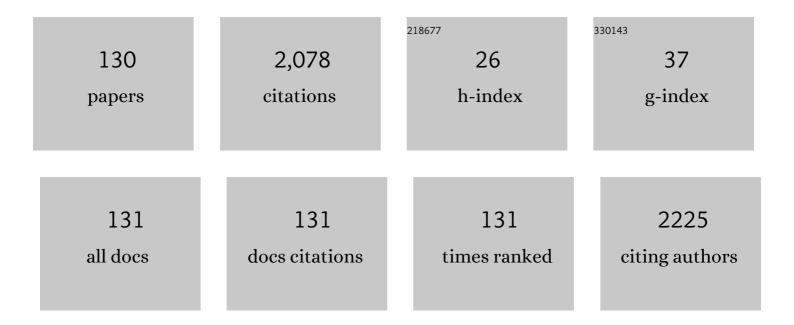
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Zinc is an essential element for the maintenance of redox homeostasis and cell cycle in murine auditory hair cells. Journal of Nutritional Biochemistry, 2022, 100, 108901.	4.2	4
2	Long-term Changes of Hearing Thresholds and Eustachian Tube Function after Balloon Dilation of the Eustachian Tube in Patients with Chronic Otitis Media. Clinical and Experimental Otorhinolaryngology, 2022, , .	2.1	1
3	Longâ€ŧerm audiologic outcomes and potential outcome predictors of cochlear implantation in cochlear aplasia with dilated vestibule: A case series. Clinical Otolaryngology, 2022, 47, 599-605.	1.2	0
4	Cortical reorganization following auditory deprivation predicts cochlear implant performance in postlingually deaf adults. Human Brain Mapping, 2021, 42, 233-244.	3.6	13
5	Interpreting auditory brainstem evoked responses and distortion product otoacoustic emissions in diabetic patients with normal hearing. Auris Nasus Larynx, 2021, 48, 227-234.	1.2	1
6	High-frequency Cochlear Nerve Deficit Region: Relationship With Deaf Duration and Cochlear Implantation Performance in Postlingual Deaf Adults. Otology and Neurotology, 2021, 42, 844-850.	1.3	2
7	Hearing Outcomes of Stapes Surgery in Children With Stapes Fixation and Ossicular Anomalies. Otology and Neurotology, 2021, 42, 1039-1043.	1.3	4
8	Results of the Active Middle Ear Implantation in Patients With Mixed Hearing Loss After the Middle Ear Surgery: Prospective Multicenter Study (ROMEO Study). Clinical and Experimental Otorhinolaryngology, 2021, , .	2.1	4
9	Short-Term Experience in Cochlear Implantation with Slim Modiolar Electrode Array (CI532): Comparison to Previous Devices. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2021, 64, 223-231.	0.2	0
10	Changes of Temporal Processing and Hearing in Noise after Use of a Monoaural Hearing Aid in Patients with Sensorineural Hearing Loss: A Preliminary Study. Journal of Audiology and Otology, 2021, 25, 146-151.	0.8	0
11	Variations of the Technique in Endoscopic Tympanoplasty. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2021, 64, 604-606.	0.2	0
12	Video recognition of simple mastoidectomy using convolutional neural networks: Detection and segmentation of surgical tools and anatomical regions. Computer Methods and Programs in Biomedicine, 2021, 208, 106251.	4.7	6
13	International Survey of Operative Practices for Otologists and Neurotologists During the COVID-19 Crisis. Otology and Neurotology, 2021, 42, 1275-1284.	1.3	3
14	Diagnostic Validity of Auditory Brainstem Response for the Initial Screening of Vestibular Schwannoma. Journal of Audiology and Otology, 2021, , .	0.8	2
15	Candida auris colonization or infection of the ear: A single-center study in South Korea from 2016 to 2018. Medical Mycology, 2020, 58, 124-127.	0.7	13
16	Protective Effects of Glucose-Related Protein 78 and 94 on Cisplatin-Mediated Ototoxicity. Antioxidants, 2020, 9, 686.	5.1	3
17	Status of early hearing detection and intervention in South Korea: a nationwide population-based study of national infant health checkup. Scientific Reports, 2020, 10, 16838.	3.3	5
18	Long-term Change in the Speech Perception Ability in Pediatric Cochlear Implants and the Effect of the Age at Implantation. Otology and Neurotology, 2020, 41, 758-766.	1.3	5

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19	Self-Expandable Retainer for Endoscopic Visualization in the External Auditory Canal: Proof of Concept in Human Cadavers. Applied Sciences (Switzerland), 2020, 10, 1877.	2.5	2
20	Antioxidant Therapy against Oxidative Damage of the Inner Ear: Protection and Preconditioning. Antioxidants, 2020, 9, 1076.	5.1	27
21	Impact of hearing loss on the performance of auditory processing measured by questionnaires in Korean adolescents. Scientific Reports, 2020, 10, 10118.	3.3	4
22	Hyperbaric oxygen (HBO) therapy as an effective approach to the treatment of patients with severe idiopathic sudden sensorineural hearing loss. Acta Oto-Laryngologica, 2020, 140, 383-386.	0.9	9
23	Intratympanic steroid injection for sudden sensorineural hearing loss: Impact of injection interval on therapeutic efficacy. Auris Nasus Larynx, 2020, 47, 982-989.	1.2	6
24	Assessment of Objective Audiometry to Predict Subjective Satisfaction in Patients With Hearing Aids. Clinical and Experimental Otorhinolaryngology, 2020, 13, 141-147.	2.1	7
25	Robust Real-Time Detection of Laparoscopic Instruments in Robot Surgery Using Convolutional Neural Networks with Motion Vector Prediction. Applied Sciences (Switzerland), 2019, 9, 2865.	2.5	38
26	Induction of Redox-Active Gene Expression by CoCl2 Ameliorates Oxidative Stress-Mediated Injury of Murine Auditory Cells. Antioxidants, 2019, 8, 399.	5.1	5
27	Automated Classification of the Tympanic Membrane Using a Convolutional Neural Network. Applied Sciences (Switzerland), 2019, 9, 1827.	2.5	43
28	Comparison of the Clinical Results of Attic Cholesteatoma Treatment: Endoscopic Versus Microscopic Ear Surgery. Clinical and Experimental Otorhinolaryngology, 2019, 12, 156-162.	2.1	28
29	Associations of Dietary Riboflavin, Niacin, and Retinol with Age-related Hearing Loss: An Analysis of Korean National Health and Nutrition Examination Survey Data. Nutrients, 2019, 11, 896.	4.1	18
30	Outcome of Cochlear Implantation in Children With Narrow Bony Cochlear Nerve Canal. Otology and Neurotology, 2019, 40, e679-e685.	1.3	5
31	Speech Perception Growth Patterns in Prelingual Deaf Children With Bilateral Sequential Cochlear Implantation. Otology and Neurotology, 2019, 40, e761-e768.	1.3	1
32	Surgical Outcomes of Intratemporal Facial Nerve Schwannomas According to Facial Nerve Manipulation. Journal of International Advanced Otology, 2019, 15, 415-419.	1.0	2
33	Giant Cell Reparative Granuloma in the Temporal Bone of a 4-Month-Old Infant. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2019, 62, 593-597.	0.2	0
34	Diagnostic Value of Gains and Corrective Saccades in Video Head Impulse Test in Vestibular Neuritis. Otolaryngology - Head and Neck Surgery, 2018, 159, 347-353.	1.9	32
35	Comparison of Video Head Impulse Test (vHIT) Gains Between Two Commercially Available Devices and by Different Gain Analytical Methods. Otology and Neurotology, 2018, 39, e297-e300.	1.3	16
36	What Is the Sensitive Period to Initiate Auditory Stimulation for the Second Ear in Sequential Cochlear Implantation?. Otology and Neurotology, 2018, 39, 177-183.	1.3	9

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37	Factors affecting hearing deterioration in vestibular schwannoma patients treated with gamma knife radiosurgery: the Asan Medical Center experience. Acta Oto-Laryngologica, 2018, 138, 96-104.	0.9	8
38	Cochlear Implantation in Postlingually Deaf Adults is Time-sensitive Towards Positive Outcome: Prediction using Advanced Machine Learning Techniques. Scientific Reports, 2018, 8, 18004.	3.3	43
39	Reconstruction of Temporal Bone Defect Using a Vertically-Oriented Free Muscle-Sparing Rectus Abdominis Musculocutaneous Flap. Journal of Craniofacial Surgery, 2018, 29, 1884-1886.	0.7	2
40	Characteristics and pathogenesis of facial nerve stimulation after cochlear implant surgeries: A singleâ€centre retrospective analysis from 1151 patients. Clinical Otolaryngology, 2018, 43, 1396-1400.	1.2	3
41	Prevalence of severe-profound hearing loss in South Korea: a nationwide population-based study to analyse a 10-year trend (2006–2015). Scientific Reports, 2018, 8, 9940.	3.3	17
42	Microbiological Results From Middle Ear Effusion in Pediatric Patients Receiving Ventilation Tube Insertion: Multicenter Registry Study on the Effectiveness of Ventilation Tube Insertion in Pediatric Patients With Chronic Otitis Media With Effusion: Part I. Clinical and Experimental Otorhinolaryngology, 2018, 11, 181-185.	2.1	3
43	Efficacy of steroid therapy based on symptomatic and functional improvement in patients with vestibular neuritis: a prospective randomized controlled trial. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2443-2451.	1.6	32
44	Surgical outcomes of middle fossa approach in intracanalicular vestibular schwannoma. Acta Oto-Laryngologica, 2017, 137, 352-355.	0.9	6
45	The Association Between Age-Related Hearing Impairment and Metabolic Syndrome in Korean Women: 5-Year Follow-Up Observational Study. Metabolic Syndrome and Related Disorders, 2017, 15, 240-245.	1.3	13
46	A cadaver study of mastoidectomy using an imageâ€guided human–robot collaborative control system. Laryngoscope Investigative Otolaryngology, 2017, 2, 208-214.	1.5	9
47	Prognostic Factors for Recovery from Sudden Sensorineural Hearing Loss: A Retrospective Study. Journal of Audiology and Otology, 2017, 21, 9-15.	0.8	44
48	Long Term Speech Perception Outcomes of Cochlear Implantation in Gap Junction Protein Beta 2 Related Hearing Loss. Journal of Audiology and Otology, 2017, 21, 95-102.	0.8	2
49	Changes in Central Auditory Processing in Patients with Mesial Temporal Lobe Epilepsy after Anterior		

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55	Diameter of the Medial Side of the Cochlear Aqueduct Is Narrower in Meniere's Disease: A Radiologic Analysis. Journal of International Advanced Otology, 2016, 12, 156-160.	1.0	6
56	Effect of a 4-Week Treatment with Cilostazol in Patients with Chronic Tinnitus: A Randomized, Prospective, Placebo-controlled, Double-blind, Pilot Study. Journal of International Advanced Otology, 2016, 12, 170-176.	1.0	8
57	A Case of Squamous Cell Carcinoma in the External Auditory Canal Previously Treated for Verrucous Carcinoma. Journal of Audiology and Otology, 2016, 20, 183-186.	0.8	5
58	Usefulness of Endoscopic Removal of Congenital Cholesteatoma in Children. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2016, 59, 194.	0.2	3
59	Management of 210 patients with benign paroxysmal positional vertigo: AMC protocol and outcomes. Acta Oto-Laryngologica, 2015, 135, 422-428.	0.9	17
60	The Effect of Korean Red Ginseng on Symptoms and Quality of Life in Chronic Tinnitus: A Randomized, Open-Label Pilot Study. Journal of Audiology and Otology, 2015, 19, 85-90.	0.8	10
61	Influences of Diabetes on Hearing Recovery in Noise-Exposed Mice. Journal of Audiology and Otology, 2015, 19, 138-143.	0.8	3
62	Vulnerability to Acoustic Trauma in the Normal Hearing Ear With Contralateral Hearing Loss. Annals of Otology, Rhinology and Laryngology, 2014, 123, 286-292.	1.1	6
63	Abnormal CT Findings Are Risk Factors for Otitis Media-Related Sensorineural Hearing Loss. Ear and Hearing, 2014, 35, 375-378.	2.1	6
64	Hearing gain with a BAHA test-band in patients with single-sided deafness. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2014, 35, 37-41.	1.3	3
65	Visceral adipose tissue is significantly associated with hearing thresholds in adult women. Clinical Endocrinology, 2014, 80, 368-375.	2.4	28
66	Characteristics of central lesions in patients with dizziness determined by diffusion MRI in the emergency department. Emergency Medicine Journal, 2014, 31, 641-644.	1.0	6
67	Hearing loss following ventriculoperitoneal shunt in communicating hydrocephalus patients: A pilot study. Laryngoscope, 2014, 124, 1923-1927.	2.0	10
68	Long-term follow-up of otitis media with effusion in children: Comparisons between a ventilation tube group and a non-ventilation tube group. International Journal of Pediatric Otorhinolaryngology, 2014, 78, 938-943.	1.0	15
69	Hearing and Facial Function After Surgical Removal of Cholesteatomas Involving Petrous Bone. Clinical and Experimental Otorhinolaryngology, 2014, 7, 264.	2.1	8
70	Involvement of retinoic acid-induced peroxiredoxin 6 expression in recovery of noise-induced temporary hearing threshold shifts. Environmental Toxicology and Pharmacology, 2013, 36, 463-471.	4.0	11
71	Results of caloric and sensory organization testing of dynamic posturography in migrainous vertigo: comparison with Meniere's disease and vestibular neuritis. Acta Oto-Laryngologica, 2013, 133, 1236-1241.	0.9	17
72	Potassium Currents in Isolated Deiters' Cells of Guinea Pig. Korean Journal of Physiology and Pharmacology, 2013, 17, 537.	1.2	1

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73	Evaluation of Age-Related Hearing Loss. Korean Journal of Audiology, 2013, 17, 50.	0.7	27
74	The Effect ofGingko Bilobaon Hearing in Mice with Noise-Induced Temporary Threshold Shift. Korean Journal of Audiology, 2013, 17, 74.	0.7	5
75	Changes of Cochlear Nerve Terminals after Temporary Noise-Induced Hearing Loss. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2013, 56, 206.	0.2	2
76	Surgical treatment of posterior semicircular canal dehiscence syndrome caused by jugular diverticulum. Journal of Laryngology and Otology, 2012, 126, 928-931.	0.8	15
77	Evaluation of Masking Effects on Speech Perception in Patients With Unilateral Chronic Tinnitus Using the Hearing in Noise Test. Otology and Neurotology, 2012, 33, 1472-1476.	1.3	33
78	Effects of a zinc-deficient diet on hearing in CBA mice. NeuroReport, 2012, 23, 201-205.	1.2	9
79	Free radicals enzymatically triggered by Clonorchis sinensis excretory–secretory products cause NF-κB-mediated inflammation in human cholangiocarcinoma cells. International Journal for Parasitology, 2012, 42, 103-113.	3.1	48
80	Audiological Follow-up Results after Newborn Hearing Screening Program. Clinical and Experimental Otorhinolaryngology, 2012, 5, 57.	2.1	23
81	Preoperative Voice Parameters Affect the Postoperative Speech Intelligibility in Patients with Cochlear Implantation. Clinical and Experimental Otorhinolaryngology, 2012, 5, S69.	2.1	9
82	Effect of Isoflurane on the Hearing in Mice. Korean Journal of Audiology, 2012, 16, 14.	0.7	2
83	Up-regulation of hypoxia-inducible factor-1 alpha by cobalt chloride prevents hearing loss in noise-exposed mice. Environmental Toxicology and Pharmacology, 2011, 31, 153-159.	4.0	12
84	Central auditory processing impairment in patients with temporal lobe epilepsy. Epilepsy and Behavior, 2011, 20, 370-374.	1.7	29
85	Effects of Cigarette Smoking on Hearing Recovery From Noise-Induced Temporary Hearing Threshold Shifts in Mice. Otology and Neurotology, 2011, 32, 926-932.	1.3	17
86	Standardization for a Korean Version of Chronic Ear Survey: Translation and Verification of Validity and Reliability. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 755.	0.2	6
87	Standardization for a Korean Version of Hearing Handicap Inventory for the Elderly. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 828.	0.2	21
88	A Case of Bilateral Hearing Loss Following External Ventricular Drainage. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 158.	0.2	1
89	Treatment Strategy for Sudden Sensorineural Hearing Loss. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 675.	0.2	15
90	Coenzyme Q10 in combination with steroid therapy for treatment of sudden sensorineural hearing loss: a controlled prospective study. Clinical Otolaryngology, 2010, 35, 486-489.	1.2	11

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91	Di-K19Hc, an antimicrobial peptide as new ototopical agent for treatment of otitis media. Acta Oto-Laryngologica, 2010, 130, 897-903.	0.9	2
92	Roles of an anti-tuberculosis medication and surgery in patients with tuberculous otitis media. Acta Oto-Laryngologica, 2010, 130, 679-686.	0.9	16
93	Ingestion of Korean Red Ginseng after Noise Exposure Can Potentiate Rapid Recovery of Hearing in Mice. Journal of Ginseng Research, 2010, 34, 336-341.	5.7	12
94	Pre-operative Evaluation of Eustachian Tube Function Using a Modified Pressure Equilibration Test is Predictive of Good Postoperative Hearing and Middle Ear Aeration in Type 1 Tympanoplasty Patients. Clinical and Experimental Otorhinolaryngology, 2009, 2, 61.	2.1	43
95	Facial nerve stimulation after cochlear implantation according to types of Nucleus 24-channel electrode arrays. Acta Oto-Laryngologica, 2009, 129, 588-591.	0.9	32
96	Longâ€īerm Results of Endolymphatic Mastoid Shunt Surgery in Patients with Intractable Ménière's Disease. Otolaryngology - Head and Neck Surgery, 2009, 141, 237-242.	1.9	15
97	Efficient Molecular Genetic Diagnosis of Enlarged Vestibular Aqueducts in East Asians. Genetic Testing and Molecular Biomarkers, 2009, 13, 679-687.	0.7	28
98	Retinoic acid applied after noise exposure can recover the noise-induced hearing loss in mice. Acta Oto-Laryngologica, 2009, 129, 233-238.	0.9	37
99	Clinical Results of Atticoantrotomy with Attic Reconstruction or Attic Obliteration for Patients with an Attic Cholesteatoma. Clinical and Experimental Otorhinolaryngology, 2009, 2, 39.	2.1	19
100	Can Intratympanic Dexamethasone Added to Systemic Steroids Improve Hearing Outcome in Patients With Sudden Deafness?. Laryngoscope, 2008, 118, 279-282.	2.0	112
101	Complications following cochlear implantation in patients with anomalous inner ears: experiences in Asan Medical Center. Acta Oto-Laryngologica, 2008, 128, 38-42.	0.9	14
102	Therapeutic effectiveness over time of intratympanic dexamethasone as salvage treatment of sudden deafness. Acta Oto-Laryngologica, 2008, 128, 128-131.	0.9	50
103	Circadian changes in serum corticosterone levels affect hearing in mice exposed to noise. NeuroReport, 2008, 19, 1373-1376.	1.2	16
104	Lipoic acid rescues DBA mice from early-onset age-related hearing impairment. NeuroReport, 2008, 19, 1265-1269.	1.2	22
105	Endolymphatic Sac Tumors : Report of Four Cases. Journal of Korean Neurosurgical Society, 2008, 44, 268.	1.2	17
106	Apoptotic Pattern of Cochlear Outer Hair Cells and Frequency-specific Hearing Threshold Shift in Noise-exposed BALB/c Mice. Clinical and Experimental Otorhinolaryngology, 2008, 1, 80.	2.1	10
107	Clinical Comparison of the Auditory Steady-State Response with the Click Auditory Brainstem Response in Infants. Clinical and Experimental Otorhinolaryngology, 2008, 1, 184.	2.1	8
108	Hypoxic changes in the central nervous system of noise-exposed mice. Acta Oto-Laryngologica, 2007, 127, 73-77.	0.9	3

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109	The Effect of Isoflurane, Halothane and Pentobarbital on Noise-Induced Hearing Loss in Mice. Anesthesia and Analgesia, 2007, 104, 1404-1408.	2.2	32
110	Comparing pure-tone audiometry and auditory steady state response for the measurement of hearing loss. Otolaryngology - Head and Neck Surgery, 2007, 136, 966-971.	1.9	49
111	Blepharokymographic Analysis of Eyelid Motion in Bell???s Palsy. Laryngoscope, 2007, 117, 308-312.	2.0	8
112	Clinical Manifestations and Risk Factors of Children Receiving Triple Ventilating Tube Insertions for Treatment of Recurrent Otitis Media With Effusion. Pediatrics, 2006, 117, e1119-e1123.	2.1	22
113	Inner Ear Anomalies in Cochlear Implantees. Otology and Neurotology, 2006, 27, 831-837.	1.3	31
114	Lipo-prostaglandin E1in combination with steroid therapy is effective for treatment of sudden sensorineural hearing loss in Korean patients with TypeA2 diabetes. Diabetic Medicine, 2006, 23, 1339-1343.	2.3	17
115	The Effect of Halothane on Hearing Loss and Apoptosis in Noise Exposing Mouse. Daehan Macwi'gwa Haghoeji, 2006, 50, 198.	0.2	1
116	Protective Effect of Isoflurane Anesthesia on Noise-Induced Hearing Loss in Mice. Laryngoscope, 2005, 115, 1996-1999.	2.0	34
117	The Effect of Canalith Repositioning for Anterior Semicircular Canal Canalithiasis. Orl, 2005, 67, 56-60.	1.1	65
118	Anti-apoptotic role of retinoic acid in the inner ear of noise-exposed mice. Biochemical and Biophysical Research Communications, 2005, 335, 485-490.	2.1	47
119	Protective Effect of Isoflurane on Noise-induced Hearing Loss in Mice. Daehan Macwi'gwa Haghoeji, 2005, 49, 523.	0.2	Ο
120	Facial nerve schwannomas: Different manifestations and outcomes. World Neurosurgery, 2004, 62, 245-252.	1.3	51
121	Accumulation of hypoxia-inducible factor- \hat{l} ± in mouse inner ear by noise stimulation. NeuroReport, 2004, 15, 2353-2356.	1.2	23
122	ATP and Nitric Oxide Modulate Intracellular Calcium in Isolated Pillar Cells of the Guinea Pig Cochlea. JARO - Journal of the Association for Research in Otolaryngology, 2001, 2, 399-407.	1.8	13
123	Acetylcholine-evoked calcium increases in Deiters' cells of the guinea pig cochlea suggest ?9-like receptors. Journal of Neuroscience Research, 2001, 63, 252-256.	2.9	18
124	Inhibition of Cholesteatomatous Bone Resorption with Pamidronate Disodium. Acta Oto-Laryngologica, 2001, 121, 178-181.	0.9	5
125	The induction of P450-mediated oxidation of all-trans retinoic acid by retinoids in head and neck squamous cell carcinoma cell lines. Metabolism: Clinical and Experimental, 1998, 47, 955-958.	3.4	5
126	Cartilaginous Incisions in Septoplasty. Orl, 1996, 58, 51-54.	1.1	13

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127	Interleukin-1α, Interleukin-1β and Interleukin-8 Gene Expression in Human Aural Cholesteatomas. Acta Oto-Laryngologica, 1996, 116, 302-306.	0.9	24
128	Histologic Structure of Antrochoanal Polyps. Acta Oto-Laryngologica, 1995, 115, 543-547.	0.9	92
129	Two Cases of Cochlear Implantation in Patients With Unilateral Profound Hearing Loss Due to Intralabyrinthine Schwannoma. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 0, , .	0.2	0
130	A Comparison of Endolymphatic Sac Decompression and Intratympanic Gentamicin for Treatment of Meniere's Disease. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 0, , .	0.2	0