

# Clemens M Zierhofer

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,112  
citations

687363

13  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speech Perception With Novel Stimulation Strategies for Combined Cochleo-Vestibular Systems. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1644-1650.	4.9	2
2	A Nonrecursive Approach for Zero Crossing Based Spectral Analysis. IEEE Signal Processing Letters, 2017, 24, 1054-1057.	3.6	4
3	Tinnitus Suppression by Intracochlear Electrical Stimulation in Single Sided Deafness – A Prospective Clinical Trial: Follow-Up. PLoS ONE, 2016, 11, e0153131.	2.5	38
4	Frequency-place map for electrical stimulation in cochlear implants: Change over time. Hearing Research, 2015, 326, 8-14.	2.0	49
5	Electric-acoustic pitch comparisons in single-sided-deaf cochlear implant users: Frequency-place functions and rate pitch. Hearing Research, 2014, 309, 26-35.	2.0	67
6	System Response to a Single Non-zero Initial Condition in a Lumped-Element LC Ladder. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 2693-2696.	0.3	0
7	Clinical Trial Results with the MED-EL Fine Structure Processing Coding Strategy in Experienced Cochlear Implant Users. Orl, 2012, 74, 185-198.	1.1	43
8	Signal Representation With Unity-Weight Dirac Impulses. IEEE Transactions on Signal Processing, 2012, 60, 2860-2869.	5.3	2
9	Development of a Mandarin tone identification test: Sensitivity index $d'$ as a performance measure for individual tones. International Journal of Audiology, 2011, 50, 155-163.	1.7	23
10	Reply to ‘Comments on ‘Quantization Noise as Superposition of Frequency Modulated Sinusoids’’. IEEE Signal Processing Letters, 2010, 17, 410-411.	3.6	0
11	Temporal fine structure in cochlear implants: Preliminary speech perception results in Cantonese-speaking implant users. Acta Oto-Laryngologica, 2010, 130, 1031-1039.	0.9	47
12	Quantization Noise as Superposition of Frequency-Modulated Sinusoids. IEEE Signal Processing Letters, 2009, 16, 933-936.	3.6	56
13	Simultaneous Intracochlear Stimulation Based on Channel Interaction Compensation: Analysis and First Results. IEEE Transactions on Biomedical Engineering, 2008, 55, 1907-1916.	4.2	11
14	Frequency Modulation and First-Order Delta Sigma Modulation: Signal Representation With Unity Weight Dirac Impulses. IEEE Signal Processing Letters, 2008, 15, 825-828.	3.6	8
15	Data Window With Tunable Side Lobe Ripple Decay. IEEE Signal Processing Letters, 2007, 14, 824-827.	3.6	17
16	Adaptive Delta-Sigma Modulation for Enhanced Input Dynamic Range. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	3
17	Comparison of the TEMPO+ Ear-Level Speech Processor and the CIS PRO+ Body-Worn Processor in Adult MED-EL Cochlear Implant Users. Orl, 2001, 63, 31-40.	1.1	37
18	Analysis of a linear model for electrical stimulation of axons-critical remarks on the "activating function concept". IEEE Transactions on Biomedical Engineering, 2001, 48, 173-184.	4.2	37

#	ARTICLE	IF	CITATIONS
19	Geometric approach for coupling enhancement of magnetically coupled coils. IEEE Transactions on Biomedical Engineering, 1996, 43, 708-714.	4.2	360
20	Electronic design of a cochlear implant for multichannel high-rate pulsatile stimulation strategies. IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society, 1995, 3, 112-116.	1.4	130
21	High-efficiency coupling-insensitive transcutaneous power and data transmission via an inductive link. IEEE Transactions on Biomedical Engineering, 1990, 37, 716-722.	4.2	178