

Effects of low pass filtering on the intelligibility of speech without dead regions at high frequencies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dead Regions in the Cochlea: Diagnosis, Perceptual Consequences, and Implications for the Fitting of Hearing Aids. Trends in Amplification, 2001, 5, 1-34.	2.4	189
2	Articulation index predictions for hearing-impaired listeners with and without cochlear dead regions. Journal of the Acoustical Society of America, 2002, 111, 2545-2548.	0.5	28
3	Psychoacoustics of normal and impaired hearing. British Medical Bulletin, 2002, 63, 121-134.	2.7	28
4	Response to "Articulation index predictions for hearing-impaired listeners with and without cochlear dead regions" [J. Acoust. Soc. Am. 111, 2545-2548 (2002)]. Journal of the Acoustical Society of America, 2002, 111, 2549-2550.	0.5	14
5	Application of the TEN test to hearing-impaired teenagers with severe-to-profound hearing loss: Aplicaci3n de la prueba TEN en adolescentes con hipoacusias severas a profundas. International Journal of Audiology, 2003, 42, 465-474.	0.9	28
6	The effects of hearing loss on the contribution of high- and low-frequency speech information to speech understanding. Journal of the Acoustical Society of America, 2003, 113, 1706-1717.	0.5	59
7	The Best of 2002. Hearing Journal, 2003, 56, 47-50.	0.1	0
8	Do tests for cochlear dead regions provide important information for fitting hearing aids? (L). Journal of the Acoustical Society of America, 2004, 115, 1420-1423.	0.5	23
9	Interference and Enhancement Effects on Interaural Time Discrimination and Level Discrimination in Listeners With Normal Hearing and Those With Hearing Loss. American Journal of Audiology, 2004, 13, 80-95.	0.5	6
10	Dead Regions in the Cochlea: Conceptual Foundations, Diagnosis, and Clinical Applications. Ear and Hearing, 2004, 25, 98-116.	1.0	177
11	Limiting High-Frequency Hearing Aid Gain in Listeners with and without Suspected Cochlear Dead Regions. Journal of the American Academy of Audiology, 2004, 15, 498-507.	0.4	49
12	The effect on speech intelligibility of varying compression time constants in a digital hearing aid. International Journal of Audiology, 2004, 43, 399-409.	0.9	21
13	Quantifying and Responding to Patient Needs and Expectations. Journal of the American Academy of Audiology, 2005, 16, 789-808.	0.4	2
14	A Clinical Perspective on Cochlear Dead Regions: Intelligibility of Speech and Subjective Hearing Aid Benefit. Journal of the American Academy of Audiology, 2005, 16, 600-613.	0.4	47
15	Reassessment of cochlear dead regions in hearing-impaired teenagers with severe-to-profound hearing loss. International Journal of Audiology, 2005, 44, 470-477.	0.9	10
16	Multiple Looks in Speech Sound Discrimination in Adults. Journal of Speech, Language, and Hearing Research, 2005, 48, 922-943.	0.7	20
17	Preservation of residual hearing with cochlear implantation: How and why. Acta Oto-Laryngologica, 2005, 125, 481-491.	0.3	240
18	Deficits in speech perception predict language learning impairment. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14110-14115.	3.3	171

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19	Improvements in speech perception with an experimental nonlinear frequency compression hearing device. <i>International Journal of Audiology</i> , 2005, 44, 281-292.	0.9	123
20	Development of a fast method for determining psychophysical tuning curves. <i>International Journal of Audiology</i> , 2005, 44, 408-420.	0.9	87
21	Benefits of audibility for listeners with severe high-frequency hearing loss. <i>Hearing Research</i> , 2005, 210, 42-52.	0.9	26
22	Speech masking release in listeners with flat hearing loss: Effects of masker fluctuation rate on identification scores and phonetic feature reception. <i>International Journal of Audiology</i> , 2006, 45, 487-495.	0.9	48
23	Detecting dead regions using psychophysical tuning curves: A comparison of simultaneous and forward masking. <i>International Journal of Audiology</i> , 2006, 45, 463-476.	0.9	48
24	Linear and nonlinear hearing aid fittings – 2. Patterns of candidature. <i>International Journal of Audiology</i> , 2006, 45, 153-171.	0.9	134
25	Modification of the Threshold Equalising Noise (TEN) test for cochlear dead regions for use with steeply sloping high-frequency hearing loss. <i>International Journal of Audiology</i> , 2006, 45, 91-98.	0.9	14
26	Frequency-compression outcomes in listeners with steeply sloping audiograms. <i>International Journal of Audiology</i> , 2006, 45, 619-629.	0.9	91
27	Identifying dead regions in the cochlea through the TEN Test. <i>Brazilian Journal of Otorhinolaryngology</i> , 2006, 72, 673-682.	0.4	3
28	Residual Hearing Conservation and Electroacoustic Stimulation with the Nucleus 24 Contour Advance Cochlear Implant. <i>Otology and Neurotology</i> , 2006, 27, 624-633.	0.7	204
29	What'S new from NAL in hearing aid prescriptions?. <i>Hearing Journal</i> , 2006, 59, 10-16.	0.1	15
30	The Effects of High-Frequency Amplification on the Objective and Subjective Performance of Hearing Instrument Users With Varying Degrees of High-Frequency Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2006, 49, 616-627.	0.7	34
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32	Perceptual adaptation by normally hearing listeners to a simulated ‘hole’ in hearing. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 4019-4030.	0.5	34
33	Hearing Loss and the Limits of Amplification. <i>Audiology and Neuro-Otology</i> , 2006, 11, 2-5.	0.6	38
34	Using transposition to improve consonant discrimination and detection for listeners with severe high-frequency hearing loss. <i>International Journal of Audiology</i> , 2007, 46, 293-308.	0.9	71
35	Contribution of High Frequencies to Speech Recognition in Quiet and Noise in Listeners With Varying Degrees of High-Frequency Sensorineural Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2007, 50, 819-834.	0.7	63
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38	Prevalence of Dead Regions in Subjects with Sensorineural Hearing Loss. <i>Ear and Hearing</i> , 2007, 28, 231-241.	1.0	69
39	Dead regions in the cochlea at high frequencies: implications for the adaptation to hearing aids. <i>Brazilian Journal of Otorhinolaryngology</i> , 2007, 73, 299-307.	0.4	5
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42	Effects of moderate cochlear hearing loss on the ability to benefit from temporal fine structure information in speech. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 1140-1153.	0.5	163
43	Factors Affecting the Benefits of High-Frequency Amplification. <i>Journal of Speech, Language, and Hearing Research</i> , 2008, 51, 798-813.	0.7	27
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47	Compressão de frequências e suas implicações no reconhecimento de fala. <i>Pró-fono: Revista De Atualização Científica</i> , 2009, 21, 149-154.	0.5	2
48	Voiced Initial Consonant Perception Deficits in Older Listeners With Hearing Loss and Good and Poor Word Recognition. <i>Journal of Speech, Language, and Hearing Research</i> , 2009, 52, 118-129.	0.7	3
49	Evaluation of a frequency transposition algorithm using wearable hearing aids. <i>International Journal of Audiology</i> , 2009, 48, 384-393.	0.9	27
50	Fast method for psychophysical tuning curve measurement in school-age children. <i>International Journal of Audiology</i> , 2009, 48, 546-553.	0.9	19
51	An Evaluation of Frequency Transposition for Hearing-impaired School-age Children. <i>Deafness and Education International</i> , 2009, 11, 62-82.	0.8	11
52	Frequency-Lowering Devices for Managing High-Frequency Hearing Loss: A Review. <i>Trends in Amplification</i> , 2009, 13, 87-106.	2.4	78
53	Factors Affecting Outcomes on the TEN (SPL) Test in Adults with Hearing Loss. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 251-263.	0.4	11
55	Amplitude Modulation Detection by Listeners with Unilateral Dead Regions. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 597-606.	0.4	1

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59	Effects of low-pass filtering on the judgment of vocal affect in speech directed to infants, adults and foreigners. <i>Speech Communication</i> , 2009, 51, 210-216.	1.6	25
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61	Effect of presentation level on diagnosis of dead regions using the threshold equalizing noise test. <i>International Journal of Audiology</i> , 2009, 48, 55-62.	0.9	3
62	Dead zones: What are they and what do you do about them?. <i>Hearing Journal</i> , 2009, 62, 10-14.	0.1	2
63	Frequency Tuning Curves Derived from Auditory Steady State Evoked Potentials: A Proof-of-Concept Study. <i>Ear and Hearing</i> , 2009, 30, 43-53.	1.0	9
65	How Internet Telephony Could Improve Communication for Hearing-Impaired Individuals. <i>Otology and Neurotology</i> , 2010, 31, 1014-1021.	0.7	11
66	Temporal Resolution in Regions of Normal Hearing and Speech Perception in Noise for Adults with Sloping High-Frequency Hearing Loss. <i>Ear and Hearing</i> , 2010, 31, 115-125.	1.0	34
67	Diagnosing Cochlear Dead Regions in Children. <i>Ear and Hearing</i> , 2010, 31, 238-246.	1.0	15
68	Evaluation of the CAMEQ2-HF Method for Fitting Hearing Aids With Multichannel Amplitude Compression. <i>Ear and Hearing</i> , 2010, 31, 657-666.	1.0	17
69	Advantages of a non-linear frequency compression algorithm in noise. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1045-1053.	0.8	49
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71	Psychophysical tuning curves and recognition of highpass and lowpass filtered speech for a person with an inverted V-shaped audiogram. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 660-663.	0.5	5
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75	Effect of linear and warped spectral transposition on consonant identification by normal-hearing listeners with a simulated dead region. <i>International Journal of Audiology</i> , 2010, 49, 420-433.	0.9	13
76	Preliminary evaluation of a method for fitting hearing aids with extended bandwidth. <i>International Journal of Audiology</i> , 2010, 49, 741-753.	0.9	48
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86	Transitioning Hearing Aid Users with Severe and Profound Loss to a New Gain/Frequency Response: Benefit, Perception, and Acceptance. <i>Journal of the American Academy of Audiology</i> , 2011, 22, 168-180.	0.4	6
87	The Effect of Frequency Transposition on Speech Perception in Adolescents and Young Adults with Profound Hearing Loss. <i>Deafness and Education International</i> , 2011, 13, 17-33.	0.8	3
88	Implications of High-Frequency Cochlear Dead Regions for Fitting Hearing Aids to Adults With Mild to Moderately Severe Hearing Loss. <i>Ear and Hearing</i> , 2012, 33, 573-587.	1.0	15
89	Agreement between psychophysical tuning curves and the threshold equalizing noise test in dead region identification. <i>International Journal of Audiology</i> , 2012, 51, 456-464.	0.9	6
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97	Psychophysics, Fitting, and Signal Processing for Combined Hearing Aid and Cochlear Implant Stimulation. <i>Ear and Hearing</i> , 2013, 34, 685-700.	1.0	55
98	Using a Vocoder-Based Frequency-Lowering Method and Spectral Enhancement to Improve Place-of-Articulation Perception for Hearing-Impaired Listeners. <i>Ear and Hearing</i> , 2013, 34, 300-312.	1.0	5
99	The Effect of Low-Pass Filtering on Identification of Nonsense Syllables in Quiet by School-Age Children With and Without Cochlear Dead Regions. <i>Ear and Hearing</i> , 2013, 34, 458-469.	1.0	11
100	Cochlear Dead Regions in Adults and Children: Diagnosis and Clinical Implications. <i>Seminars in Hearing</i> , 2013, 34, 037-050.	0.5	14
101	Repeatability, agreement, and feasibility of using the threshold equalizing noise test and fast psychophysical tuning curves in a clinical setting. <i>International Journal of Audiology</i> , 2014, 53, 745-752.	0.9	9
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106	Effects of Nonlinear Frequency Compression on Speech Identification in Children With Hearing Loss. <i>Ear and Hearing</i> , 2014, 35, 353-365.	1.0	24
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111	Spoken Word Recognition Errors in Speech Audiometry: A Measure of Hearing Performance?. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	4
112	Optimization of Frequency Lowering Algorithms for Getting the Highest Speech Intelligibility Improvement by Hearing Loss Simulation. <i>Journal of Medical Systems</i> , 2015, 39, 64.	2.2	0
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117	TRADUCCIÓN ESTIMULACIÓN ELECTRO-ACÚSTICA UNA OPCIÓN CUANDO LOS AUDÍFONOS NO SON SUFICIENTE. <i>Revista Médica Clínica Las Condes</i> , 2016, 27, 787-797.	0.2	0
118	Brainstem Encoding of Aided Speech in Hearing Aid Users with Cochlear Dead Region(s). <i>International Archives of Otorhinolaryngology</i> , 2016, 20, 226-234.	0.3	2
120	Speech Perception and Hearing Aids. <i>Springer Handbook of Auditory Research</i> , 2016, , 151-180.	0.3	10
121	Clinical Verification of Hearing Aid Performance. <i>Springer Handbook of Auditory Research</i> , 2016, , 253-289.	0.3	3
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123	The effect of presentation level on spectral weights for sentences. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 466-471.	0.5	7
124	The Effect of Aging and the High-Frequency Auditory Threshold on Speech-Evoked Mismatch Negativity in a Noisy Background. <i>Audiology and Neuro-Otology</i> , 2016, 21, 1-11.	0.6	4
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130	Evaluation of a Frequency-Lowering Algorithm for Adults With High-Frequency Hearing Loss. <i>Trends in Hearing</i> , 2017, 21, 233121651773445.	0.7	11
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132	Current Profile of Adults Presenting for Preoperative Cochlear Implant Evaluation. <i>Trends in Hearing</i> , 2018, 22, 233121651875528.	0.7	77
133	Objective Test of Cochlear Dead Region: Electrophysiologic Approach using Acoustic Change Complex. <i>Scientific Reports</i> , 2018, 8, 3645.	1.6	5

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134	Minimum Reporting Standards for Adult Cochlear Implantation. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 215-219.	1.1	76
135	Aggressive and agitated behavior recognition from accelerometer data using non-negative matrix factorization. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 1375-1389.	3.3	9
136	Speech Perception in Noise and Listening Effort of Older Adults With Nonlinear Frequency Compression Hearing Aids. <i>Ear and Hearing</i> , 2018, 39, 215-225.	1.0	12
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138	An effective frame-based high frequency speech transposition by using neural network. <i>International Journal of Intelligent Systems Design and Computing</i> , 2018, 2, 88.	0.3	0
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142	Behavioral and electrophysiological investigation of speech perception deficits in silence, noise and envelope conditions in developmental dyslexia. <i>Neuropsychologia</i> , 2019, 130, 3-12.	0.7	17
143	Achieved Gain and Subjective Outcomes for a Wide-Bandwidth Contact Hearing Aid Fitted Using CAM2. <i>Ear and Hearing</i> , 2019, 40, 741-756.	1.0	18
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145	Comparison of Frequency Transposition and Frequency Compression for People With Extensive Dead Regions in the Cochlea. <i>Trends in Hearing</i> , 2019, 23, 233121651882220.	0.7	3
146	Hearing outcomes of cochlear implant recipients with pre-operatively identified cochlear dead regions. <i>Cochlear Implants International</i> , 2020, 21, 160-166.	0.5	0
147	Individualized estimation of the Speech Intelligibility Index for short sentences: Test-retest reliability. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 1647-1661.	0.5	3
148	Effect of age, test frequency and level on thresholds for the TEN(HL) test for people with normal hearing. <i>International Journal of Audiology</i> , 2020, 59, 915-920.	0.9	3
149	Hearing-Impaired Listeners Show Reduced Attention to High-Frequency Information in the Presence of Low-Frequency Information. <i>Trends in Hearing</i> , 2020, 24, 233121652094551.	0.7	2
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151	Effect of the number of amplitude-compression channels and compression speed on speech recognition by listeners with mild to moderate sensorineural hearing loss. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 1344-1358.	0.5	7

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152	Speech recognition, loudness, and preference with extended bandwidth hearing aids for adult hearing aid users. <i>International Journal of Audiology</i> , 2020, 59, 780-791.	0.9	13
153	Influence of aided audibility on speech recognition performance with frequency composition for children and adults. <i>International Journal of Audiology</i> , 2021, 60, 849-857.	0.9	3
154	Audiologic outcomes and complications of active middle ear implantation in older adults. <i>Acta Oto-Laryngologica</i> , 2021, 141, 702-706.	0.3	0
155	The Relevance of Human Whistled Languages for the Analysis and Decoding of Dolphin Communication. <i>Frontiers in Psychology</i> , 2021, 12, 689501.	1.1	2
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