neurology</i> , 2021, 28, 2614-2621.	3.3	5
36	Bruns' nystagmus revisited: A sign of stroke in patients with the acute vestibular syndrome. <i>European Journal of Neurology</i> , 2021, 28, 2971-2979.	3.3	18

#	ARTICLE	IF	CITATIONS
37	10.1121/10.0005732.1. , 2021, , .		0
38	Effects of temporal fine structure preservation on spatial hearing in bilateral cochlear implant users. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 673-686.	1.1	8
39	Night-to-night variability in obstructive sleep apnea using peripheral arterial tonometry: a case for multiple night testing. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1751-1758.	2.6	16
40	In Silico Assessment of Safety and Efficacy of Screw Placement for Pediatric Image-Guided Otologic Surgery. <i>Frontiers in Surgery</i> , 2021, 8, 736217.	1.4	0
41	Speech signal enhancement in cocktail party scenarios by deep learning based virtual sensing of head-mounted microphones. <i>Hearing Research</i> , 2021, 408, 108294.	2.0	9
42	Quantitative Analysis of Temporal Bone Density and Thickness for Robotic Ear Surgery. <i>Frontiers in Surgery</i> , 2021, 8, 740008.	1.4	5
43	Bayesian brain in tinnitus: Computational modeling of three perceptual phenomena using a modified Hierarchical Gaussian Filter. <i>Hearing Research</i> , 2021, 410, 108338.	2.0	6
44	Pinna-Imitating Microphone Directionality Improves Sound Localization and Discrimination in Bilateral Cochlear Implant Users. <i>Ear and Hearing</i> , 2021, 42, 214-222.	2.1	14
45	Freehand Stereotactic Image-Guidance Tailored to Neurotologic Surgery. <i>Frontiers in Surgery</i> , 2021, 8, 742112.	1.4	1
46	Relationship Between the Cochlear Aqueduct and Internal Auditory Canal: Surgical Implications for Transcanal Transpromontorial Approaches to the Lateral Skull Base. <i>Otology and Neurotology</i> , 2021, 42, e227-e232.	1.3	4
47	Influence of Compression Thresholds and Maximum Power Output on Speech Understanding with Bone-Anchored Hearing Systems. <i>BioMed Research International</i> , 2021, 2021, 1-6.	1.9	1
48	SÅ©mont Maneuver for Benign Paroxysmal Positional Vertigo Treatment: Moving in the Correct Plane Matters. <i>Otology and Neurotology</i> , 2021, 42, e341-e347.	1.3	9
49	Influence of maximum power output on speech understanding with bone anchored hearing systems. <i>Acta Oto-Laryngologica</i> , 2020, 140, 225-229.	0.9	8
50	Adverse events associated with bone-conduction and middle-ear implants: a systematic review. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 423-438.	1.6	12
51	Epinephrine Use in Endoscopic Ear Surgery: Quantitative Safety Assessment. <i>Orl</i> , 2020, 82, 1-7.	1.1	11
52	Targeting the MET Receptor Tyrosine Kinase as a Strategy for Radiosensitization in Locoregionally Advanced Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 614-626.	4.1	10
53	Transcanal Transpromontorial Approach to Lateral Skull Base: Maximal Area of Exposure and Surgical Extensions. <i>World Neurosurgery</i> , 2020, 135, e181-e186.	1.3	11
54	Multicenter Study Investigating Foreign Language Acquisition at School in Children, Adolescents, and Young Adults With Uni- or Bilateral Cochlear Implants in the Swiss German Population. <i>Otology and Neurotology</i> , 2020, 41, e580-e587.	1.3	3

#	ARTICLE	IF	CITATIONS
55	Challenges in topical therapy of chronic rhinosinusitis: The case of nasal drops application – A systematic review. <i>Auris Nasus Larynx</i> , 2020, 47, 536-543.	1.2	8
56	VOR gain calculation methods in video head impulse recordings. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2020, 30, 225-234.	2.0	22
57	Alexander's Law During High-Speed, Yaw-Axis Rotation: Adaptation or Saturation?. <i>Frontiers in Neurology</i> , 2020, 11, 604502.	2.4	0
58	The reliability of hearing implants: report on the type and incidence of cochlear implant failures. <i>Cochlear Implants International</i> , 2020, 21, 228-237.	1.2	9
59	Sinus floor elevation or referral for further diagnosis and therapy: A comparison of maxillary sinus assessment by ENT specialists and dentists using cone beam computed tomography. <i>Clinical Oral Implants Research</i> , 2020, 31, 463-475.	4.5	16
60	Evolution and Stagnation of Image Guidance for Surgery in the Lateral Skull: A Systematic Review 1989–2020. <i>Frontiers in Surgery</i> , 2020, 7, 604362.	1.4	7
61	Surgical implications of 3D vs 2D endoscopic ear surgery: a case–control study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 3323-3330.	1.6	8
62	Multichannel acoustic source and image dataset for the cocktail party effect in hearing aid and implant users. <i>Scientific Data</i> , 2020, 7, 440.	5.3	5
63	Pleomorphic Adenoma of External Auditory Canal: Case Report of First Endoscopic Resection and Literature Review. <i>Medicina (Lithuania)</i> , 2020, 56, 248.	2.0	7
64	A Front-Back Confusion Metric in Horizontal Sound Localization: The FBC Score. , 2020, , .		5
65	The accuracy of image-based safety analysis for robotic cochlear implantation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 83-92.	2.8	10
66	Robotic middle ear access for cochlear implantation: First in man. <i>PLoS ONE</i> , 2019, 14, e0220543.	2.5	67
67	Comparison of 3- vs 2-Dimensional Endoscopy Using Eye Tracking and Assessment of Cognitive Load Among Surgeons Performing Endoscopic Ear Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 838.	2.2	13
68	Synchrotron radiation imaging revealing the sub-micron structure of the auditory ossicles. <i>Hearing Research</i> , 2019, 383, 107806.	2.0	6
69	Acquisition of basic ear surgery skills: a randomized comparison between endoscopic and microscopic techniques. <i>BMC Medical Education</i> , 2019, 19, 357.	2.4	23
70	Outcome prediction for Bonebridge candidates based on audiological indication criteria. <i>Auris Nasus Larynx</i> , 2019, 46, 681-686.	1.2	18
71	MRI Metal Artifact Reduction Sequence for Auditory Implants: First Results with a Transcutaneous Bone Conduction Implant. <i>Audiology and Neuro-Otology</i> , 2019, 24, 56-64.	1.3	15
72	Horner Syndrome as Complication of Acute Sphenoid Sinusitis. <i>Case Reports in Neurology</i> , 2019, 11, 112-116.	0.7	3

#	ARTICLE	IF	CITATIONS
73	Superficial Siderosis of the Central Nervous System: Neurological Findings Related to Magnetic Resonance Imaging. <i>Otology and Neurotology</i> , 2019, 40, 31-37.	1.3	5
74	A novel retroauricular fixed port for hemodialysis: surgical procedure and preliminary results of the clinical investigation. <i>Acta Oto-Laryngologica</i> , 2019, 139, 129-134.	0.9	2
75	Robotic cochlear implantation: feasibility of a multiport approach in an ex vivo model. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 1283-1289.	1.6	10
76	Voluntary increase of acoustic middle ear impedances with simultaneous sound attenuation associated with mild hyperacusis (VIMH). <i>Acta Oto-Laryngologica</i> , 2019, 139, 373-378.	0.9	1
77	Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. <i>Frontiers in Surgery</i> , 2019, 6, 58.	1.4	8
78	Human bony labyrinth dataset: Co-registered CT and micro-CT images, surface models and anatomical landmarks. <i>Data in Brief</i> , 2019, 27, 104782.	1.0	10
79	Mobile Internet Telephony Improves Speech Intelligibility and Quality for Cochlear Implant Recipients. <i>Otology and Neurotology</i> , 2019, 40, e206-e214.	1.3	4
80	Clinical Applicability of a Preoperative Angular Insertion Depth Prediction Method for Cochlear Implantation. <i>Otology and Neurotology</i> , 2019, 40, 1011-1017.	1.3	15
81	Assessment of Middle Ear Anatomy Teaching Methodologies Using Microscopy versus Endoscopy: A Randomized Comparative Study. <i>Anatomical Sciences Education</i> , 2019, 12, 507-517.	3.7	16
82	Blunt nasal trauma in children: a frequent diagnostic challenge. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 85-91.	1.6	15
83	Robust Cochlear Modiolar Axis Detection in CT. <i>Lecture Notes in Computer Science</i> , 2019, 22, 3-10.	1.3	6
84	The endoscopic anatomy of the cochlear hook region and fustis: surgical implications. <i>Acta Otorhinolaryngologica Italica</i> , 2019, 39, 353-357.	1.5	4
85	Association Between Residual Inhibition and Neural Activity in Patients with Tinnitus: Protocol for a Controlled Within- and Between-Subject Comparison Study. <i>JMIR Research Protocols</i> , 2019, 8, e12270.	1.0	9
86	Cochlear implants in single-sided deafness – clinical results of a Swiss multicentre study. <i>Swiss Medical Weekly</i> , 2019, 149, w20171.	1.6	8
87	Accuracy and feasibility of a dedicated image guidance solution for endoscopic lateral skull base surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 905-911.	1.6	12
88	Minimally Invasive Lateral Endoscopic Multiport Approach to the Infratemporal Fossa: A Cadaveric Study. <i>World Neurosurgery</i> , 2018, 112, e489-e496.	1.3	11
89	Discovering Middle Ear Anatomy by Transcanal Endoscopic Ear Surgery: A Dissection Manual. <i>Journal of Visualized Experiments</i> , 2018, . .	0.3	11
90	The Impact of the Transcanal Endoscopic Approach and Mastoid Preservation on Recurrence of Primary Acquired Attic Cholesteatoma. <i>Otology and Neurotology</i> , 2018, 39, 445-450.	1.3	43

#	ARTICLE	IF	CITATIONS
91	Patient-specific estimation of detailed cochlear shape from clinical CT images. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 389-396.	2.8	19
92	3D-constructive interference into steady state (3D-CISS) labyrinth signal alteration in patients with vestibular schwannoma. Auris Nasus Larynx, 2018, 45, 702-710.	1.2	7
93	Noninvasive Registration Strategies and Advanced Image Guidance Technology for Submillimeter Surgical Navigation Accuracy in the Lateral Skull Base. Otology and Neurotology, 2018, 39, 1326-1335.	1.3	12
94	Measurements of Trunk Sway for Stance and Gait Tasks 2 Years after Vestibular Neurectomy. Audiology and Neuro-Otology, 2018, 23, 298-308.	1.3	1
95	Speech Understanding and Sound Localization with a New Nonimplantable Wearing Option for Baha. BioMed Research International, 2018, 2018, 1-8.	1.9	17
96	Unilateral and Bilateral Audiological Benefit With an Adhesively Attached, Noninvasive Bone Conduction Hearing System. Otology and Neurotology, 2018, 39, 1025-1030.	1.3	27
97	Minimal Reporting Standards for Active Middle Ear Hearing Implants. Audiology and Neuro-Otology, 2018, 23, 105-115.	1.3	23
98	Radiosurgery of vestibular schwannoma: prognostic factors for hearing outcome using 3D-constructive interference in steady state (3D-CISS). Strahlentherapie Und Onkologie, 2018, 194, 1132-1143.	2.0	7
99	FP569PRELIMINARY RESULTS OF A FIRST CLINICAL STUDY WITH A NOVEL BONE ANCHORED VASCULAR ACCESS DEVICE. Nephrology Dialysis Transplantation, 2018, 33, i232-i232.	0.7	0
100	Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. Annals of Biomedical Engineering, 2018, 46, 1568-1581.	2.5	17
101	Cognitive Rehabilitation in Bilateral Vestibular Patients: A Computational Perspective. Frontiers in Neurology, 2018, 9, 286.	2.4	10
102	Novel Surgical and Radiologic Classification of the Subtympnic Sinus: Implications for Endoscopic Ear Surgery. Otolaryngology - Head and Neck Surgery, 2018, 159, 1037-1042.	1.9	14
103	Comprehensive Genomic Profiling of Patient-matched Head and Neck Cancer Cells: A Preclinical Pipeline for Metastatic and Recurrent Disease. Molecular Cancer Research, 2018, 16, 1912-1926.	3.4	22
104	Quantitative Analysis of Surgical Freedom and Area of Exposure in Minimal-Invasive Transcranial Approaches to the Lateral Skull Base. Otology and Neurotology, 2018, 39, 785-790.	1.3	15
105	Cochlear Implant Insertion Depth Prediction: A Temporal Bone Accuracy Study. Otology and Neurotology, 2018, 39, e996-e1001.	1.3	20
106	Robotic cochlear implantation: surgical procedure and first clinical experience. Acta Oto-Laryngologica, 2017, 137, 447-454.	0.9	94
107	Comment on the paper by Dazert et al. entitled "Off the ear with no loss in speech understanding: comparing the RONDO and the OPUS 2 cochlear implant audio processors". European Archives of Oto-Rhino-Laryngology, 2017, 274, 3261-3262.	1.6	0
108	The variants of the retro- and hypotympanum: an endoscopic anatomical study. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2141-2148.	1.6	38

#	ARTICLE	IF	CITATIONS
109	Directional Microphone Contralateral Routing of Signals in Cochlear Implant Users: A Within-Subjects Comparison. <i>Ear and Hearing</i> , 2017, 38, 368-373.	2.1	25
110	Physical Effects of Hydrodissection as Rationale in Otoplasty: An Experimental Anatomical Study. <i>The American Journal of Cosmetic Surgery</i> , 2017, 34, 92-96.	0.3	0
111	Long term benefit of bone anchored hearing systems in single sided deafness. <i>Acta Oto-Laryngologica</i> , 2017, 137, 398-402.	0.9	14
112	Population Statistics Approach for Safety Assessment in Robotic Cochlear Implantation. <i>Otology and Neurotology</i> , 2017, 38, 759-764.	1.3	23
113	Instrument flight to the inner ear. <i>Science Robotics</i> , 2017, 2, .	17.6	75
114	An Ovine Model for Exclusive Endoscopic Ear Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 247.	2.2	37
115	Impaired math achievement in patients with acute vestibular neuritis. <i>Neuropsychologia</i> , 2017, 107, 1-8.	1.6	14
116	A multiscale imaging and modelling dataset of the human inner ear. <i>Scientific Data</i> , 2017, 4, 170132.	5.3	32
117	Management of Bleeding in Exclusive Endoscopic Ear Surgery: Pilot Clinical Experience. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 157, 700-706.	1.9	47
118	Novel Dissection Station for Endolaryngeal Microsurgery and Laser Surgery: Development and Dissection Course Experience. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 1136-1141.	1.9	10
119	Acute peripheral vestibular deficit increases redundancy in random number generation. <i>Experimental Brain Research</i> , 2017, 235, 627-637.	1.5	10
120	Influence of Telecommunication Modality, Internet Transmission Quality, and Accessories on Speech Perception in Cochlear Implant Users. <i>Journal of Medical Internet Research</i> , 2017, 19, e135.	4.3	8
121	A Neuromonitoring Approach to Facial Nerve Preservation During Image-guided Robotic Cochlear Implantation. <i>Otology and Neurotology</i> , 2016, 37, 89-98.	1.3	29
122	Speech Intelligibility in Noise With a Pinna Effect Imitating Cochlear Implant Processor. <i>Otology and Neurotology</i> , 2016, 37, 19-23.	1.3	33
123	Rapidly fluctuating anosmia: A clinical sign for unilateral smell impairment. <i>Laryngoscope</i> , 2016, 126, E57-9.	2.0	10
124	Estimating the benefit of a second bone anchored hearing implant in unilaterally implanted users with a testband. <i>Acta Oto-Laryngologica</i> , 2016, 136, 379-384.	0.9	3
125	Pectoralis major myofascial interposition flap prevents postoperative pharyngocutaneous fistula in salvage total laryngectomy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 3943-3949.	1.6	26
126	Predisposing factors for adverse skin reactions with percutaneous bone anchored hearing devices implanted with skin reduction techniques. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 4185-4192.	1.6	9

#	ARTICLE	IF	CITATIONS
127	Surface matching for high-accuracy registration of the lateral skull base. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 2097-2103.	2.8	20
128	Up-front neck dissection followed by definitive (chemo)-radiotherapy in head and neck squamous cell carcinoma: Rationale, complications, toxicity rates, and oncological outcomes – A systematic review. <i>Radiotherapy and Oncology</i> , 2016, 119, 185-193.	0.6	21
129	Outcomes in Advanced Head and Neck Cancer Treated with Up-front Neck Dissection prior to (Chemo)Radiotherapy. <i>Otolaryngology - Head and Neck Surgery</i> , 2016, 154, 300-308.	1.9	14
130	Bone conduction responses of middle ear structures in Thiel embalmed heads. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
131	Speech Intelligibility in Noise With a Single-Unit Cochlear Implant Audio Processor. <i>Otology and Neurotology</i> , 2015, 36, 1197-1202.	1.3	17
132	Significant Artifact Reduction at 1.5T and 3T MRI by the Use of a Cochlear Implant with Removable Magnet: An Experimental Human Cadaver Study. <i>PLoS ONE</i> , 2015, 10, e0132483.	2.5	37
133	Benefit of a Contralateral Routing of Signal Device for Unilateral Cochlear Implant Users. <i>Audiology and Neuro-Otology</i> , 2015, 20, 73-80.	1.3	11
134	Sharp neck injuries in suicidal intention. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 3825-3831.	1.6	8
135	Quality standards for bone conduction implants. <i>Acta Oto-Laryngologica</i> , 2015, 135, 1277-1285.	0.9	23
136	Speech Understanding with a New Implant Technology: A Comparative Study with a New Nonskin Penetrating Baha System. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	65
137	Mechatronic Feasibility of Minimally Invasive, Atraumatic Cochleostomy. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	7
138	Semiautomatic Cochleostomy Target and Insertion Trajectory Planning for Minimally Invasive Cochlear Implantation. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	45
139	Cone Beam and Micro-Computed Tomography Validation of Manual Array Insertion for Minimally Invasive Cochlear Implantation. <i>Audiology and Neuro-Otology</i> , 2014, 19, 22-30.	1.3	35
140	Surgical planning tool for robotically assisted hearing aid implantation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 11-20.	2.8	70
141	High-Accuracy Patient-to-Image Registration for the Facilitation of Image-Guided Robotic Microsurgery on the Head. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 960-968.	4.2	61
142	Estimation of Tool Pose Based on Force-Density Correlation During Robotic Drilling. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 969-976.	4.2	43
143	A Bone-Thickness Map as a Guide for Bone-Anchored Port Implantation Surgery in the Temporal Bone. <i>Materials</i> , 2013, 6, 5291-5301.	2.9	16
144	In Vitro Accuracy Evaluation of Image-Guided Robot System for Direct Cochlear Access. <i>Otology and Neurotology</i> , 2013, 34, 1284-1290.	1.3	76

#	ARTICLE	IF	CITATIONS
145	Internet Video Telephony Allows Speech Reading by Deaf Individuals and Improves Speech Perception by Cochlear Implant Users. PLoS ONE, 2013, 8, e54770.	2.5	16
146	Therapy options and long-term results of sinonasal malignancies. Oral Oncology, 2012, 48, 1031-1037.	1.5	58
147	Speech Perception Benefits of Internet Versus Conventional Telephony for Hearing-Impaired Individuals. Journal of Medical Internet Research, 2012, 14, e102.	4.3	14
148	In-the-Canal Versus Behind-the-Ear Microphones Improve Spatial Discrimination on the Side of the Head in Bilateral Cochlear Implant Users. Otology and Neurotology, 2011, 32, 1-6.	1.3	13
149	How Internet Telephony Could Improve Communication for Hearing-Impaired Individuals. Otology and Neurotology, 2010, 31, 1014-1021.	1.3	11
150	Development of a miniature robot for hearing aid implantation. , 2009, , .		3
151	Otologic Manifestations in Samterâ€™s Syndrome. Orl, 2009, 71, 6-10.	1.1	9
152	Cholesterol granuloma of the petrous apex: benefit of computer-aided surgery. European Archives of Oto-Rhino-Laryngology, 2009, 266, 47-50.	1.6	16
153	TAP deficiency syndrome: chronic rhinosinusitis and conductive hearing loss. European Archives of Oto-Rhino-Laryngology, 2008, 265, 1289-1292.	1.6	11
154	Augmented reality endoscopic system (ARES): preliminary results. Rhinology, 2008, 46, 156-8.	1.3	7
155	Impact of a self-developed planning and self-constructed navigation system on skull base surgery: 10 years experience. Acta Oto-Laryngologica, 2007, 127, 403-407.	0.9	44
156	Image-guided surgical microscope with mounted minitracker. Journal of Laryngology and Otology, 2007, 121, 160-162.	0.8	11
157	Woakesâ€™ syndrome and albinism. Auris Nasus Larynx, 2007, 34, 245-248.	1.2	17
158	Design and clinical evaluation of an image-guided surgical microscope with an integrated tracking system. International Journal of Computer Assisted Radiology and Surgery, 2007, 1, 253-264.	2.8	6
159	Insertion of Double Bicanalicular Silicone Tubes after Endonasal Dacryocystorhinostomy in Lacrimal Canalicular Stenosis: A 10-Year Experience. Orl, 2006, 68, 266-269.	1.1	17
160	Computer assistance for intraoperative navigation in ENT surgery. Minimally Invasive Therapy and Allied Technologies, 2003, 12, 36-51.	1.2	54
161	Neck Dissection Shoulder Syndrome: Quantification and Three-Dimensional Evaluation with an Optoelectronic Tracking System. Annals of Otology, Rhinology and Laryngology, 2003, 112, 939-946.	1.1	8
162	Medical treatment of nasal squamous papilloma with imiquimod cream. Journal of Laryngology and Otology, 2003, 117, 720-722.	0.8	7

#	ARTICLE	IF	CITATIONS
163	Valuable use of computer-aided surgery in congenital bony aural atresia. Journal of Laryngology and Otology, 2003, 117, 241-248.	0.8	35
164	Virtual simulator as a training tool for endonasal surgery. American Journal of Rhinology & Allergy, 2003, 17, 283-90.	2.2	12
165	Present state and future perspectives of computer aided surgery in the field of ENT and skull base. Acta Oto-rhino-laryngologica Belgica, 2002, 56, 51-9.	0.0	9
166	Endonasal and transcanalicular Er:YAG laser dacryocystorhinostomy. Rhinology, 2001, 39, 28-32.	1.3	3
167	Frameless computer-aided surgery system for revision endoscopic sinus surgery. Otolaryngology - Head and Neck Surgery, 2000, 122, 808-813.	1.9	44
168	Practical aspects for optimal registration (matching) on the lateral skull base with an optical frameless computer-aided pointer system. The American Journal of Otology, 2000, 21, 863-70.	0.4	28
169	The Bernese Frameless Optical Computer Aided Surgery System. Computer Aided Surgery, 1999, 4, 328-334.	1.8	21
170	Facial Nerve Function After Petrosectomy. Laryngoscope, 1999, 109, 1094-1101.	2.0	4
171	The Bernese frameless optical computer aided surgery system. , 1999, 4, 328-334.		28
172	Cochlear Implant Electrode Impedance as Potential Biomarker for Residual Hearing. Frontiers in Neurology, 0, 13, .	2.4	10