

Sumit Kishore Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

843
citations

535685

17
h-index

591227

27
g-index

42
all docs

42
docs citations

42
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	A pathogenic deletion in Forkhead Box L1 (FOXL1) identifies the first otosclerosis (OTSC) gene. <i>Human Genetics</i> , 2022, 141, 965-979.	1.8	7
2	Effects of earlens lens placement on sound field thresholds, tympanometric measurements and wideband acoustic immittance. <i>International Journal of Audiology</i> , 2022, , 1-9.	0.9	0
3	Improving Nasopharyngeal Swab Technique via Simulation for Frontline Workers. <i>Laryngoscope</i> , 2022, , .	1.1	2
4	Suitable Electrode Choice for Robotic-Assisted Cochlear Implant Surgery: A Systematic Literature Review of Manual Electrode Insertion Adverse Events. <i>Frontiers in Surgery</i> , 2022, 9, 823219.	0.6	6
5	Achondroplasia and severe sensorineural hearing loss: The role of active bone conduction implants. <i>Cochlear Implants International</i> , 2022, , 1-9.	0.5	0
6	PWD-3DNet: A Deep Learning-Based Fully-Automated Segmentation of Multiple Structures on Temporal Bone CT Scans. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 739-753.	6.0	32
7	Micro-CT of the human ossicular chain: Statistical shape modeling and implications for otologic surgery. <i>Journal of Anatomy</i> , 2021, 239, 771-781.	0.9	4
8	An Approach for Individualized Cochlear Frequency Mapping Determined From 3D Synchrotron Radiation Phase-Contrast Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 3602-3611.	2.5	16
9	Sound Quality Ratings of Amplified Speech and Music Using a Direct Drive Hearing Aid: Effects of Bandwidth. <i>Otology and Neurotology</i> , 2021, 42, 227-234.	0.7	10
10	Cochlear implant failures and reimplantation: A 30-year analysis and literature review. <i>Laryngoscope</i> , 2020, 130, 782-789.	1.1	37
11	Chronic inflammatory reaction to bone wax in cochlear implantation: A case report and literature review. <i>Cochlear Implants International</i> , 2020, 21, 295-298.	0.5	5
12	Characterization of the human helicotrema: implications for cochlear duct length and frequency mapping. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2020, 49, 2.	0.9	25
13	Synchrotron Radiation-Based Reconstruction of the Human Spiral Ganglion: Implications for Cochlear Implantation. <i>Ear and Hearing</i> , 2020, 41, 173-181.	1.0	35
14	The BONEBRIDGE active transcutaneous bone conduction implant: effects of location, lifts and screws on sound transmission. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2020, 49, 58.	0.9	15
15	Audiological outcome measures with the BONEBRIDGE transcutaneous bone conduction hearing implant: impact of noise, reverberation and signal processing features. <i>International Journal of Audiology</i> , 2020, 59, 556-565.	0.9	11
16	Active Transcutaneous Bone Conduction Implant: Audiometric Outcomes Following a Novel Middle Fossa Approach With Self-Drilling Screws. <i>Otology and Neurotology</i> , 2020, 41, 605-613.	0.7	13
17	The middle fossa approach with self-drilling screws: a novel technique for BONEBRIDGE implantation. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2019, 48, 35.	0.9	22
18	Response to commentary on "the middle fossa approach with self-drilling screws: A novel technique for BONEBRIDGE implantation". <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2019, 48, 57.	0.9	0

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19	Morphological analysis of sigmoid sinus anatomy: clinical applications to neurotological surgery. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2019, 48, 2.	0.9	21
20	Effects of Bimodal and Bilateral Cochlear Implant Use on a Nonauditory Working Memory Task: Reading Span Tests Over 2 Years Following Cochlear Implantation. <i>American Journal of Audiology</i> , 2019, 28, 947-963.	0.5	5
21	Stapedectomy Versus Stapedotomy. <i>Otolaryngologic Clinics of North America</i> , 2018, 51, 375-392.	0.5	28
22	Hearing preservation cochlear implantation in children: The HEARRING Group consensus and practice guide. <i>Cochlear Implants International</i> , 2018, 19, 1-13.	0.5	43
23	Visualizing the 3D cytoarchitecture of the human cochlea in an intact temporal bone using synchrotron radiation phase contrast imaging. <i>Biomedical Optics Express</i> , 2018, 9, 3757.	1.5	49
24	Sensitivity analysis of pars-tensa young's modulus estimation using inverse finite-element modeling. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
25	Estimation of the Young's modulus of the human pars tensa using in-situ pressurization and inverse finite-element analysis. <i>Hearing Research</i> , 2017, 345, 69-78.	0.9	13
26	Measuring Cochlear Duct Length – a historical analysis of methods and results. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2017, 46, 19.	0.9	72
27	Intra- and Interobserver Variability of Cochlear Length Measurements in Clinical CT. <i>Otology and Neurotology</i> , 2017, 38, 828-832.	0.7	17
28	Evaluation of Cochlear Duct Length Computations Using Synchrotron Radiation Phase-Contrast Imaging. <i>Otology and Neurotology</i> , 2017, 38, e92-e99.	0.7	59
29	Blinded randomized controlled study of a web-based otoscopy simulator in undergraduate medical education. <i>Laryngoscope</i> , 2017, 127, 1306-1311.	1.1	12
30	Middle Fossa approach to Bone Bridge Surgery. <i>Journal of Laryngology and Otology</i> , 2016, 130, S198-S198.	0.4	2
31	Face and content validity of a virtual-reality simulator for myringotomy with tube placement. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2015, 44, 40.	0.9	26
32	Pentoxifylline + tocopherol + clodronate combination: A novel treatment for osteoradionecrosis of the temporal bone. <i>Head and Neck</i> , 2015, 37, E191-3.	0.9	17
33	Face and content validity of a novel, web-based otoscopy simulator for medical education. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2015, 44, 7.	0.9	15
34	Quality standards for bone conduction implants. <i>Acta Oto-Laryngologica</i> , 2015, 135, 1277-1285.	0.3	23
35	Laser Doppler Vibrometry measurements of human cadaveric tympanic membrane vibration. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2013, 42, 17.	0.9	17
36	Estimation of the quasi-static Young's modulus of the eardrum using a pressurization technique. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 110, 231-239.	2.6	11

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37	Virtual reality myringotomy simulation with real-time deformation: Development and validity testing. <i>Laryngoscope</i> , 2012, 122, 1844-1851.	1.1	30
38	Measuring the quasi-static Young's modulus of the eardrum using an indentation technique. <i>Hearing Research</i> , 2010, 263, 168-176.	0.9	17
39	Transmastoid Superior Semicircular Canal Occlusion. <i>Otology and Neurotology</i> , 2008, 29, 363-367.	0.7	106
40	Surgical Treatment of Benign Paroxysmal Positional Vertigo. <i>Audiological Medicine</i> , 2005, 3, 63-68.	0.4	3
41	Complications of otitis media: an evolving state. <i>The Journal of Otolaryngology</i> , 2005, 34 Suppl 1, S33-9.	0.6	13
42	Small Fenestra Stapedotomy for Otosclerosis in a Canadian Teaching Centre. <i>The Journal of Otolaryngology</i> , 2002, 31, 112.	0.6	4