

# Anandhan Dhanasingh

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

632  
citations

840776

11  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of cochlear implant electrode array designs. <i>Hearing Research</i> , 2017, 356, 93-103.	2.0	208
2	Method to Estimate the Complete and Two-Turn Cochlear Duct Length. <i>Otology and Neurotology</i> , 2015, 36, 904-907.	1.3	126
3	Review on cochlear implant electrode array tip fold-over and scalar deviation. <i>Journal of Otology</i> , 2019, 14, 94-100.	1.0	35
4	Human Inner-ear Malformation Types Captured in 3D. <i>Journal of International Advanced Otology</i> , 2019, 15, 77-82.	1.0	35
5	Variations in the Size and Shape of Human Cochlear Malformation Types. <i>Anatomical Record</i> , 2019, 302, 1792-1799.	1.4	18
6	The rationale for FLEX (cochlear implant) electrode with varying array lengths. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2021, 7, 45-53.	1.6	17
7	Cochlear duct length along the outer wall vs organ of corti: Which one is relevant for the electrode array length selection and frequency mapping using Greenwood function?. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2019, 5, 117-121.	1.6	16
8	Evaluating Common Cavity Cochlear Deformities Using CT Images and 3D Reconstruction. <i>Laryngoscope</i> , 2021, 131, 386-391.	2.0	16
9	Cochlear Dummy Electrodes for Insertion Training and Research Purposes: Fabrication, Mechanical Characterization, and Experimental Validation. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	15
10	CT imaging-based approaches to cochlear duct length estimation—a human temporal bone study. <i>European Radiology</i> , 2022, 32, 1014-1023.	4.5	15
11	A novel cochlear measurement that predicts inner-ear malformation. <i>Scientific Reports</i> , 2021, 11, 7339.	3.3	12
12	Drug delivery in cochlear implantation. <i>Acta Oto-Laryngologica</i> , 2021, 141, 135-156.	0.9	11
13	Signal processing & audio processors. <i>Acta Oto-Laryngologica</i> , 2021, 141, 106-134.	0.9	11
14	Literature Review on the Distribution of Spiral Ganglion Cell Bodies inside the Human Cochlear Central Modiolar Trunk. <i>Journal of International Advanced Otology</i> , 2020, 16, 104-110.	1.0	11
15	EAS-Combined electric and acoustic stimulation. <i>Acta Oto-Laryngologica</i> , 2021, 141, 22-62.	0.9	9
16	ABI-auditory brainstem implant. <i>Acta Oto-Laryngologica</i> , 2021, 141, 63-81.	0.9	9
17	Bilateral cochlear implantation. <i>Acta Oto-Laryngologica</i> , 2021, 141, 1-21.	0.9	9
18	CI in single-sided deafness. <i>Acta Oto-Laryngologica</i> , 2021, 141, 82-105.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Special electrodes for demanding cochlear conditions. Acta Oto-Laryngologica, 2021, 141, 157-177.	0.9	8
20	Thirty Years of Translational Research Behind MED-EL. Acta Oto-Laryngologica, 2021, 141, (i)-(cxcvi).	0.9	8
21	Cochlear Size Assessment Predicts Scala Tympani Volume and Electrode Insertion Force- Implications in Robotic Assisted Cochlear Implant Surgery. Frontiers in Surgery, 2021, 8, 723897.	1.4	8
22	Shape of the Cochlear Basal Turn: An Indicator for an Optimal <i>Electrode-to-Modiolus</i> Proximity With Precurved Electrode Type. Ear, Nose and Throat Journal, 2021, 100, 38-43.	0.8	7
23	New Classification of Cochlear Hypoplasia Type Malformation: Relevance in Cochlear Implantation. Journal of International Advanced Otology, 2020, 16, 153-157.	1.0	6
24	A novel method of identifying inner ear malformation types by pattern recognition in the mid modiolar section. Scientific Reports, 2021, 11, 20868.	3.3	6
25	Research software in cochlear duct length estimation, Greenwood frequency mapping and CI electrode array length simulation. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2021, 7, 17-22.	1.6	4
26	Surgical approach for complete cochlear coverage in EAS-patients after residual hearing loss. PLoS ONE, 2019, 14, e0223121.	2.5	3
27	Why Pre-Curved Modiolar Hugging Electrodes Only Cover The Basal Turn of The Cochlea and Not Beyond that?. Journal of International Advanced Otology, 2019, 14, 376-381.	1.0	1