Clemens M Zierhofer

List of Publications by Year
in descending order

21	1,112	687363 13	794594 19
papers	citations	h-index	g-index

21	21	21	977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Geometric approach for coupling enhancement of magnetically coupled coils. IEEE Transactions on Biomedical Engineering, 1996, 43, 708-714.	4.2	360
2	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
3	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
4	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
5	Quantization Noise as Superposition of Frequency-Modulated Sinusoids. IEEE Signal Processing Letters, 2009, 16, 933-936.	3.6	56
6	Frequency-place map for electrical stimulation in cochlear implants: Change over time. Hearing Research, 2015, 326, 8-14.	2.0	49
7	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
8	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
9	Tinnitus Suppression by Intracochlear Electrical Stimulation in Single Sided Deafness â€“ A Prospective Clinical Trial: Follow-Up. PLoS ONE, 2016, 11, e0153131.	2.5	38
10	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
11	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
12	Development of a Mandarin tone identification test: Sensitivity indexd'as a performance measure for individual tones. International Journal of Audiology, 2011, 50, 155-163.	1.7	23
13	Data Window With Tunable Side Lobe Ripple Decay. IEEE Signal Processing Letters, 2007, 14, 824-827.	3.6	17
14	Simultaneous Intracochlear Stimulation Based on Channel Interaction Compensation: Analysis and First Results. IEEE Transactions on Biomedical Engineering, 2008, 55, 1907-1916.	4.2	11
15	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
16	A Nonrecursive Approach for Zero Crossing Based Spectral Analysis. IEEE Signal Processing Letters, 2017, 24, 1054-1057.	3.6	4
17	Adaptive Delta-Sigma Modulation for Enhanced Input Dynamic Range. Eurasip Journal on Advances in Signal Processing, 2006, 2008, 1.	1.7	3
18	Signal Representation With Unity-Weight Dirac Impulses. IEEE Transactions on Signal Processing, 2012, 60, 2860-2869.	5.3	2

#	Article	IF	Citations
19	Speech Perception With Novel Stimulation Strategies for CombinedCochleo-Vestibular Systems. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1644-1650.	4.9	2
20	Reply to â€œComments on `Quantization Noise as Superposition of Frequency Modulated Sinusoids' â€. IEEE Signal Processing Letters, 2010, 17, 410-411.	3.6	0
21	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