

# Jae Young Choi

## List of Publications by Year in descending order

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Version: 2024-02-01

267  
papers

4,207  
citations

136950

32  
h-index

233421

45  
g-index

269  
all docs

269  
docs citations

269  
times ranked

5355  
citing authors

#	ARTICLE	IF	CITATIONS
1	COCH-related autosomal dominant nonsyndromic hearing loss: a phenotype-€ˆgenotype study. Human Genetics, 2022, 141, 889-901.	3.8	7
2	Differential genetic diagnoses of adult post-lingual hearing loss according to the audiogram pattern and novel candidate gene evaluation. Human Genetics, 2022, 141, 915-927.	3.8	9
3	Cardiovascular events and safety outcomes associated with remdesivir using a World Health Organization international pharmacovigilance database. Clinical and Translational Science, 2022, 15, 501-513.	3.1	21
4	Cochlear Implants for Patients With Common Cavity Deformities and the Impact of Electrode Positioning. Clinical and Experimental Otorhinolaryngology, 2022, 15, 77-83.	2.1	5
5	<i>In vivo</i> outer hair cell gene editing ameliorates progressive hearing loss in dominant-negative <i>Kcnq4</i> murine model. Theranostics, 2022, 12, 2465-2482.	10.0	26
6	Sexual Health Issue in Adult Congenital Heart Disease to Improve the Quality of Life. Korean Circulation Journal, 2022, 52, 243.	1.9	0
7	Clinical Heterogeneity Associated with MYO7A Variants Relies on Affected Domains. Biomedicines, 2022, 10, 798.	3.2	5
8	Inflammatory monocytes infiltrate the spiral ligament and migrate to the basilar membrane after noise exposure. Clinical and Experimental Otorhinolaryngology, 2022, , .	2.1	5
9	Purinergic signaling in the peripheral vestibular system. Purinergic Signalling, 2022, 18, 165-176.	2.2	2
10	<i>OSBPL2</i> mutations impair autophagy and lead to hearing loss, potentially remedied by rapamycin. Autophagy, 2022, 18, 2593-2614.	9.1	8
11	Clinical Experience of Using Active Transcutaneous Bone Conduction Implants (Bonebridge) in Children Under 5 Years Old. Clinical and Experimental Otorhinolaryngology, 2022, 15, 194-196.	2.1	2
12	Electrode Array Extrusion in Cochlear Implantation: Our Experience. Clinical and Experimental Otorhinolaryngology, 2022, , .	2.1	0
13	Noninvasive surrogates are poor predictors of liver fibrosis in patients with Fontan circulation. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1176-1185.e3.	0.8	10
14	The Time Course of Monocytes Infiltration After Acoustic Overstimulation. Frontiers in Cellular Neuroscience, 2022, 16, 844480.	3.7	6
15	Real-world practice patterns and characteristics of adverse events with selexipag in Korean patients with pulmonary arterial hypertension. Expert Opinion on Drug Safety, 2022, 21, 1423-1432.	2.4	1
16	Effect of Cochlear Implantation on Hearing Fluctuation in Patients with Biallelic <i>SLC26A4</i> Variants. Audiology and Neuro-Otology, 2021, 26, 111-120.	1.3	5
17	The Effects of Preoperative Audiovisual Speech Perception on the Audiologic Outcomes of Cochlear Implantation in Patients with Postlingual Deafness. Audiology and Neuro-Otology, 2021, 26, 149-156.	1.3	2
18	Selexipag as Add-on Therapy for Patients with Pulmonary Arterial Hypertension Associated with Congenital Heart Disease: A Single-Center Retrospective Study. Congenital Heart Disease, 2021, 16, 233-244.	0.2	3

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19	Neutrophils infiltrate into the spiral ligament but not the stria vascularis in the cochlea during lipopolysaccharide-induced inflammation. <i>Theranostics</i> , 2021, 11, 2522-2533.	10.0	16
20	One-stage cochlear implantation in patients with chronic otitis media using canal wall up mastoidectomy. <i>Acta Oto-Laryngologica</i> , 2021, 141, 354-358.	0.9	1
21	Activation of KCNQ4 as a Therapeutic Strategy to Treat Hearing Loss. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2510.	4.1	15
22	Results of the Active Middle Ear Implantation in Patients With Mixed Hearing Loss After the Middle Ear Surgery: Prospective Multicenter Study (ROMEO Study). <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, , .	2.1	4
23	Hearing Rehabilitation with Combined Electroacoustic Stimulation and Ossiculoplasty. <i>Journal of Audiology and Otology</i> , 2021, 25, 110-114.	0.8	0
24	Heterogeneity of MYO15A variants significantly determine the feasibility of acoustic stimulation with hearing aid and cochlear implant. <i>Hearing Research</i> , 2021, 404, 108227.	2.0	1
25	Three-Dimensional Distribution of Cochlear Macrophages in the Lateral Wall of Cleared Cochlea. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 179-184.	2.1	8
26	Mid-term outcomes of the Pulsta transcatheter pulmonary valve for the native right ventricular outflow tract. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E724-E732.	1.7	19
27	Effects of Contralateral Routing of Signal Hearing Aids on Audiological and Academic Performance in School-Age Children With Unilateral Hearing Loss. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 355-358.	2.1	3
28	Combined agonists act synergistically to increase mucociliary clearance in a cystic fibrosis airway model. <i>Scientific Reports</i> , 2021, 11, 18828.	3.3	1
29	Differential Biases and Variabilities of Deep Learning-Based Artificial Intelligence and Human Experts in Clinical Diagnosis: Retrospective Cohort and Survey Study. <i>JMIR Medical Informatics</i> , 2021, 9, e33049.	2.6	5
30	LCCL peptide cleavage after noise exposure exacerbates hearing loss and is associated with the monocyte infiltration in the cochlea. <i>Hearing Research</i> , 2021, 412, 108378.	2.0	8
31	IL-17C Protects Nasal Epithelium from <i>Pseudomonas aeruginosa</i> Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 95-103.	2.9	10
32	P2RX2 and P2RX4 receptors mediate cation absorption in transitional cells and supporting cells of the utricular macula. <i>Hearing Research</i> , 2020, 386, 107860.	2.0	5
33	DNAJC14 Ameliorates Inner Ear Degeneration in the DFNB4 Mouse Model. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 188-197.	4.1	5
34	Genetic Inheritance of Late-Onset, Down-Sloping Hearing Loss and Its Implications for Auditory Rehabilitation. <i>Ear and Hearing</i> , 2020, 41, 114-124.	2.1	21
35	Comparison of resilience and quality of life between adolescent blood cancer survivors and those with congenital heart disease: a cross sectional study.. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 231.	2.4	8
36	Comparison of the Change in Diastolic Dysfunction after Transcatheter Atrial Septal Defect Closure between Asymptomatic Younger and Older Age Groups. <i>Journal of Clinical Medicine</i> , 2020, 9, 3637.	2.4	2

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37	Early Outcomes of Percutaneous Pulmonary Valve Implantation with Pulsta and Melody Valves: The First Report from Korea. <i>Journal of Clinical Medicine</i> , 2020, 9, 2769.	2.4	8
38	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , 2020, 10, 9913-9922.	10.0	25
39	Synergistic effect of smoking on age-related hearing loss in patients with diabetes. <i>Scientific Reports</i> , 2020, 10, 18893.	3.3	10
40	Distinct roles of stereociliary links in the nonlinear sound processing and noise resistance of cochlear outer hair cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11109-11117.	7.1	15
41	Machine learning approach for prediction of hearing preservation in vestibular schwannoma surgery. <i>Scientific Reports</i> , 2020, 10, 7136.	3.3	12
42	Investigation of intact mouse cochleae using two-photon laser scanning microscopy. <i>Microscopy Research and Technique</i> , 2020, 83, 1235-1240.	2.2	6
43	Clinical Experience of Vibroplasty With Direct Coupling to the Oval Window Without Use of a Coupler. <i>Laryngoscope</i> , 2020, 130, E926-E932.	2.0	6
44	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. <i>PLoS ONE</i> , 2020, 15, e0228498.	2.5	4
45	Velocity Vector Imaging Assessment of Functional Change in the Right Ventricle during Transcatheter Closure of Atrial Septal Defect by Intracardiac Echocardiography. <i>Journal of Clinical Medicine</i> , 2020, 9, 1132.	2.4	1
46	Clinical features and treatment of endolymphatic sac tumor. <i>Acta Oto-Laryngologica</i> , 2020, 140, 433-437.	0.9	7
47	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. , 2020, 15, e0228498.		0
48	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. , 2020, 15, e0228498.		0
49	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. , 2020, 15, e0228498.		0
50	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. , 2020, 15, e0228498.		0
51	Effects of Vibrant Soundbridge on tinnitus accompanied by sensorineural hearing loss. , 2020, 15, e0228498.		0
52	The Feasibility of a Modified Exclusive Endoscopic Transcanal Transpromontorial Approach for Vestibular Schwannomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, 082-087.	0.8	15
53	A novel early truncation mutation in OTOG causes prelingual mild hearing loss without vestibular dysfunction. <i>European Journal of Medical Genetics</i> , 2019, 62, 81-84.	1.3	8
54	Rare KCNQ4 variants found in public databases underlie impaired channel activity that may contribute to hearing impairment. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-12.	7.7	16

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55	Automated diagnosis of ear disease using ensemble deep learning with a big otoendoscopy image database. <i>EBioMedicine</i> , 2019, 45, 606-614.	6.1	97
56	Gene therapy for hereditary hearing loss by SLC26A4 mutations in mice reveals distinct functional roles of pendrin in normal hearing. <i>Theranostics</i> , 2019, 9, 7184-7199.	10.0	35
57	Novel pendrin inhibitor attenuates airway hyperresponsiveness and mucin expression in experimental murine asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1425-1428.e12.	2.9	14
58	Nasal commensal <i>Staphylococcus epidermidis</i> enhances interferon- $\gamma$ -dependent immunity against influenza virus. <i>Microbiome</i> , 2019, 7, 80.	11.1	55
59	Extended duration deafness is correlated with better subjective satisfaction in CROS-BAHI recipients. <i>Clinical Otolaryngology</i> , 2019, 44, 688-692.	1.2	1
60	Pathophysiologic Findings in the Human Endolymphatic Sac in Endolymphatic Hydrops: Functional and Molecular Evidence. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2019, 128, 76S-83S.	1.1	13
61	The TECTA mutation R1890C is identified as one of the causes of genetic hearing loss: a case report. <i>BMC Medical Genetics</i> , 2019, 20, 57.	2.1	6
62	Early to Mid-Term Follow-Up Outcomes of Percutaneous Closure of Atrial Septal Defects Using Recent Generation Devices: a Single-Center Experience. <i>Korean Circulation Journal</i> , 2019, 49, 326.	1.9	8
63	Cleaved Cochlin Sequesters <i>Pseudomonas aeruginosa</i> and Activates Innate Immunity in the Inner Ear. <i>Cell Host and Microbe</i> , 2019, 25, 513-525.e6.	11.0	42
64	Systematic evaluation of gene variants linked to hearing loss based on allele frequency threshold and filtering allele frequency. <i>Scientific Reports</i> , 2019, 9, 4583.	3.3	13
65	Lessons From an Analysis of Newborn Hearing Screening Data for Children With Cochlear Implants. <i>Otology and Neurotology</i> , 2019, 40, e909-e917.	1.3	1
66	Outcomes and Predictive Factors of Electroacoustic Stimulation Rehabilitation in Children With Limited Low-Frequency Hearing. <i>Otology and Neurotology</i> , 2019, 40, e894-e900.	1.3	2
67	Characterization of Flow Efficiency, Pulsatility, and Respiratory Variability in Different Types of Fontan Circuits Using Quantitative Parameters. <i>Yonsei Medical Journal</i> , 2019, 60, 56.	2.2	5
68	Catheter ablation for atrial fibrillation and intervention for pulmonary vein stenosis in a patient with Fontan circulation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 113-116.	1.2	0
69	Hyperbilirubinemia and Follow-up Auditory Brainstem Responses in Preterm Infants. <i>Clinical and Experimental Otorhinolaryngology</i> , 2019, 12, 163-168.	2.1	12
70	Evaluation of Flow Pattern in the Ascending Aorta in Patients with Repaired Tetralogy of Fallot Using Four-Dimensional Flow Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2019, 20, 1334.	3.4	6
71	Procedural, Early and Long-term Outcomes after Percutaneous Closure of Atrial Septal Defect: Comparison between Large and Very Large Atrial Septal Defect Groups. <i>Korean Circulation Journal</i> , 2019, 49, 975.	1.9	9
72	Educational Status in Bilateral Prelingual Deaf Children with Cochlear Implantation. <i>Journal of Audiology and Otology</i> , 2019, 23, 135-139.	0.8	4

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73	Feasibility of Revision Cochlear Implant Surgery for Better Speech Comprehension. <i>Journal of Audiology and Otology</i> , 2019, 23, 112-117.	0.8	2
74	Impact of Flow Differentials According to Cardiac and Respiratory Cycles on Three Types of Fontan Operation. <i>Pediatric Cardiology</i> , 2018, 39, 1144-1155.	1.3	2
75	A novel double snare technique to retrieve embolized septal and left atrial appendage occluders. <i>Journal of Interventional Cardiology</i> , 2018, 31, 685-692.	1.2	7
76	A stepwise approach to conduit puncture for electrophysiological procedures in patients with Fontan circulation. <i>Europace</i> , 2018, 20, 1043-1049.	1.7	7
77	Transcatheter closure of atrial septal defect: principles and available devices. <i>Journal of Thoracic Disease</i> , 2018, 10, S2909-S2922.	1.4	29
78	Progressive hearing loss in vitamin A-deficient mice which may be protected by the activation of cochlear melanocyte. <i>Scientific Reports</i> , 2018, 8, 16415.	3.3	7
79	Whole-exome sequencing identifies two novel mutations in KCNQ4 in individuals with nonsyndromic hearing loss. <i>Scientific Reports</i> , 2018, 8, 16659.	3.3	24
80	A recurrent mutation in KCNQ4 in Korean families with nonsyndromic hearing loss and rescue of the channel activity by KCNQ activators. <i>Human Mutation</i> , 2018, 40, 335-346.	2.5	13
81	Evidence Based Tailored Parotidectomy in Treating External Auditory Canal Carcinoma. <i>Scientific Reports</i> , 2018, 8, 12112.	3.3	10
82	microRNA-183 is Essential for Hair Cell Regeneration after Neomycin Injury in Zebrafish. <i>Yonsei Medical Journal</i> , 2018, 59, 141.	2.2	10
83	Benefits of Bimodal Hearing With Cochlear and Middle Ear Implants: Preliminary Results in Four Patients. <i>Otology and Neurotology</i> , 2018, 39, e422-e428.	1.3	0
84	Prognostic Factors Affecting Surgical Outcomes in Squamous Cell Carcinoma of External Auditory Canal. <i>Clinical and Experimental Otorhinolaryngology</i> , 2018, 11, 259-266.	2.1	18
85	Modified Exclusive Endoscopic Transcanal Transpromontorial Approach for Vestibular Schwannomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.8	0
86	Remnant cartilage in the middle ear. <i>Congenital Anomalies (discontinued)</i> , 2017, 57, 89-90.	0.6	1
87	̂ <sup>2</sup> 1- and ̂ <sup>2</sup> 2-adrenergic stimulation-induced electrogenic transport by human endolymphatic sac epithelium and its clinical implications. <i>Scientific Reports</i> , 2017, 7, 42217.	3.3	9
88	Synergistic mucus secretion by histamine and IL-4 through TMEM16A in airway epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L466-L476.	2.9	32
89	School-related adjustment in children and adolescents with CHD. <i>Cardiology in the Young</i> , 2017, 27, 1349-1355.	0.8	10
90	Genetic Predisposition to Sporadic Congenital Hearing Loss in a Pediatric Population. <i>Scientific Reports</i> , 2017, 7, 45973.	3.3	28

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91	Audiologic Gain of Incus Short Process Vibroplasty With Conventional Incus Long Process Vibroplasty: A Retrospective Analysis of 36 Patients. <i>Otology and Neurotology</i> , 2017, 38, 1063-1070.	1.3	5
92	Evaluation of Maximal Speech Intelligibility With Vibrant Soundbridge in Patients With Sensorineural Hearing Loss. <i>Otology and Neurotology</i> , 2017, 38, 1246-1250.	1.3	10
93	Hearing Preservation During Cochlear Implantation and Electroacoustic Stimulation in Patients With SLC26A4 Mutations. <i>Otology and Neurotology</i> , 2017, 38, 1262-1267.	1.3	12
94	Comparative evaluation of the white matter fiber integrity in patients with prelingual and postlingual deafness. <i>NeuroReport</i> , 2017, 28, 1103-1107.	1.2	8
95	Identification of evidence for autoimmune pathology of bilateral sudden sensorineural hearing loss using proteomic analysis. <i>Clinical Immunology</i> , 2017, 183, 24-35.	3.2	18
96	The effect of a resilience improvement program for adolescents with complex congenital heart disease. <i>European Journal of Cardiovascular Nursing</i> , 2017, 16, 290-298.	0.9	27
97	Benefits of active middle ear implants in mixed hearing loss: Stapes versus round window. <i>Laryngoscope</i> , 2017, 127, 1435-1441.	2.0	25
98	Favorable Long-Term Functional Outcomes and Safety of Auditory Brainstem Implants in Nontumor Patients. <i>Operative Neurosurgery</i> , 2017, 13, 653-660.	0.8	5
99	A Genetic Screen Reveals Novel Targets to Render <i>Pseudomonas aeruginosa</i> Sensitive to Lysozyme and Cell Wall-Targeting Antibiotics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 59.	3.9	11
100	Whole-exome sequencing identified a missense mutation in WFS1 causing low-frequency hearing loss: a case report. <i>BMC Medical Genetics</i> , 2017, 18, 151.	2.1	8
101	Changes in Strain Pattern and Exercise Capacity after Transcatheter Closure of Atrial Septal Defects. <i>Korean Circulation Journal</i> , 2017, 47, 245.	1.9	5
102	Analysis of Prognostic Factors in Malignant External Otitis. <i>Clinical and Experimental Otorhinolaryngology</i> , 2017, 10, 228-235.	2.1	44
103	Retrospective Multicenter Study of Respiratory Syncytial Virus Prophylaxis in Korean Children with Congenital Heart Diseases. <i>Korean Circulation Journal</i> , 2016, 46, 719.	1.9	9
104	Myocardial Tissue Doppler Velocity in Child Growth. <i>Journal of Cardiovascular Imaging</i> , 2016, 24, 40.	0.8	11
105	Early Marker of Myocardial Deformation in Children with Duchenne Muscular Dystrophy Assessed Using Echocardiographic Myocardial Strain Analysis. <i>Yonsei Medical Journal</i> , 2016, 57, 900.	2.2	8
106	Surgical and Audiologic Comparison Between Sophono and Bone-Anchored Hearing Aids Implantation. <i>Clinical and Experimental Otorhinolaryngology</i> , 2016, 9, 21-26.	2.1	15
107	Hearing Restoration in Neurofibromatosis Type II Patients. <i>Yonsei Medical Journal</i> , 2016, 57, 817.	2.2	5
108	Genetic association of MYH genes with hereditary hearing loss in Korea. <i>Gene</i> , 2016, 591, 177-182.	2.2	19



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109	Correlation of vestibular aqueduct size with air-bone gap in enlarged vestibular aqueduct syndrome. <i>Laryngoscope</i> , 2016, 126, 1633-1638.	2.0	18
110	Early deterioration of residual hearing in patients with <i>SLC26A4</i> mutations. <i>Laryngoscope</i> , 2016, 126, E286-91.	2.0	8
111	Audiologic limitations of Vibrant Soundbridge device: Is the contralateral hearing aid fitting indispensable?. <i>Laryngoscope</i> , 2016, 126, 2116-2123.	2.0	8
112	The HSP70 co-chaperone DNAJC14 targets misfolded pendrin for unconventional protein secretion. <i>Nature Communications</i> , 2016, 7, 11386.	12.8	43
113	Ventilation tube insertion is not effective to the treatment of hearing impairment in pediatric patients with Cornelia de Lange syndrome. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2016, 37, 231-235.	1.3	5
114	Vestibular function is associated with residual low-frequency hearing loss in patients with bi-allelic mutations in the <i>SLC26A4</i> gene. <i>Hearing Research</i> , 2016, 335, 33-39.	2.0	17
115	Genetic analysis of <i>COL11A2</i> in Korean patients with autosomal dominant non-syndromic hearing loss. <i>Genes and Genomics</i> , 2016, 38, 961-966.	1.4	0
116	Myocardial Layers Specific Strain Analysis for the Acute Phase of Infant Kawasaki Disease. <i>Pediatric Cardiology</i> , 2016, 37, 1404-1408.	1.3	4
117	Sulforaphane, a natural component of broccoli, inhibits vestibular schwannoma growth in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 36215.	3.3	22
118	Extracorporeal life support can be a first-line treatment in children with acute fulminant myocarditis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 247-252.	1.1	14
119	Screening of the <i>SLC17A8</i> gene as a causative factor for autosomal dominant non-syndromic hearing loss in Koreans. <i>BMC Medical Genetics</i> , 2016, 17, 6.	2.1	20
120	Factors associated with progression of right ventricular enlargement and dysfunction after repair of tetralogy of Fallot based on serial cardiac magnetic resonance imaging. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 464-469.	1.4	21
121	Revealing the function of a novel splice-site mutation of <i>CHD7</i> in CHARGE syndrome. <i>Gene</i> , 2016, 576, 776-781.	2.2	6
122	The effect of subthreshold continuous electrical stimulation on the facial function of patients with Bell's palsy. <i>Acta Oto-Laryngologica</i> , 2016, 136, 100-105.	0.9	31
123	Changes in Tinnitus After Middle Ear Implant Surgery. <i>Ear and Hearing</i> , 2015, 36, 705-709.	2.1	15
124	Thick airway surface liquid volume and weak mucin expression in pendrin-deficient human airway epithelia. <i>Physiological Reports</i> , 2015, 3, e12480.	1.7	22
125	A novel siderophore system is essential for the growth of <i>Pseudomonas aeruginosa</i> in airway mucus. <i>Scientific Reports</i> , 2015, 5, 14644.	3.3	64
126	Electrogenic transport and K <sup>+</sup> ion channel expression by the human endolymphatic sac epithelium. <i>Scientific Reports</i> , 2015, 5, 18110.	3.3	8



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127	Expression and Localization of Aquaporin Water Channels in Human Middle Ear Epithelium. <i>Otology and Neurotology</i> , 2015, 36, 1284-1289.	1.3	7
128	Novel <i>COCH</i> p.V123E Mutation, Causative of DFNA9 Sensorineural Hearing Loss and Vestibular Disorder, Shows Impaired Cochlin Post-Translational Cleavage and Secretion. <i>Human Mutation</i> , 2015, 36, 1168-1175.	2.5	25
129	Nationwide survey of coronary aneurysms with diameter $\geq 6$ mm in Kawasaki disease in Korea. <i>Pediatrics International</i> , 2015, 57, 367-372.	0.5	7
130	Erythromelalgia with a linear pattern in a 12-year-old girl. <i>Pediatrics International</i> , 2015, 57, 706-708.	0.5	2
131	A Melting Method for RNA Extraction from the Mucosal Membrane of the Mouse Middle Ear. <i>Yonsei Medical Journal</i> , 2015, 56, 497.	2.2	0
132	Degradomics of matrix metalloproteinases in inflammatory diseases. <i>Frontiers in Bioscience - Scholar</i> , 2015, 7, 150-167.	2.1	9
133	Response to: Comment on "Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio: Novel Markers for Diagnosis and Prognosis in Patients with Idiopathic Sudden Sensorineural Hearing Loss" Disease Markers, 2015, 2015, 1-2.	1.3	0
134	Transcatheter Treatment of Atrial Septal Defect Presenting with Platypnea-Orthodeoxia Syndrome. <i>Korean Circulation Journal</i> , 2015, 45, 169.	1.9	3
135	Adverse Events and Discomfort During Magnetic Resonance Imaging in Cochlear Implant Recipients. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2015, 141, 45.	2.2	88
136	Serendipitous diagnosis of cor triatriatum sinister in a child with Kawasaki disease. <i>Journal of Cardiology Cases</i> , 2015, 11, 14-17.	0.5	0
137	Intraindividual Comparison of Psychophysical Parameters Between Perimodiolar and Lateral-type Electrode Arrays in Patients With Bilateral Cochlear Implants. <i>Otology and Neurotology</i> , 2015, 36, 228-234.	1.3	19
138	Conserved role of Sonic Hedgehog in tonotopic organization of the avian basilar papilla and mammalian cochlea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3746-3751.	7.1	53
139	Non-syndromic hearing loss caused by the dominant cis mutation R75Q with the recessive mutation V37I of the <i>GJB2</i> (Connexin 26) gene. <i>Experimental and Molecular Medicine</i> , 2015, 47, e169-e169.	7.7	9
140	Evaluation of the Contribution of the <i>EYA4</i> and <i>GRHL2</i> Genes in Korean Patients with Autosomal Dominant Non-Syndromic Hearing Loss. <i>PLoS ONE</i> , 2015, 10, e0119443.	2.5	19
141	Differential Protein Expression in Congenital and Acquired Cholesteatomas. <i>PLoS ONE</i> , 2015, 10, e0137011.	2.5	3
142	Cardiopulmonary function and scoliosis severity in idiopathic scoliosis children. <i>Korean Journal of Pediatrics</i> , 2015, 58, 218.	1.9	38
143	Developmental Changes of ENaC Expression and Function in the Inner Ear of Pendrin Knock-Out Mice as a Perspective on the Development of Endolymphatic Hydrops. <i>PLoS ONE</i> , 2014, 9, e95730.	2.5	13
144	Changes in Patient Characteristics of Infective Endocarditis with Congenital Heart Disease: 25 Years Experience in a Single Institution. <i>Korean Circulation Journal</i> , 2014, 44, 37.	1.9	8

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145	Is there a deafness duration limit for cochlear implants in post-lingual deaf adults?. <i>Acta Oto-Laryngologica</i> , 2014, 134, 173-180.	0.9	18
146	Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio: Novel Markers for Diagnosis and Prognosis in Patients with Idiopathic Sudden Sensorineural Hearing Loss. <i>Disease Markers</i> , 2014, 2014, 1-6.	1.3	81
147	The effect of novel mutations on the structure and enzymatic activity of unconventional myosins associated with autosomal dominant non-syndromic hearing loss. <i>Open Biology</i> , 2014, 4, 140107.	3.6	19
148	Intrafamilial phenotypic variability in families with biallelic <i>SLC26A4</i> mutations. <i>Laryngoscope</i> , 2014, 124, E194-202.	2.0	11
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